



| <b>CLINICAL MEDICAL POLICY</b>     |   |
|------------------------------------|---|
| <b>Policy Name:</b>                | Electrical Bone Growth Stimulators (Noninvasive/Invasive, Spinal, & Ultrasound) |
| <b>Policy Number:</b>              | MP-070-MD-PA  |
| <b>Responsible Department(s):</b>  | Medical Management  |
| <b>Provider Notice/Issue Date:</b> | 11/01/2023; 12/01/2022; 12/17/2021;12/21/2020; 01/20/2020; 01/15/2019           |
| <b>Effective Date:</b>             | 12/01/2023; 01/01/2023; 01/17/2022; 01/18/2021; 01/20/2020; 01/15/2019          |
| <b>Next Annual Review:</b>         | 09/2023   |
| <b>Revision Date:</b>              | 09/20/2023; 09/21/2022; 10/20/2021; 10/21/2020; 10/16/2019                      |
| <b>Products:</b>                   | Highmark Wholecare <sup>SM</sup> Medicaid                                       |
| <b>Application:</b>                | All participating hospitals and providers                                       |
| <b>Page Number(s):</b>             | 1 of 163  |

**Policy History**

| <b>Date</b> | <b>Activity</b>  |
|-------------|--|
| 12/01/2023  | Provider Effective date  |
| 10/11/2023  | PARP Approval  |
| 09/20/2023  | QI/UM Committee review   |
| 09/20/2023  | Annual Review: No changes to clinical criteria. Updated 'Summary of Literature' and 'Reference Sources' sections.  |
| 01/01/2023  | Provider Effective date  |
| 10/27/2022  | PARP Approval  |
| 08/17/2022  | QI/UM Committee review   |
| 08/17/2022  | Annual Review: Combined medical policies MP-068-MD-PA 'Ultrasound Bone Growth Stimulators' & MP-067-MD- PA 'Electrical Bone Growth Stimulators for the Spine (Osteogenesis Stimulators)' to this policy. Changed policy title from " <i>Noninvasive Electrical Bone Growth Stimulators</i> " to " <i>Electrical Bone Growth Stimulators (Noninvasive/Invasive, Spinal, &amp; Ultrasound)</i> ". Reformatted 'Procedures' section wording. Added Spinal EBGs and Ultrasound BGS clinical criteria to policy. Added TAG determination information for ultrasound BGS. Updated 'Summary of Literature' and 'Reference Sources'. |
| 01/17/2022  | Provider effective date  |
| 01/10/2022  | PARP approval  |

|            |  |
|------------|--|
| 10/20/2021 | QI/UM Committee review   |
| 10/20/2021 | Annual Review: No clinical criteria changes. Updated Summary of Literature and Reference Sources sections.   |
| 01/18/2021 | Provider effective date  |
| 12/02/2020 | PARP approval  |
| 10/21/2020 | QI/UM Committee review   |
| 10/21/2020 | Annual Review: No change in policy position. Removed CMS hyperlinks, updated current Hayes ratings, added to the Summary of Literature and updated References. |
| 01/20/2020 | Provider Effective Date  |
| 11/25/2019 | PARP Approval  |
| 10/16/2019 | QI/UM Committee Review   |
| 10/16/2019 | Annual Review: No changes to criteria; No coding changes; added UpToDate 2019 reviewed literature; added 2019 references; formatting changes                   |
| 01/15/2019 | Provider effective date  |
| 11/27/2018 | PARP approval  |
| 10/17/2018 | QI/UM Committee review   |
| 01/05/2018 | Initial policy developed   |

### **Disclaimer**

Highmark Wholecare<sup>SM</sup> medical policy is intended to serve only as a general reference resource regarding coverage for the services described. This policy does not constitute medical advice and is not intended to govern or otherwise influence medical decisions.

### **Policy Statement**

Highmark Wholecare<sup>SM</sup> may provide coverage under the medical-surgical and DME benefits of the Company's Medicaid products for medically necessary noninvasive electrical bone growth stimulators as treatment of nonunion long bone fractures or congenital pseudarthrosis.

This policy is designed to address medical necessity guidelines that are appropriate for the majority of individuals with a particular disease, illness or condition. Each person's unique clinical circumstances warrant individual consideration, based upon review of applicable medical records.

(Current applicable Pennsylvania HealthChoices Agreement Section V. Program Requirements, B. Prior Authorization of Services, 1. General Prior Authorization Requirements.)

## **Definitions**

**Prior Authorization Review Panel (PARP)** - A panel of representatives from within the PA Department of Human Services who have been assigned organizational responsibility for the review, approval and denial of all PH-MCO Prior Authorization policies and procedures.

**Non-invasive Electrical Bone Growth Stimulator (EBGS)** – A device that uses pulsed-electromagnetic fields, capacitative coupling or combined magnetic fields to generate a weak electric current through the target site.

**Invasive Electrical Bone Growth Stimulators (EBGS)** – Also known as implantable electrical stimulators, utilizing a direct current that is delivered internally via implanted electrodes to a non-healing fracture or bone fusion site.

**Ultrasound Bone Growth Stimulator (BGS)** – A noninvasive device that emits low intensity, pulsed ultrasound. The device is applied to the surface of the skin at the fracture site and ultrasound waves are emitted via a conductive coupling gel to stimulate fracture healing. The ultrasonic bone growth stimulators are not to be used concurrently with other non-invasive osteogenic devices.

**Appendicular Skeleton** – Bones of the shoulder girdle, upper extremities, pelvis, and lower extremities.

**Long Bones** – Clavicle, humerus, radius, ulna, femur, tibia, fibula, metacarpal, and metatarsal.

**Non-union Fracture** – is the result of an arrest in the healing process and is defined by the following three findings:

- Motion at the fracture site
- Radiographic evidence showing the persistence of the fracture line without bridging callus
- Incomplete progression toward radiographic healing in the expected length of time for the given bone and further healing not expected.

**Delayed union** - The healing process continues, but the fracture takes longer than usual to heal. The fact that a bone is delayed in its union does not mean that it will become a non-union. Reasons for delayed union may include inadequate reduction, inadequate immobilization, poor calcium and vitamin D3 intake, and impaired blood supply.

**Pseudarthrosis** – The failed fusion resulting from poor bone healing. This condition may be due to the patient tissue that does not heal the bone well, inadequate bone placed into the fusion area, excessive motion across the fusion area limiting healing, infection, and suboptimal alignment or fusion technique.

**Congenital Pseudoarthrosis** – A very rare birth defect where the middle portion of a bone fails to develop normally so that the two ends of the bone shaft are not joined. This gives the bone appearance of having a joint. The bones commonly affected include the shin bone, collar bone, forearm bone, and upper leg bone – one or more bones may be involved.

**Serial Radiographs** – Two or more sets of appropriate imaging studies separated by a minimum of 90 days or three months, confirming that clinically significant fracture healing has not occurred.

**Capacitative Coupling Electric Field (CCEF)** – A type of stimulation that involves two electrodes placed on the skin over the fusion site and connected to an external battery-powered device. The batteries are changed daily, and the patient is encouraged to use the device as much as possible (24 hours per day).

**Pulsed Electromagnetic Field (PEMF)** – A type of stimulation that requires coils (usually embedded in a brace) that produces a time-varying magnetic field around the area of the desired fusion. Patients are generally instructed to wear the device for 3 to 8 hours per day.

**Combined Magnetic Fields (CMF)** – A type of stimulation that delivers a time-varying magnetic field by superimposing the time-varying field onto an additional static magnetic field. This device involves 30 minutes of treatment daily for 9 months.

**Arthrodesis (spinal fusion)** – The surgical binding together or immobilization of a joint by fusion of adjacent bones.

**Multilevel Spinal Fusion** – The procedure is a spinal fusion that involves three or more vertebrae (e.g., L3-L5, L4-S1, etc.).

**Failed Spinal Fusion** – A minimum of 6 months has elapsed since the last surgery with an additional 3 months of serial x-ray evidence for a total of 9 months.

**Spondylolisthesis** – A condition in which one bone in the spine (vertebra) slips out of position. The bone can slide forward or backward over the bone below it. The condition is caused by one or more small joints around the spine that allow the bone to move out of line. Malfunctioning joints can be caused by congenital defect, previous traumatic event, stress fractures, infection, or arthritis.

**Cathode** – A negatively charged electrode by which electrons enter an electrical device. The opposite of a cathode is an anode, which is positively charged.

**Direct Current Stimulation (DCS)** – A type of stimulation that uses electrodes implanted within or very close to the location of the desired fusion. Modern devices consist of a sealed electrical source that is implanted at the time of surgery.

## Procedures

1. The following sections outline medically necessary indications:

**A. Electrical Bone Growth Stimulator – Non-invasive**

- 1) Nonunion of a long bone fracture; OR
- 2) Failed fusion; OR
- 3) Congenital pseudoarthroses in the appendicular skeleton; OR
- 4) As an adjunct to spinal fusion surgery for patients at high risk of pseudarthrosis due to previously failed spinal fusion at the same site or for those undergoing multiple level fusion.

**B. Electrical Bone Growth Stimulator – Invasive (Implantable)**

- 1) Nonunion of a long bone fracture; OR
- 2) As an adjunct to spinal fusion surgery for patients at high risk of pseudarthrosis due to previously failed spinal fusion at the same site or for those undergoing multiple level fusion.

**C. Ultrasonic Bone Growth Stimulator**

- 1) Nonunion bone fracture not of skull or vertebrae and not related to a tumor.
- 2) Requires a Program Exception. The ordering physician must provide a supporting statement indicating why the requested therapy is medically necessary, and the alternative options have been or are likely to be ineffective, adversely affect patient compliance, or cause an adverse reaction.

2. Medically Necessary Conditions

**A. Noninvasive EBGs** is considered medically necessary when ALL of the following conditions exist:

- 1) The fracture gap is 1 cm or less; AND
- 2) The fracture has been adequately immobilized; AND
- 3) The patient has exhibited compliance with non-weight bearing activity; AND
- 4) ANY ONE of the following fracture conditions are present:
  - a) Nonunion of a long bone fracture:
    - I. Nonunion of a long bone fracture is considered to exist only after six (6) or more months have elapsed without healing of the fracture; AND
    - II. Nonunion of a long bone fracture is considered to exist only when serial radiographs have confirmed that fracture healing has ceased for 3 or more months prior to starting treatment with the EBGs. Serial radiographs must include a minimum of two (2) sets of radiographs, each including multiple views of the fracture site, separated by a minimum of 90 days; OR
  - b) Failed fusion, where a minimum of nine (9) months has elapsed since the last surgery; OR
  - c) Congenital pseudoarthroses in the appendicular skeleton (the appendicular skeleton includes the bones of the shoulder girdle, upper extremities, pelvis and lower extremities); OR
  - d) As an adjunct to spinal fusion surgery for patients at high risk of pseudarthrosis due to previously failed spinal fusion at the same site or for those undergoing multiple level fusion. A multiple level fusion involves 3 or more vertebrae (e.g., L3-L5, L4-S1, etc).

B. **Invasive (implantable) EBGs** is considered medically necessary when ANY ONE of the following conditions exist:

- 1) Nonunion of a long bone fracture:
  - a) Nonunion of a long bone fracture is considered to exist only after six (6) or more months have elapsed without healing of the fracture; AND
  - b) Nonunion of a long bone fracture is considered to exist only when serial radiographs have confirmed that fracture healing has ceased for three (3) or more months prior to starting treatment with the electrical osteogenic stimulator. Serial radiographs must include a minimum of two (2) sets of radiographs, each including multiple views of the fracture site, separated by a minimum of 90 days.
- 2) As an adjunct to spinal fusion surgery for patients at high risk of pseudarthrosis due to previously failed spinal fusion at the same site or for those undergoing multiple level fusion. A multiple level fusion involves 3 or more vertebrae (e.g., L3-L5, L4-S1, etc), and ANY of the following clinically documented conditions are present:
  - a) One or more previously failed lumbar spinal fusion(s) at the same site; OR
  - b) A multilevel spinal fusion surgery is to be performed; OR
  - c) Diabetes; OR
  - d) Renal disease; OR
  - e) Grade III or worse spondylolisthesis; OR
  - f) Current smoking tobacco use; OR
  - g) Alcoholism; OR
  - h) Steroid use associated with low bone mass or bone loss; OR
  - i) Severe osteoporosis which is demonstrated on radiographs.

C. **Ultrasound BGS** are considered medically necessary for the treatment of nonunion fractures when ALL of the following criteria are met:

- A. The patient has a nonunion bone fracture and three (3) months have passed since the date of fracture; AND
- B. The fracture is not of the skull or vertebrae; AND
- C. The fracture is not related to a tumor; AND
- D. A minimum of two (2) sets of serial radiographs have previously been obtained, each including multiple views of the fracture site, separated by a minimum of 90 days, showing that no progression in healing has taken place; AND
- E. The two portions of the involved bone are separated by less than 1 cm AND
- F. The fracture has been adequately immobilized, and compliance with non-weight bearing activity has been achieved.

3. Conditions considered not medically necessary

- **Noninvasive EBGs** is considered not medically necessary for conditions other than those listed above because the scientific evidence has not been established. Not medically necessary indications for non-spinal noninvasive EBGs include, but are not limited to the following conditions:
  - As an adjunct to (i.e., at the time of, or immediately after) bunionectomy procedures (when such surgery results in nonunion, the medically necessary criteria listed above may apply).
  - As an adjunct to (i.e., at the time of or immediately after) distraction osteogenesis procedures for any indication (e.g., limb lengthening, nonunion, or tibial defects)

- Axial skeleton fractures, including the skull and/or vertebrae
  - Stress fracture
  - Fresh and/or acute fractures
  - Treatment of sesmoiditis
  - Patellar tendinopathy
- **Spinal (Invasive and Noninvasive) EBGs** is considered not medically necessary for conditions other than those listed above because the scientific evidence has not been established. Not medically necessary indications for spinal EBGs include, but are not limited to the following conditions:
    - Invasive, semi-invasive, and non-invasive EBGs as an adjunct to cervical and thoracic spinal fusion surgery
    - As an adjunct to failed cervical and thoracic spinal fusion
    - Semi-invasive EBGs as an adjunct to lumbar spinal fusion and for failed lumbar spinal fusion
    - Ultrasound stimulators
    - Cardiac pacemakers
    - Implantable cardioverter-defibrillator
    - Subcutaneous implantable cardioverter defibrillator
    - Stress fractures
    - Fresh fractures
    - Pathological fractures due to bone pathology, tumor, or malignancy
    - Spondylolysis (also known as pars inter-articularis fracture)
    - Osteoarthritis and rheumatoid arthritis
    - Patients with mental or physical conditions that will preclude compliance instructions
- **Ultrasound BGS** is considered not medically necessary for conditions other than those listed above because the scientific evidence has not been established. Not medically necessary indications for ultrasound bone growth stimulators include, but are not limited to the following conditions:
    - As an adjunct to (i.e., at the time of or immediately after) bunionectomy procedures (when such surgery results in nonunion the medically necessary criteria above may apply)
    - As an adjunct to (i.e., at the time of or immediately after) distraction osteogenesis procedures for any indication (e.g., limb lengthening, nonunion, or tibial defects)
    - Axial skeleton fractures, including the skull and vertebrae
    - Congenital pseudoarthrosis
    - Arthrodesis (i.e., foot and ankle arthrodesis)
    - Failed arthrodesis
    - Delayed-union fracture
    - Stress fractures
    - Fresh fractures
    - Immediate post-surgical treatment after appendicular skeletal surgery
    - Patellar tendinopathy
    - Pathological fractures due to bone pathology or tumor/malignancy
    - Arthroscopic treatment of OLT (osteochondral lesion of the talus)

- **Semi-invasive EBG** is considered experimental/investigational and not medically necessary for the treatment of any condition.

#### 4. Contraindications

**Non-invasive/Invasive EBG, spinal EBG, and ultrasound BGS** is contraindicated in the presence of the following:

- External or internal fixation device constructed from magnetic materials, the use of these device systems is contraindicated if the patient has synovial pseudoarthrosis
- There are possible unknown side effects associated with pregnant and nursing women
- In patients with implanted electrical devices, including cardiac pacemakers, implantable cardioverter defibrillator, and/or subcutaneous implantable cardioverter defibrillators

#### 5. Durable Medical Equipment (DME)

**Noninvasive/Invasive EBG, spinal EBG, and ultrasound BGS** are classified as DME rental or purchase items and may be subject to prior authorization requirements. The devices are reimbursed in:

- The office setting to a medical DME supplier
- The home setting to a home health or medical supplier DME.

A patient will have authorization for one (1) EBG device when the patient meets the medical necessity guidelines above.

**Note:** For ultrasound BGS, ultrasound conductive coupling gel (HCPCS code A4559) is considered medically necessary and separately billable if an ultrasound BGS is approved.

#### 6. Post-payment Audit Statement

The medical record must include documentation that reflects the medical necessity criteria and is subject to audit by Highmark Wholecare<sup>SM</sup> at any time pursuant to the terms of your provider agreement.

#### 7. Place of Service

The proper place of service for **noninvasive EBG and ultrasound BGS** is in the outpatient setting.

**Invasive EBG** may be performed in the inpatient setting in special circumstances including, but not limited to, an adjunct to lumbar spinal fusion surgery.

### **Governing Bodies Approval**

FDA-approved noninvasive EBG include, but are not limited to:

- OL 1000<sup>®</sup> (Regentek, a division of dj Orthopedics, LLC Tempe, AZ)
- Physio-Stim Lite<sup>®</sup> (Orthofix, Inc., Richardson, TX)
- EBI Bone Healing System<sup>®</sup> and OrthoPak<sup>®</sup> (Bioelectron, Parsippany, NJ)
- OrthoLogic

FDA- approved invasive spinal EBG devices include, but are not limited to:

- OsteoStim<sup>®</sup> (Electro-Biology, Inc.)



- Biomet SpinalPak®, approved as a capacitive coupling system for the use of adjunct therapy to primary lumbar spinal fusions at 1 or 2 levels
- SpF® Implantable Spinal Stimulator by Zimmer-Biomet

FDA- approved non-invasive spinal EBGs devices include, but are not limited to:

- Spinal-Stim Lite® by Orthofix, Inc, a spinal adjunct to the Physio-Stim® made by Orthofix, Inc. The Spinal-Stim Lite® device was approved to increase the probability of fusion success and as a nonoperative treatment for the salvage of failed spinal fusion, where a minimum of 9 months has elapsed since the last surgery.
- DJO SpinaLogic®, a combined magnetic field portable device. The device is secured with a belt around the waist.
- EBI Bone Healing System®, indicated for nonunions, failed fusions, and congenital pseudoarthroses. The device is secured with a belt around the waist.

In October 1994, the FDA approved low-intensity pulsed ultrasound, manufactured by Exogen, Inc. (West Caldwell, NJ), to accelerate the healing of new bone fractures in the tibial diaphysis and Colles' fractures of the distal radius in adults.

In February 2000, the FDA approved low-intensity pulsed ultrasound for the treatment of established non-unions, excluding the skull and vertebrae. As defined by the FDA, a nonunion is established when at least 9 months have elapsed since injury and the fracture site shows no visibly progressive signs of healing for a minimum of three months.

FDA-approved ultrasonic BGS include, but are not limited to:

- Exogen 4000+™
- Exogen 3000™
- Exogen 2000+™
- Exogen 2000™

The Centers for Medicare and Medicaid Services (CMS) has published the following guidance:

- National Coverage Determination (NCD) Osteogenic Stimulators (150.2)
- Local Coverage Determination (LCD) Osteogenesis Stimulators (L33796)
- Local Coverage Article (LCA) Osteogenesis Stimulators - Policy Article (A52513)

The Pennsylvania Department of Human Services Technology Assessment Group (TAG) workgroup meets quarterly to discuss issues revolving around new technologies and technologies or services that were previously considered to be a program exception. During this meeting, decisions are made as to whether or not certain technologies will be covered and how they will be covered. TAG's decisions are as follow:

- Option #1: Approved - Will be added to the Fee Schedule
- Option #2: Approved as Medically Effective - Will require Program Exception
- Option #3: Approved with (or denied due to) Limited/Minimal Evidence of Effectiveness - Will require Program Exception
- Option #4: Denied - Experimental/Investigational

As of February 2015, the TAG workgroup assigned ultrasound BGS an Option # 3, specifically for HCPCS code E0760.

## **Program Exception**

Ultrasound BGS requires a program exception. The ordering physician must provide a supporting statement indicating why the requested therapy is medically necessary, and the alternative options have been or are likely to be ineffective, adversely affect patient compliance, or cause an adverse react

## **Summary of Literature**

Of the estimated 7.9 million fractures that occur annually in the United States, approximately 5–10% have either delayed or impaired healing. Of the 600,000 fractures with delayed healing, nearly 100,000 progress to nonunion. The United States Food and Drug Administration (FDA) defines a nonunion as, “a fracture that has not completely healed within 9 months of injury, with serial radiographs demonstrating no progression of healing during the final three months.” However, in clinical practice, there is a considerable variability for what is considered a nonunion, with definitions of nonunion ranging from 2–12 months (Buza & Einhorn, 2016).

The American Academy of Orthopedic Surgeons (AAOS) indicates several factors that can increase the risk of the formation of a nonunion bone fracture including:

- Use of tobacco or nicotine in any form (smoking, chewing tobacco, and use of nicotine gum or patches) inhibits bone healing and increase the chance of a nonunion
- Older age
- Severe anemia
- Diabetes
- A low vitamin D level
- Hypothyroidism
- Poor nutrition
- Medications including anti-inflammatory drugs such as aspirin, ibuprofen, and prednisone. The physician and patient should always discuss the risks and benefits of using these medications during fracture healing
- Infection
- A complicated break that is open or compound (AAOS, 2014)

For bone healing to happen, the bone needs adequate stability and blood supply. Good nutrition also plays a role in bone healing.

- Stability - All treatment of broken bones follows one basic rule: the broken pieces must be put back into position and prevented from moving out of place until they heal. Some fractures can be held in position with a cast. Some fractures require surgical fixation with devices like screws, plates, rods and frames.
- Blood supply - Blood delivers the components required for healing to the fracture site. These include oxygen, healing cells, and the body's own chemicals necessary for healing (growth factors). The blood supply to the injured bone usually comes back on its own during the healing period (AAOS, 2014).

The diagnosis of a nonunion is generally based on both clinical and radiological parameters. Pain, loss of function, and tenderness to palpation - with or without fracture site mobility - are clinical signs which may

suggest nonunion. Methods used to diagnose delayed or nonunion fractures can include radiograph, CT scan, ultrasound, MRI, or nuclear imaging (Nicholson, Yapp, Simpson, 2021).

Electrical stimulation of bone has been touted as an effective and noninvasive method for enhancing bone healing, and treating fracture nonunion (Kuzyk, Schemitsch 2009). Noninvasive EBGs are external devices that deliver electrical energy to a fracture or bone fusion site. The goal is to induce osteogenesis, stimulate bone growth, and promote healing of fresh, delayed, or nonunion bone fractures and surgical joint fusions. BGS devices may be used as adjunctive interventions to promote bone healing after fresh fracture or delayed fracture union, and also as an adjunctive treatment after spinal or cervical fusion or procedures to bones of the foot and ankle. These devices use electrical or ultrasound stimulation technologies to apply different types of energy fields to the injured site. The main mechanisms of action used by EBGs are direct current (DC), capacitive coupling electric stimulation (CCES), PEMF, and CMF. DC bone growth stimulation is an invasive technology that requires surgical implantation of a metallic cathode at the target bone site (Hayes, 2021).

### **Invasive and Noninvasive EBGs**

Aleem et al., reported a systematic review and meta-analysis evaluating the efficacy of electrical stimulators in bone healing. Overall, there was moderate quality evidence supporting electrical stimulation in reducing patient-reported pain and radiographic nonunion (Aleem, 2016). All of the RCTs and systematic reviews conclude sufficient evidence that noninvasive EBGs improves fracture healing for patients with nonunion fractures. There are few nonsurgical options in this patient population (Aleem, 2016).

Aleem et al. (2016) also reported on delayed union fractures, fresh fractures, and stress fractures in the meta-analysis of RCTs. There were no statistically significant differences in outcomes between RCT groups for delayed union fractures, fresh fractures, and stress fractures during the study (Aleem, 2016; Goldstein et al., 2010).

An UpToDate review on “General principles of fracture management” stated that “Several non-pharmacologic interventions have been used to aid fracture healing. Among these are electromagnetic stimulation (“bone stimulators”) and ultrasound. Electromagnetic stimulation is used most often to hasten healing after internal fixation or bone grafting that has been performed for fractures that failed to heal with standard treatment (i.e., nonunions). Electromagnetic bone stimulation is often used to augment a trial of conservative therapy in atypical or stress fractures that would otherwise require surgery, and limited evidence suggests that these interventions are effective” (Beutler, 2021).

A meta-analysis investigated the different bone stimulation technologies on fracture healing outcomes. The analysis compared Low Intensity Pulsed Ultrasonography (LIPUS) and Electrical Stimulation (ESTIM), two commonly prescribed non-invasive techniques for the treatment of fresh fractures and fracture non unions. Relevant data were extracted and trials were assessed for study quality and risk of bias. The study used both standard and network meta-analytic techniques to synthesize the data. In patients with a delayed/nonunion fracture, electrical stimulation treatment suggested a significant benefit compared to placebo. This updated systematic review and network meta-analysis suggests that when compared to placebo, electrical stimulation demonstrated significant fracture healing improvements in patients with delayed/nonunion (Gichuru, Philips, Yardley, Petrisor, Drew 2018).

Foley et al. published results from the industry-sponsored investigational device exemption trial of PEMF stimulation as an adjunct to anterior cervical discectomy and fusion (ACDF) with anterior cervical plates

and allograft interbody implants. The trial presented results using the Cervical-Stim device by Orthofix and received premarket approval from the FDA in 2004. Out of 323 patients randomized in the trial, 163 patients had PEMF stimulation and 160 patients had no stimulation. The patients were active smokers (164 patients) or were undergoing multilevel ACDF (192 patients). The efficacy in the trial was measured by radiographic analysis at 1, 2, 3, 6, and 12 months (Foley, 2008).

At six-month follow-up, the PEMF group and the control group fusion rates were 65.6% and 56.3%, respectively, with no significant difference. The FDA analysis for premarket approval indicated that the results at 6 months were statistically different in sensitivity analysis performed with the last observation carried forward or with all missing data imputed as nonfusion. At twelve-month follow-up, the PEMF group and the control group fusion rates were 92.8% and 86.7%; these rates did not have a significant difference (Foley, 2008).

The evidence for invasive and non-invasive methods of spinal EBGs as an adjunct to lumbar spine fusion surgery includes systematic reviews, randomized controlled trials (RCTs), and societal and association recommendations. Due to differing physiological and biomechanical forces, there are distinct differences between anterior and posterior fusions to weigh during comparative analysis on the effectiveness of the devices (Morone, 2002).

Two relevant RCTs evaluated the use of invasive EBGs for lumbar fusion surgery in patients at high risk of fusion failure. One study measured instrumented spinal fusion and the other study measured non-instrumented spinal fusion. Both studies showed improved fusion with electrical stimulation and supported the conclusion of improved functional outcomes with the use of EBGs devices. The RCTs consisted of the following:

- Rogozinski & Rogozinski reported the outcomes of two consecutive series of patients undergoing posterolateral lumbar fusions (PLF) with autologous bone graft and pedicle screw fixation. In the first group, 41 patients were treated without EBGs, while the second group of 53 patients was treated with invasive EBGs. The patients that received the invasive EBGs reported a 96% fusion rate compared to the 85% fusion rate in the non-EBGs group (Rogozinski & Rogozinski, 1996).
- Kaiser et al. published radiographic and function outcomes from a 2-year multicenter RCT to determine the impact of DCS on non-instrumented lumbar fusion for patients 60 years of age and older. The RCT contained 107 patients that presented with a variety of spinal degenerative disorders and were undergoing single or multilevel PLFs. The patients were split up into two randomized groups—one group included a cohort without DCS, and the other group included a cohort with DCS insertion. The results for DCS patients demonstrated significant improvement in functional outcomes and decreased pain scores, which are beneficial effects on lumbar fusion in older patients (Kaiser, 2014).

Although the studies had some risk for bias due to differential dropout rates, both studies showed improved fusion with electrical stimulation on blinded intermediate measures of radiographic fusion.

Three relevant RCTs assessed the use of non-invasive electrical stimulation for lumbar spinal fusion surgery in patients at high risk of fusion failure. The three studies demonstrated high success rates in the group that received the electrical stimulation compared to the placebo groups. The studies performed by Mooney and Linovitz excluded patients with severe osteoporosis, and the Goodwin study excluded patients that had osteoporosis with an unspecified severity level. The RCTs consisted of the following:

- Mooney performed a study that randomized 195 patients undergoing initial attempts at interbody lumbar fusions with or without fixation—one group received PEMF stimulation, and one group

did not receive PEMF stimulation. The active treatment group had a success rate of 92% compared to 65% in the placebo group (Mooney, 1990).

- Goodwin et al. performed a study that randomized 179 patients undergoing lumbar spinal fusions (with and without instrumentation) into two groups—one group received capacitative coupled electrical stimulation (CCEF) and one group did not receive the CCEF. There was an overall successful fusion rate of 84.7% among the group that actively received the CCEF electrical stimulation compared to a rate of 64.9% for the group that did not receive the CCEF electrical stimulation (Goodwin, 1999).
- Linovitz et al. performed a study that randomized 201 patients undergoing 1- or 2- level posterolateral fusion into two groups—one group received active electrical stimulation through a combined magnetic field (CMF) device, and one group did not receive the CMF. The active group had an overall successful fusion rate of 64%, and the placebo-device group had a success rate of 43% (Linovitz, 2002).

A meta-analysis of 33 articles (17 preclinical, 16 clinical) was reported on the use of electrical stimulation with spinal fusion (Cottrill et al, 2019). The review did not report on the anatomic level of the spinal fusion surgeries. The authors concluded that direct current stimulation improved fusion rates in both preclinical and clinical studies, inductive coupling stimulation improved fusion rates in the clinical studies only and capacitive coupling stimulation was not effective at increasing fusion. A subanalysis of the clinical studies found that the use of electric stimulation increase fusion rates in patients with difficult-to-fuse spines, in patients who smoke and those that underwent multilevel fusions. It was noted that additional research is needed to analyze the cost-effectiveness of these devices.

A systematic review and meta-analysis regarding the efficacy of electrical stimulation for spinal fusion aimed to determine if postoperative electrical stimulation is more efficacious than no stimulation or placebo in promoting radiographic fusion in patients undergoing spinal fusion. The search identified 1184 articles. After excluding 195 duplicates, a total of 989 titles and abstracts were screened and 9 articles (7 studies) were eligible for our systematic review and meta-analysis. Thus, seven studies were included with a total of 941 patients, of which 487 patients received postoperative electrical stimulation and 454 patients received placebo or sham stimulation. This systematic review and meta-analysis found moderate-level evidence supporting the use of postoperative electrical stimulation as an adjunct to spinal fusion surgery. When compared to sham, placebo-controlled, or no stimulation, patients treated with postoperative electrical stimulation have significantly greater rates of successful radiographically defined fusions (Akhter, et al., 2020).

The North American Spine Society (NASS) issued a coverage recommendation for EBGs. The recommendation supports the use of PEMF stimulation devices, as an adjunct to spinal fusion. The policy recommends use of electrical stimulation for fusion healing in all regions of the spine, including lumbar regions (BusinessWire, 2016).

The American Association of Neurological Surgeons (AANS) and the Congress of Neurological Surgeons (CNS) released guidelines in 2005 that evaluated literature on bone growth stimulation for EBGs as an adjunct for lumbar fusion (Kaiser, 2014).

The 2005 AANS and CNS guidelines stated that there were class II and III evidence:

“...to support the use of direct current stimulation or [capacitative coupled stimulation] for enhancing fusion rates in high-risk patients undergoing lumbar PLF. A beneficial effect on fusion rates in patients not at ‘high risk’ has not been convincingly demonstrated, nor has an effect been shown for these modalities

in patients treated with interbody fusion. There is limited evidence both for and against the use of PEMFS for enhancing fusion rates following PLF. Class II and III medical evidence supports the use of PEMFS for promoting arthrodesis following interbody fusion. Although some studies have purported to demonstrate functional improvement in some patient subgroups, other studies have not detected differences. All of the reviewed studies are significantly flawed by the use of a four-point patient satisfaction scale as the primary outcome measure. This outcome measure is not validated. Because of the use of this flawed outcome measure and because of the conflicting results reported in the better-designed studies that assess functional outcome, there is no consistent medical evidence to support or refute use of these devices for improving patient outcomes.”

The AANS and CNS updated the guidelines in 2014 indicating that there was no evidence published after their 2005 guidelines that conflicts with the previous recommendations on bone growth stimulation.

“...The use of DCS is recommended as an option for patients younger than 60 years of age, since a positive effect on fusion has been observed. A single low-level study demonstrated a positive impact of PEMFS on patients undergoing revision surgery for pseudarthrosis, but this single study is insufficient to recommend for or against the use of PEMFS in this patient population. DCS and CCES may be considered in patients at high risk for pseudarthrosis who are undergoing PLF, while PEMFS may be considered in a similar patient population undergoing an interbody fusion.”

There are no semi-invasive EBGs devices that have been approved or cleared by the FDA for clinical uses. The therapy is considered experimental and investigational due to the absence of FDA-approved semi-invasive stimulators. The use of invasive and non-invasive EBGs devices in children is not covered, due to the lack of studies that have identified or assessed the use of EBGs in children.

The use of the PEMF devices for inflammatory arthritis and immunocompromised (e.g., undergoing chemotherapy and radiation therapy to the spine, Hypogammaglobulinemia, granulocytopenia, acquired immune deficiency syndrome, chronic granulomatous disease) comorbidities is not considered medically necessary, due to the lack of studies that have identified or assessed the use of EBGs for specific conditions related to inflammatory arthritis and immunocompromised comorbidities.

According to the Orthofix product labeling information, safety and effectiveness of EBGs has not been established for the following patients:

- Patients that are pregnant or nursing;
- Patients lacking skeletal maturity;
- Patients that have a mental or physical condition that precludes compliance with the physician and device instructions;
- Patients that have one of the following conditions:
  - Osseous or ligamentous spinal trauma
  - Spondylitis
  - Paget’s disease
  - Moderate to severe osteoporosis
  - Metastatic cancer
  - Patients that have implantable defibrillators or demand pacemakers

## **Ultrasound BGS**

Research suggests that low-intensity pulsed ultrasound accelerates several phases of the fracture healing process (inflammation, soft callus formation, hard callus formation) in vivo (Pounder and Harrison, 2008; Dijkman et al., 2009).

The benefits of ultrasound are determined by intensity. Diagnostic use of ultrasound requires very low intensities (milliwatts per square centimeter) to avoid excessive heating of the tissues. Nevertheless, ultrasonic intensities of one to three watts per square centimeter have been reported to reduce joint stiffness, pain, muscle spasm, improve muscular mobility, and more recently enhance the growth and healing of bones. A report of low-intensity ultrasounds playing a role in bone growth and fresh fracture healing of rabbits was published in 1983, and the first clinical application of ultrasounds on the treatment of nonunions was read at the Annual Meeting of The American Academy of Orthopaedic Surgeons in 1987. Throughout the subsequent years, low-intensity pulsed ultrasounds have been shown to be effective in the treatment of upper and lower extremity fractures. Thus, in 1994, the FDA approved the marketing of ultrasounds for the healing of fresh fractures (Victoria et al., 2009).

In the appendicular skeleton, ultrasound bone growth stimulators have been investigated to facilitate the healing of fresh fractures, stress fractures, delayed union fractures, nonunion fractures, and congenital pseudoarthroses. The evidence review includes all of the most current literature.

The safety and effectiveness of ultrasound bone growth stimulators have not been established in the presence of bone pathology such as osteomyelitis, spondylitis, Paget's disease, metastatic cancer, advanced osteoporosis or arthritis, or for avascular or necrotic bone tissues. Additionally, the safety and effectiveness of US bone growth stimulators have not been established for the following individuals: children, individuals lacking skeletal maturity, pregnant and nursing women, and patients with cardiac pacemakers or implantable defibrillators (Orthofix, 2005; EXOGEN, 2017). There is also contraindication for any fixation devices made from magnetic materials that may compromise the effects of EBGS devices (Orthofix, 2005).

According to UpToDate authors (2019), although the FDA approved the use of low intensity pulsed ultrasound (LIPUS) for the treatment of acute fractures and nonunions, debate continues about the quality of the evidence supporting the intervention.

A systematic review and meta-analysis of 12 studies found the available studies to be highly heterogeneous and methodologically limited. The review and meta-analysis concluded that the evidence does not support routine use of ultrasound for fracture healing. A subsequent randomized trial involving just under 500 patients with tibial shaft fractures reported no difference in radiographic healing or in functional measures between patients treated with LIPUS compared with those treated with a sham device. Another systematic review of 26 randomized controlled trials involving patients with any kind of fracture or osteotomy, concluded that LIPUS does not improve outcomes important to patients (Beutler, et al 2019).

The clinical evidence and the manufacturing guidelines indicate ultrasound bone growth stimulators as an adjunct to conventional management for the treatment of established nonunion bone fractures in skeletally mature patients (; EXOGEN, 2017). In most of the studies, the sites of US therapy were diverse, primarily the tibia and/or fibula, femur, radius, and/or ulna, humerus, scaphoid, and metatarsus.

The National Institute for Health and Care Excellence (NICE) has updated their recommendations based on clinical evidence to support the use of the Exogen Ultrasound Bone Healing System for long bone

fractures with nonunion (failure to heal after 9 months). The NICE Committee has concluded that the case for adopting the EXOGEN ultrasound bone healing system to treat long bone fractures with non-union (failure to heal after 9 months) is supported by the clinical evidence, which shows high rates of fracture healing. NICE indicates there is some radiological evidence of improved healing when the EXOGEN ultrasound bone healing system is used for long bone fractures with delayed healing (no radiological evidence of healing after approximately 3 months). There are substantial uncertainties about the rate at which bone healing progresses without adjunctive treatment between 3 and 9 months after fracture, and about whether or not surgery would be necessary (NICE, 2019).

LIPUS has been investigated, and the clinical evidence for individuals with fresh fractures includes randomized controlled trials (RCTs) and a 2017 cumulative meta-analysis of RCTs (Schandelmaier, 2017). The evidence has recently evolved with the latest clinical publications which has shifted the indications concerning fresh fractures. Conclusions based on all RCTs and meta-analysis found no significant differences in fresh fractures with LIPUS and without LIPUS (Schandelmaier, 2017; Poolman, 2017). There was no significant variance in the results of relevant outcomes, including days to full weight bearing, pain reduction, and days to radiographic healing, return to work, subsequent operations, or adverse effects, which indicates insufficient evidence to determine the effects of the technology on health outcomes of individuals with fresh fractures (Schandelmaier, 2017; Poolman, 2017).

A systematic review and meta-analysis of published papers was presented that describes nonunions treated with low-intensity pulsed ultrasound (LIPUS). Articles in PubMed, Ovid MEDLINE, CINAHL, AMED, EMBASE, Cochrane Library, and Scopus databases were searched. Thirteen eligible papers reporting LIPUS treatment of 1441 nonunions were evaluated, with a stricter definition of nonunion as fracture age of at least 8 months duration. The conclusion was that LIPUS treatment can be an alternative to surgery for established nonunions. LIPUS may be most useful in patients for whom surgery is high risk, including elderly patients at risk of delirium, or patients with dementia, extreme hypertension, extensive soft-tissue trauma, mechanical ventilation, metabolic acidosis, multiple organ failure, or coma. With an overall average success rate for LIPUS >80% this is comparable to the success of surgical treatment of non-infected nonunions (Leighton, Watson, et al., 2017).

An alternate systematic review and meta-analysis of randomized controlled trials was conducted in 2016 to determine the efficiency of LIPUS on bone-healing and/or fracture union, as well as on functional recovery. The databases of PubMed/MEDLINE, Cochrane Central Register of Controlled Trials, CINAHL, Web of Science, and Embase were searched for trials concerning LIPUS stimulation and bone-healing or fracture repair, in any language, published from the inception of the database to January 2, 2015. Eligible studies were randomized controlled trials that enrolled patients with any type of fracture, delayed union, or nonunion and randomly assigned them to LIPUS treatment or a control group. LIPUS treatment effectively reduces the time to radiographic fracture union, but this does not directly result in a beneficial effect of accelerated functional recovery or the prevention of delayed union or nonunion. Future studies should focus on reporting of a combination of subjective signs of clinical healing, functional recovery, and radiographic union to determine the effectiveness of LIPUS treatment in clinical fracture-healing. (Rutten, van den Bekerom, et al., 2016).



Hayes, Inc.

- Noninvasive Electrical Bone Growth Stimulation for Cervical Spinal Fusion
  - A search of the peer-reviewed, published literature identified 1 newly published study. Whether an update of the Health Technology Assessment will be conducted is based on whether the newly published information for noninvasive EBGs has evolved, is controversial, and/or the degree to which it is a priority to clients.
- Ultrasound Bone Growth Stimulation for Nonspinal Arthrodesis
  - A review of abstracts suggests that there currently is not enough published, peer-reviewed, literature to evaluate the evidence related to ultrasound BGS as an adjunct to arthrodesis in nonspinal indications in a full assessment.

## **Coding Requirements**

Procedure Codes

### **Noninvasive EBGs**

| <b>CPT/HCPCS Code</b> | <b>Description</b>  |
|-----------------------|---|
| 20974                 | Electrical stimulation to aid bone healing; non-invasive (non-operative); for both the osteogenic stimulator non-invasive, and osteogenic stimulator, non-invasive spinal application |
| E0747                 | Osteogenesis Stimulator, Electrical Stimulator, non-invasive, other than spinal applications  |

### **Spinal EBGs (Noninvasive/Invasive)**

| <b>CPT Code</b>   | <b>Description</b>  |
|-------------------|---|
| 20974             | Electrical stimulation to aid bone healing; non-invasive (nonoperative) |
| 20975             | Electrical stimulation to aid bone healing; invasive (operative)        |
| <b>HCPCS Code</b> | <b>Description</b>  |
| E0748             | Osteogenesis stimulator, electrical, non-invasive, spinal applications  |
| E0749             | Osteogenesis stimulator, electrical, surgically implanted               |

### **Ultrasound EBGs**

| <b>CPT/HCPCS Code</b> | <b>Description</b>   |
|-----------------------|--|
| 20979                 | Low intensity ultrasound stimulation to aid bone healing; non-invasive (non-operative) |
| E0760                 | Osteogenesis stimulator, low intensity ultrasound, non-invasive                        |

## Diagnosis Codes

### Noninvasive EBGs

| ICD-10 Code | Description  |
|-------------|--|
| M80.011K    | Age-related osteoporosis with current pathological fracture, right shoulder, subsequent encounter for fracture with nonunion             |
| M80.012K    | Age-related osteoporosis with current pathological fracture, left shoulder, subsequent encounter for fracture with nonunion              |
| M80.019K    | Age-related osteoporosis with current pathological fracture, unspecified shoulder, subsequent encounter for fracture with nonunion       |
| M80.021K    | Age-related osteoporosis with current pathological fracture, right humerus, subsequent encounter for fracture with nonunion              |
| M80.022K    | Age-related osteoporosis with current pathological fracture, left humerus, subsequent encounter for fracture with nonunion               |
| M80.029K    | Age-related osteoporosis with current pathological fracture, unspecified humerus, subsequent encounter for fracture with nonunion        |
| M80.031K    | Age-related osteoporosis with current pathological fracture, right forearm, subsequent encounter for fracture with nonunion              |
| M80.032K    | Age-related osteoporosis with current pathological fracture, left forearm, subsequent encounter for fracture with nonunion               |
| M80.039K    | Age-related osteoporosis with current pathological fracture, unspecified forearm, subsequent encounter for fracture with nonunion        |
| M80.041K    | Age-related osteoporosis with current pathological fracture, right hand, subsequent encounter for fracture with nonunion                 |
| M80.042K    | Age-related osteoporosis with current pathological fracture, left hand, subsequent encounter for fracture with nonunion                  |
| M80.049K    | Age-related osteoporosis with current pathological fracture, unspecified hand, subsequent encounter for fracture with nonunion           |
| M80.051K    | Age-related osteoporosis with current pathological fracture, right femur, subsequent encounter for fracture with nonunion                |
| M80.052K    | Age-related osteoporosis with current pathological fracture, left femur, subsequent encounter for fracture with nonunion                 |
| M80.059K    | Age-related osteoporosis with current pathological fracture, unspecified femur, subsequent encounter for fracture with nonunion          |
| M80.061K    | Age-related osteoporosis with current pathological fracture, right lower leg, subsequent encounter for fracture with nonunion            |
| M80.062K    | Age-related osteoporosis with current pathological fracture, left lower leg, subsequent encounter for fracture with nonunion             |
| M80.069K    | Age-related osteoporosis with current pathological fracture, unspecified lower leg, subsequent encounter for fracture with nonunion      |
| M80.071K    | Age-related osteoporosis with current pathological fracture, right ankle and foot, subsequent encounter for fracture with nonunion       |
| M80.072K    | Age-related osteoporosis with current pathological fracture, left ankle and foot, subsequent encounter for fracture with nonunion        |
| M80.079K    | Age-related osteoporosis with current pathological fracture, unspecified ankle and foot, subsequent encounter for fracture with nonunion |
| M80.811K    | Other osteoporosis with current pathological fracture, right shoulder, subsequent encounter for fracture with nonunion                   |
| M80.812K    | Other osteoporosis with current pathological fracture, left shoulder, subsequent encounter for fracture with nonunion                    |
| M80.819K    | Other osteoporosis with current pathological fracture, unspecified shoulder, subsequent encounter for fracture with nonunion             |
| M80.821K    | Other osteoporosis with current pathological fracture, right humerus, subsequent encounter for fracture with nonunion                    |
| M80.822K    | Other osteoporosis with current pathological fracture, left humerus, subsequent encounter for fracture with nonunion                     |

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| M80.829K | Other osteoporosis with current pathological fracture, unspecified humerus, subsequent encounter for fracture with nonunion        |
| M80.831K | Other osteoporosis with current pathological fracture, right forearm, subsequent encounter for fracture with nonunion              |
| M80.832K | Other osteoporosis with current pathological fracture, left forearm, subsequent encounter for fracture with nonunion               |
| M80.839K | Other osteoporosis with current pathological fracture, unspecified forearm, subsequent encounter for fracture with nonunion        |
| M80.841K | Other osteoporosis with current pathological fracture, right hand, subsequent encounter for fracture with nonunion                 |
| M80.842K | Other osteoporosis with current pathological fracture, left hand, subsequent encounter for fracture with nonunion                  |
| M80.849K | Other osteoporosis with current pathological fracture, unspecified hand, subsequent encounter for fracture with nonunion           |
| M80.851K | Other osteoporosis with current pathological fracture, right femur, subsequent encounter for fracture with nonunion                |
| M80.852K | Other osteoporosis with current pathological fracture, left femur, subsequent encounter for fracture with nonunion                 |
| M80.859K | Other osteoporosis with current pathological fracture, unspecified femur, subsequent encounter for fracture with nonunion          |
| M80.861K | Other osteoporosis with current pathological fracture, right lower leg, subsequent encounter for fracture with nonunion            |
| M80.862K | Other osteoporosis with current pathological fracture, left lower leg, subsequent encounter for fracture with nonunion             |
| M80.869K | Other osteoporosis with current pathological fracture, unspecified lower leg, subsequent encounter for fracture with nonunion      |
| M80.871K | Other osteoporosis with current pathological fracture, right ankle and foot, subsequent encounter for fracture with nonunion       |
| M80.872K | Other osteoporosis with current pathological fracture, left ankle and foot, subsequent encounter for fracture with nonunion        |
| M80.879K | Other osteoporosis with current pathological fracture, unspecified ankle and foot, subsequent encounter for fracture with nonunion |
| M84.311K | Stress fracture, right shoulder, subsequent encounter for fracture with nonunion   |
| M84.312K | Stress fracture, left shoulder, subsequent encounter for fracture with nonunion  |
| M84.319K | Stress fracture, unspecified shoulder, subsequent encounter for fracture with nonunion   |
| M84.321K | Stress fracture, right humerus, subsequent encounter for fracture with nonunion  |
| M84.322K | Stress fracture, left humerus, subsequent encounter for fracture with nonunion   |
| M84.329K | Stress fracture, unspecified humerus, subsequent encounter for fracture with nonunion  |
| M84.331K | Stress fracture, right ulna, subsequent encounter for fracture with nonunion   |
| M84.332K | Stress fracture, left ulna, subsequent encounter for fracture with nonunion  |
| M84.333K | Stress fracture, right radius, subsequent encounter for fracture with nonunion   |
| M84.334K | Stress fracture, left radius, subsequent encounter for fracture with nonunion  |
| M84.339K | Stress fracture, unspecified ulna and radius, subsequent encounter for fracture with nonunion                                      |
| M84.341K | Stress fracture, right hand, subsequent encounter for fracture with nonunion   |
| M84.342K | Stress fracture, left hand, subsequent encounter for fracture with nonunion  |
| M84.343K | Stress fracture, unspecified hand, subsequent encounter for fracture with nonunion   |
| M84.344K | Stress fracture, right finger(s), subsequent encounter for fracture with nonunion  |
| M84.345K | Stress fracture, left finger(s), subsequent encounter for fracture with nonunion   |
| M84.346K | Stress fracture, unspecified finger(s), subsequent encounter for fracture with nonunion  |
| M84.350K | Stress fracture, pelvis, subsequent encounter for fracture with nonunion   |
| M84.351K | Stress fracture, right femur, subsequent encounter for fracture with nonunion  |
| M84.352K | Stress fracture, left femur, subsequent encounter for fracture with nonunion   |
| M84.353K | Stress fracture, unspecified femur, subsequent encounter for fracture with nonunion  |
| M84.359K | Stress fracture, hip, unspecified, subsequent encounter for fracture with nonunion   |
| M84.361K | Stress fracture, right tibia, subsequent encounter for fracture with nonunion  |
| M84.362K | Stress fracture, left tibia, subsequent encounter for fracture with nonunion   |
| M84.363K | Stress fracture, right fibula, subsequent encounter for fracture with nonunion   |

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| M84.364K | Stress fracture, left fibula, subsequent encounter for fracture with nonunion                                      |
| M84.369K | Stress fracture, unspecified tibia and fibula, subsequent encounter for fracture with nonunion                     |
| M84.371K | Stress fracture, right ankle, subsequent encounter for fracture with nonunion                                      |
| M84.372K | Stress fracture, left ankle, subsequent encounter for fracture with nonunion                                       |
| M84.373K | Stress fracture, unspecified ankle, subsequent encounter for fracture with nonunion                                |
| M84.374K | Stress fracture, right foot, subsequent encounter for fracture with nonunion                                       |
| M84.375K | Stress fracture, left foot, subsequent encounter for fracture with nonunion  |
| M84.376K | Stress fracture, unspecified foot, subsequent encounter for fracture with nonunion                                 |
| M84.377K | Stress fracture, right toe(s), subsequent encounter for fracture with nonunion                                     |
| M84.378K | Stress fracture, left toe(s), subsequent encounter for fracture with nonunion                                      |
| M84.379K | Stress fracture, unspecified toe(s), subsequent encounter for fracture with nonunion                               |
| M84.411K | Pathological fracture, right shoulder, subsequent encounter for fracture with nonunion                             |
| M84.412K | Pathological fracture, left shoulder, subsequent encounter for fracture with nonunion                              |
| M84.419K | Pathological fracture, unspecified shoulder, subsequent encounter for fracture with nonunion                       |
| M84.421K | Pathological fracture, right humerus, subsequent encounter for fracture with nonunion                              |
| M84.422K | Pathological fracture, left humerus, subsequent encounter for fracture with nonunion                               |
| M84.429K | Pathological fracture, unspecified humerus, subsequent encounter for fracture with nonunion                        |
| M84.431K | Pathological fracture, right ulna, subsequent encounter for fracture with nonunion                                 |
| M84.432K | Pathological fracture, left ulna, subsequent encounter for fracture with nonunion                                  |
| M84.433K | Pathological fracture, right radius, subsequent encounter for fracture with nonunion                               |
| M84.434K | Pathological fracture, left radius, subsequent encounter for fracture with nonunion                                |
| M84.439K | Pathological fracture, unspecified ulna and radius, subsequent encounter for fracture with nonunion                |
| M84.441K | Pathological fracture, right hand, subsequent encounter for fracture with nonunion                                 |
| M84.442K | Pathological fracture, left hand, subsequent encounter for fracture with nonunion                                  |
| M84.443K | Pathological fracture, unspecified hand, subsequent encounter for fracture with nonunion                           |
| M84.444K | Pathological fracture, right finger(s), subsequent encounter for fracture with nonunion                            |
| M84.445K | Pathological fracture, left finger(s), subsequent encounter for fracture with nonunion                             |
| M84.446K | Pathological fracture, unspecified finger(s), subsequent encounter for fracture with nonunion                      |
| M84.451K | Pathological fracture, right femur, subsequent encounter for fracture with nonunion                                |
| M84.452K | Pathological fracture, left femur, subsequent encounter for fracture with nonunion                                 |
| M84.453K | Pathological fracture, unspecified femur, subsequent encounter for fracture with nonunion                          |
| M84.454K | Pathological fracture, pelvis, subsequent encounter for fracture with nonunion                                     |
| M84.459K | Pathological fracture, hip, unspecified, subsequent encounter for fracture with nonunion                           |
| M84.461K | Pathological fracture, right tibia, subsequent encounter for fracture with nonunion                                |
| M84.462K | Pathological fracture, left tibia, subsequent encounter for fracture with nonunion                                 |
| M84.463K | Pathological fracture, right fibula, subsequent encounter for fracture with nonunion                               |
| M84.464K | Pathological fracture, left fibula, subsequent encounter for fracture with nonunion                                |
| M84.469K | Pathological fracture, unspecified tibia and fibula, subsequent encounter for fracture with nonunion               |
| M84.471K | Pathological fracture, right ankle, subsequent encounter for fracture with nonunion                                |
| M84.472K | Pathological fracture, left ankle, subsequent encounter for fracture with nonunion                                 |
| M84.473K | Pathological fracture, unspecified ankle, subsequent encounter for fracture with nonunion                          |
| M84.474K | Pathological fracture, right foot, subsequent encounter for fracture with nonunion                                 |
| M84.475K | Pathological fracture, left foot, subsequent encounter for fracture with nonunion                                  |
| M84.476K | Pathological fracture, unspecified foot, subsequent encounter for fracture with nonunion                           |
| M84.477K | Pathological fracture, right toe(s), subsequent encounter for fracture with nonunion                               |
| M84.478K | Pathological fracture, left toe(s), subsequent encounter for fracture with nonunion                                |
| M84.479K | Pathological fracture, unspecified toe(s), subsequent encounter for fracture with nonunion                         |
| M84.511K | Pathological fracture in neoplastic disease, right shoulder, subsequent encounter for fracture with nonunion       |
| M84.512K | Pathological fracture in neoplastic disease, left shoulder, subsequent encounter for fracture with nonunion        |
| M84.519K | Pathological fracture in neoplastic disease, unspecified shoulder, subsequent encounter for fracture with nonunion |
| M84.521K | Pathological fracture in neoplastic disease, right humerus, subsequent encounter for fracture with nonunion        |
| M84.522K | Pathological fracture in neoplastic disease, left humerus, subsequent encounter for fracture with nonunion         |
| M84.529K | Pathological fracture in neoplastic disease, unspecified humerus, subsequent encounter for fracture with nonunion  |
| M84.531K | Pathological fracture in neoplastic disease, right ulna, subsequent encounter for fracture with nonunion           |
| M84.532K | Pathological fracture in neoplastic disease, left ulna, subsequent encounter for fracture with nonunion            |

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| M84.533K | Pathological fracture in neoplastic disease, right radius, subsequent encounter for fracture with nonunion                 |
| M84.534K | Pathological fracture in neoplastic disease, left radius, subsequent encounter for fracture with nonunion                  |
| M84.539K | Pathological fracture in neoplastic disease, unspecified ulna and radius, subsequent encounter for fracture with nonunion  |
| M84.541K | Pathological fracture in neoplastic disease, right hand, subsequent encounter for fracture with nonunion                   |
| M84.542K | Pathological fracture in neoplastic disease, left hand, subsequent encounter for fracture with nonunion                    |
| M84.549K | Pathological fracture in neoplastic disease, unspecified hand, subsequent encounter for fracture with nonunion             |
| M84.550K | Pathological fracture in neoplastic disease, pelvis, subsequent encounter for fracture with nonunion                       |
| M84.551K | Pathological fracture in neoplastic disease, right femur, subsequent encounter for fracture with nonunion                  |
| M84.552K | Pathological fracture in neoplastic disease, left femur, subsequent encounter for fracture with nonunion                   |
| M84.553K | Pathological fracture in neoplastic disease, unspecified femur, subsequent encounter for fracture with nonunion            |
| M84.559K | Pathological fracture in neoplastic disease, hip, unspecified, subsequent encounter for fracture with nonunion             |
| M84.561K | Pathological fracture in neoplastic disease, right tibia, subsequent encounter for fracture with nonunion                  |
| M84.562K | Pathological fracture in neoplastic disease, left tibia, subsequent encounter for fracture with nonunion                   |
| M84.563K | Pathological fracture in neoplastic disease, right fibula, subsequent encounter for fracture with nonunion                 |
| M84.564K | Pathological fracture in neoplastic disease, left fibula, subsequent encounter for fracture with nonunion                  |
| M84.569K | Pathological fracture in neoplastic disease, unspecified tibia and fibula, subsequent encounter for fracture with nonunion |
| M84.571K | Pathological fracture in neoplastic disease, right ankle, subsequent encounter for fracture with nonunion                  |
| M84.572K | Pathological fracture in neoplastic disease, left ankle, subsequent encounter for fracture with nonunion                   |
| M84.573K | Pathological fracture in neoplastic disease, unspecified ankle, subsequent encounter for fracture with nonunion            |
| M84.574K | Pathological fracture in neoplastic disease, right foot, subsequent encounter for fracture with nonunion                   |
| M84.575K | Pathological fracture in neoplastic disease, left foot, subsequent encounter for fracture with nonunion                    |
| M84.576K | Pathological fracture in neoplastic disease, unspecified foot, subsequent encounter for fracture with nonunion             |
| M84.611K | Pathological fracture in other disease, right shoulder, subsequent encounter for fracture with nonunion                    |
| M84.612K | Pathological fracture in other disease, left shoulder, subsequent encounter for fracture with nonunion                     |
| M84.619K | Pathological fracture in other disease, unspecified shoulder, subsequent encounter for fracture with nonunion              |
| M84.621K | Pathological fracture in other disease, right humerus, subsequent encounter for fracture with nonunion                     |
| M84.622K | Pathological fracture in other disease, left humerus, subsequent encounter for fracture with nonunion                      |
| M84.629K | Pathological fracture in other disease, unspecified humerus, subsequent encounter for fracture with nonunion               |
| M84.631K | Pathological fracture in other disease, right ulna, subsequent encounter for fracture with nonunion                        |
| M84.632K | Pathological fracture in other disease, left ulna, subsequent encounter for fracture with nonunion                         |
| M84.633K | Pathological fracture in other disease, right radius, subsequent encounter for fracture with nonunion                      |
| M84.634K | Pathological fracture in other disease, left radius, subsequent encounter for fracture with nonunion                       |
| M84.639K | Pathological fracture in other disease, unspecified ulna and radius, subsequent encounter for fracture with nonunion       |
| M84.641K | Pathological fracture in other disease, right hand, subsequent encounter for fracture with nonunion                        |
| M84.642K | Pathological fracture in other disease, left hand, subsequent encounter for fracture with nonunion                         |
| M84.649K | Pathological fracture in other disease, unspecified hand, subsequent encounter for fracture with nonunion                  |
| M84.650K | Pathological fracture in other disease, pelvis, subsequent encounter for fracture with nonunion                            |
| M84.651K | Pathological fracture in other disease, right femur, subsequent encounter for fracture with nonunion                       |
| M84.652K | Pathological fracture in other disease, left femur, subsequent encounter for fracture with nonunion                        |
| M84.653K | Pathological fracture in other disease, unspecified femur, subsequent encounter for fracture with nonunion                 |
| M84.659K | Pathological fracture in other disease, hip, unspecified, subsequent encounter for fracture with nonunion                  |
| M84.661K | Pathological fracture in other disease, right tibia, subsequent encounter for fracture with nonunion                       |
| M84.662K | Pathological fracture in other disease, left tibia, subsequent encounter for fracture with nonunion                        |
| M84.663K | Pathological fracture in other disease, right fibula, subsequent encounter for fracture with nonunion                      |
| M84.664K | Pathological fracture in other disease, left fibula, subsequent encounter for fracture with nonunion                       |
| M84.669K | Pathological fracture in other disease, unspecified tibia and fibula, subsequent encounter for fracture with nonunion      |
| M84.671K | Pathological fracture in other disease, right ankle, subsequent encounter for fracture with nonunion                       |
| M84.672K | Pathological fracture in other disease, left ankle, subsequent encounter for fracture with nonunion                        |
| M84.673K | Pathological fracture in other disease, unspecified ankle, subsequent encounter for fracture with nonunion                 |
| M84.674K | Pathological fracture in other disease, right foot, subsequent encounter for fracture with nonunion                        |
| M84.675K | Pathological fracture in other disease, left foot, subsequent encounter for fracture with nonunion                         |
| M84.676K | Pathological fracture in other disease, unspecified foot, subsequent encounter for fracture with nonunion                  |
| M84.750G | Atypical femoral fracture, unspecified, subsequent encounter for fracture with delayed healing                             |

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| M84.750K | Atypical femoral fracture, unspecified, subsequent encounter for fracture with nonunion                                |
| M84.750P | Atypical femoral fracture, unspecified, subsequent encounter for fracture with malunion                                |
| M84.751G | Incomplete atypical femoral fracture, right leg, subsequent encounter for fracture with delayed healing                |
| M84.751K | Incomplete atypical femoral fracture, right leg, subsequent encounter for fracture with nonunion                       |
| M84.751P | Incomplete atypical femoral fracture, right leg, subsequent encounter for fracture with malunion                       |
| M84.752G | Incomplete atypical femoral fracture, left leg, subsequent encounter for fracture with delayed healing                 |
| M84.752K | Incomplete atypical femoral fracture, left leg, subsequent encounter for fracture with nonunion                        |
| M84.752P | Incomplete atypical femoral fracture, left leg, subsequent encounter for fracture with malunion                        |
| M84.753G | Incomplete atypical femoral fracture, unspecified leg, subsequent encounter for fracture with delayed healing          |
| M84.753K | Incomplete atypical femoral fracture, unspecified leg, subsequent encounter for fracture with nonunion                 |
| M84.753P | Incomplete atypical femoral fracture, unspecified leg, subsequent encounter for fracture with malunion                 |
| M84.754G | Complete transverse atypical femoral fracture, right leg, subsequent encounter for fracture with delayed healing       |
| M84.754K | Complete transverse atypical femoral fracture, right leg, subsequent encounter for fracture with nonunion              |
| M84.754P | Complete transverse atypical femoral fracture, right leg, subsequent encounter for fracture with malunion              |
| M84.755G | Complete transverse atypical femoral fracture, left leg, subsequent encounter for fracture with delayed healing        |
| M84.755K | Complete transverse atypical femoral fracture, left leg, subsequent encounter for fracture with nonunion               |
| M84.755P | Complete transverse atypical femoral fracture, left leg, subsequent encounter for fracture with malunion               |
| M84.756G | Complete transverse atypical femoral fracture, unspecified leg, subsequent encounter for fracture with delayed healing |
| M84.756K | Complete transverse atypical femoral fracture, unspecified leg, subsequent encounter for fracture with nonunion        |
| M84.756P | Complete transverse atypical femoral fracture, unspecified leg, subsequent encounter for fracture with malunion        |
| M84.757G | Complete oblique atypical femoral fracture, right leg, subsequent encounter for fracture with delayed healing          |
| M84.757K | Complete oblique atypical femoral fracture, right leg, subsequent encounter for fracture with nonunion                 |
| M84.757P | Complete oblique atypical femoral fracture, right leg, subsequent encounter for fracture with malunion                 |
| M84.758G | Complete oblique atypical femoral fracture, left leg, subsequent encounter for fracture with delayed healing           |
| M84.758K | Complete oblique atypical femoral fracture, left leg, subsequent encounter for fracture with nonunion                  |
| M84.758P | Complete oblique atypical femoral fracture, left leg, subsequent encounter for fracture with malunion                  |
| M84.759G | Complete oblique atypical femoral fracture, unspecified leg, subsequent encounter for fracture with delayed healing    |
| M84.759K | Complete oblique atypical femoral fracture, unspecified leg, subsequent encounter for fracture with nonunion           |
| M84.759P | Complete oblique atypical femoral fracture, unspecified leg, subsequent encounter for fracture with malunion           |
| Q74.0    | Other congenital malformations of upper limb (s), including shoulder girdle  |
| Q74.1    | Congenital malformation of knee  |
| Q74.2    | Other congenital malformations of lower limb(s), including pelvic girdle   |
| Q74.3    | Arthrogryposis multiplex congenita   |
| Q74.8    | Other specified congenital malformations of limb(s)  |
| Q74.9    | Unspecified congenital malformations of limb(s)  |
| S42.001K | Fracture of unspecified part of right clavicle, subsequent encounter for fracture with nonunion                        |
| S42.002K | Fracture of unspecified part of left clavicle, subsequent encounter for fracture with nonunion                         |
| S42.009K | Fracture of unspecified part of unspecified clavicle, subsequent encounter for fracture with nonunion                  |
| S42.011K | Anterior displaced fracture of sternal end of right clavicle, subsequent encounter for fracture with nonunion          |
| S42.012K | Anterior displaced fracture of sternal end of left clavicle, subsequent encounter for fracture with nonunion           |
| S42.013K | Anterior displaced fracture of sternal end of unspecified clavicle, subsequent encounter for fracture with nonunion    |
| S42.014K | Posterior displaced fracture of sternal end of right clavicle, subsequent encounter for fracture with nonunion         |
| S42.015K | Posterior displaced fracture of sternal end of left clavicle, subsequent encounter for fracture with nonunion          |
| S42.016K | Posterior displaced fracture of sternal end of unspecified clavicle, subsequent encounter for fracture with nonunion   |
| S42.017K | Nondisplaced fracture of sternal end of right clavicle, subsequent encounter for fracture with nonunion                |
| S42.018K | Nondisplaced fracture of sternal end of left clavicle, subsequent encounter for fracture with nonunion                 |
| S42.019K | Nondisplaced fracture of sternal end of unspecified clavicle, subsequent encounter for fracture with nonunion          |
| S42.021K | Displaced fracture of shaft of right clavicle, subsequent encounter for fracture with nonunion                         |
| S42.022K | Displaced fracture of shaft of left clavicle, subsequent encounter for fracture with nonunion                          |
| S42.023K | Displaced fracture of shaft of unspecified clavicle, subsequent encounter for fracture with nonunion                   |
| S42.024K | Nondisplaced fracture of shaft of right clavicle, subsequent encounter for fracture with nonunion                      |
| S42.025K | Nondisplaced fracture of shaft of left clavicle, subsequent encounter for fracture with nonunion                       |
| S42.026K | Nondisplaced fracture of shaft of unspecified clavicle, subsequent encounter for fracture with nonunion                |

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| S42.031K | Displaced fracture of lateral end of right clavicle, subsequent encounter for fracture with nonunion                      |
| S42.032K | Displaced fracture of lateral end of left clavicle, subsequent encounter for fracture with nonunion                       |
| S42.033K | Displaced fracture of lateral end of unspecified clavicle, subsequent encounter for fracture with nonunion                |
| S42.034K | Nondisplaced fracture of lateral end of right clavicle, subsequent encounter for fracture with nonunion                   |
| S42.035K | Nondisplaced fracture of lateral end of left clavicle, subsequent encounter for fracture with nonunion                    |
| S42.036K | Nondisplaced fracture of lateral end of unspecified clavicle, subsequent encounter for fracture with nonunion             |
| S42.101K | Fracture of unspecified part of scapula, right shoulder, subsequent encounter for fracture with nonunion                  |
| S42.102K | Fracture of unspecified part of scapula, left shoulder, subsequent encounter for fracture with nonunion                   |
| S42.109K | Fracture of unspecified part of scapula, unspecified shoulder, subsequent encounter for fracture with nonunion            |
| S42.111K | Displaced fracture of body of scapula, right shoulder, subsequent encounter for fracture with nonunion                    |
| S42.112K | Displaced fracture of body of scapula, left shoulder, subsequent encounter for fracture with nonunion                     |
| S42.113K | Displaced fracture of body of scapula, unspecified shoulder, subsequent encounter for fracture with nonunion              |
| S42.114K | Nondisplaced fracture of body of scapula, right shoulder, subsequent encounter for fracture with nonunion                 |
| S42.115K | Nondisplaced fracture of body of scapula, left shoulder, subsequent encounter for fracture with nonunion                  |
| S42.116K | Nondisplaced fracture of body of scapula, unspecified shoulder, subsequent encounter for fracture with nonunion           |
| S42.121K | Displaced fracture of acromial process, right shoulder, subsequent encounter for fracture with nonunion                   |
| S42.122K | Displaced fracture of acromial process, left shoulder, subsequent encounter for fracture with nonunion                    |
| S42.123K | Displaced fracture of acromial process, unspecified shoulder, subsequent encounter for fracture with nonunion             |
| S42.124K | Nondisplaced fracture of acromial process, right shoulder, subsequent encounter for fracture with nonunion                |
| S42.125K | Nondisplaced fracture of acromial process, left shoulder, subsequent encounter for fracture with nonunion                 |
| S42.126K | Nondisplaced fracture of acromial process, unspecified shoulder, subsequent encounter for fracture with nonunion          |
| S42.131K | Displaced fracture of coracoid process, right shoulder, subsequent encounter for fracture with nonunion                   |
| S42.132K | Displaced fracture of coracoid process, left shoulder, subsequent encounter for fracture with nonunion                    |
| S42.133K | Displaced fracture of coracoid process, unspecified shoulder, subsequent encounter for fracture with nonunion             |
| S42.134K | Nondisplaced fracture of coracoid process, right shoulder, subsequent encounter for fracture with nonunion                |
| S42.135K | Nondisplaced fracture of coracoid process, left shoulder, subsequent encounter for fracture with nonunion                 |
| S42.136K | Nondisplaced fracture of coracoid process, unspecified shoulder, subsequent encounter for fracture with nonunion          |
| S42.141K | Displaced fracture of glenoid cavity of scapula, right shoulder, subsequent encounter for fracture with nonunion          |
| S42.142K | Displaced fracture of glenoid cavity of scapula, left shoulder, subsequent encounter for fracture with nonunion           |
| S42.143K | Displaced fracture of glenoid cavity of scapula, unspecified shoulder, subsequent encounter for fracture with nonunion    |
| S42.144K | Nondisplaced fracture of glenoid cavity of scapula, right shoulder, subsequent encounter for fracture with nonunion       |
| S42.145K | Nondisplaced fracture of glenoid cavity of scapula, left shoulder, subsequent encounter for fracture with nonunion        |
| S42.146K | Nondisplaced fracture of glenoid cavity of scapula, unspecified shoulder, subsequent encounter for fracture with nonunion |
| S42.151K | Displaced fracture of neck of scapula, right shoulder, subsequent encounter for fracture with nonunion                    |
| S42.152K | Displaced fracture of neck of scapula, left shoulder, subsequent encounter for fracture with nonunion                     |
| S42.153K | Displaced fracture of neck of scapula, unspecified shoulder, subsequent encounter for fracture with nonunion              |
| S42.154K | Nondisplaced fracture of neck of scapula, right shoulder, subsequent encounter for fracture with nonunion                 |
| S42.155K | Nondisplaced fracture of neck of scapula, left shoulder, subsequent encounter for fracture with nonunion                  |
| S42.156K | Nondisplaced fracture of neck of scapula, unspecified shoulder, subsequent encounter for fracture with nonunion           |
| S42.191K | Fracture of other part of scapula, right shoulder, subsequent encounter for fracture with nonunion                        |
| S42.192K | Fracture of other part of scapula, left shoulder, subsequent encounter for fracture with nonunion                         |
| S42.199K | Fracture of other part of scapula, unspecified shoulder, subsequent encounter for fracture with nonunion                  |
| S42.201K | Unspecified fracture of upper end of right humerus, subsequent encounter for fracture with nonunion                       |
| S42.202K | Unspecified fracture of upper end of left humerus, subsequent encounter for fracture with nonunion                        |
| S42.209K | Unspecified fracture of upper end of unspecified humerus, subsequent encounter for fracture with nonunion                 |
| S42.211K | Unspecified displaced fracture of surgical neck of right humerus, subsequent encounter for fracture with nonunion         |
| S42.212K | Unspecified displaced fracture of surgical neck of left humerus, subsequent encounter for fracture with nonunion          |

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| S42.213K | Unspecified displaced fracture of surgical neck of unspecified humerus, subsequent encounter for fracture with nonunion    |
| S42.214K | Unspecified nondisplaced fracture of surgical neck of right humerus, subsequent encounter for fracture with nonunion       |
| S42.215K | Unspecified nondisplaced fracture of surgical neck of left humerus, subsequent encounter for fracture with nonunion        |
| S42.216K | Unspecified nondisplaced fracture of surgical neck of unspecified humerus, subsequent encounter for fracture with nonunion |
| S42.221K | 2-part displaced fracture of surgical neck of right humerus, subsequent encounter for fracture with nonunion               |
| S42.222K | 2-part displaced fracture of surgical neck of left humerus, subsequent encounter for fracture with nonunion                |
| S42.223K | 2-part displaced fracture of surgical neck of unspecified humerus, subsequent encounter for fracture with nonunion         |
| S42.224K | 2-part nondisplaced fracture of surgical neck of right humerus, subsequent encounter for fracture with nonunion            |
| S42.225K | 2-part nondisplaced fracture of surgical neck of left humerus, subsequent encounter for fracture with nonunion             |
| S42.226K | 2-part nondisplaced fracture of surgical neck of unspecified humerus, subsequent encounter for fracture with nonunion      |
| S42.231K | 3-part fracture of surgical neck of right humerus, subsequent encounter for fracture with nonunion                         |
| S42.232K | 3-part fracture of surgical neck of left humerus, subsequent encounter for fracture with nonunion                          |
| S42.239K | 3-part fracture of surgical neck of unspecified humerus, subsequent encounter for fracture with nonunion                   |
| S42.241K | 4-part fracture of surgical neck of right humerus, subsequent encounter for fracture with nonunion                         |
| S42.242K | 4-part fracture of surgical neck of left humerus, subsequent encounter for fracture with nonunion                          |
| S42.249K | 4-part fracture of surgical neck of unspecified humerus, subsequent encounter for fracture with nonunion                   |
| S42.251K | Displaced fracture of greater tuberosity of right humerus, subsequent encounter for fracture with nonunion                 |
| S42.252K | Displaced fracture of greater tuberosity of left humerus, subsequent encounter for fracture with nonunion                  |
| S42.253K | Displaced fracture of greater tuberosity of unspecified humerus, subsequent encounter for fracture with nonunion           |
| S42.254K | Nondisplaced fracture of greater tuberosity of right humerus, subsequent encounter for fracture with nonunion              |
| S42.255K | Nondisplaced fracture of greater tuberosity of left humerus, subsequent encounter for fracture with nonunion               |
| S42.256K | Nondisplaced fracture of greater tuberosity of unspecified humerus, subsequent encounter for fracture with nonunion        |
| S42.261K | Displaced fracture of lesser tuberosity of right humerus, subsequent encounter for fracture with nonunion                  |
| S42.262K | Displaced fracture of lesser tuberosity of left humerus, subsequent encounter for fracture with nonunion                   |
| S42.263K | Displaced fracture of lesser tuberosity of unspecified humerus, subsequent encounter for fracture with nonunion            |
| S42.264K | Nondisplaced fracture of lesser tuberosity of right humerus, subsequent encounter for fracture with nonunion               |
| S42.265K | Nondisplaced fracture of lesser tuberosity of left humerus, subsequent encounter for fracture with nonunion                |
| S42.266K | Nondisplaced fracture of lesser tuberosity of unspecified humerus, subsequent encounter for fracture with nonunion         |
| S42.271K | Torus fracture of upper end of right humerus, subsequent encounter for fracture with nonunion                              |
| S42.272K | Torus fracture of upper end of left humerus, subsequent encounter for fracture with nonunion                               |
| S42.279K | Torus fracture of upper end of unspecified humerus, subsequent encounter for fracture with nonunion                        |
| S42.291K | Other displaced fracture of upper end of right humerus, subsequent encounter for fracture with nonunion                    |
| S42.292K | Other displaced fracture of upper end of left humerus, subsequent encounter for fracture with nonunion                     |
| S42.293K | Other displaced fracture of upper end of unspecified humerus, subsequent encounter for fracture with nonunion              |
| S42.294K | Other nondisplaced fracture of upper end of right humerus, subsequent encounter for fracture with nonunion                 |
| S42.295K | Other nondisplaced fracture of upper end of left humerus, subsequent encounter for fracture with nonunion                  |
| S42.296K | Other nondisplaced fracture of upper end of unspecified humerus, subsequent encounter for fracture with nonunion           |
| S42.301K | Unspecified fracture of shaft of humerus, right arm, subsequent encounter for fracture with nonunion                       |
| S42.302K | Unspecified fracture of shaft of humerus, left arm, subsequent encounter for fracture with nonunion                        |
| S42.309K | Unspecified fracture of shaft of humerus, unspecified arm, subsequent encounter for fracture with nonunion                 |
| S42.311K | Greenstick fracture of shaft of humerus, right arm, subsequent encounter for fracture with nonunion                        |
| S42.312K | Greenstick fracture of shaft of humerus, left arm, subsequent encounter for fracture with nonunion                         |
| S42.319K | Greenstick fracture of shaft of humerus, unspecified arm, subsequent encounter for fracture with nonunion                  |
| S42.321K | Displaced transverse fracture of shaft of humerus, right arm, subsequent encounter for fracture with nonunion              |
| S42.322K | Displaced transverse fracture of shaft of humerus, left arm, subsequent encounter for fracture with nonunion               |
| S42.323K | Displaced transverse fracture of shaft of humerus, unspecified arm, subsequent encounter for fracture with nonunion        |



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| S42.324K | Nondisplaced transverse fracture of shaft of humerus, right arm, subsequent encounter for fracture with nonunion                               |
| S42.325K | Nondisplaced transverse fracture of shaft of humerus, left arm, subsequent encounter for fracture with nonunion                                |
| S42.326K | Nondisplaced transverse fracture of shaft of humerus, unspecified arm, subsequent encounter for fracture with nonunion                         |
| S42.331K | Displaced oblique fracture of shaft of humerus, right arm, subsequent encounter for fracture with nonunion                                     |
| S42.332K | Displaced oblique fracture of shaft of humerus, left arm, subsequent encounter for fracture with nonunion                                      |
| S42.333K | Displaced oblique fracture of shaft of humerus, unspecified arm, subsequent encounter for fracture with nonunion                               |
| S42.334K | Nondisplaced oblique fracture of shaft of humerus, right arm, subsequent encounter for fracture with nonunion                                  |
| S42.335K | Nondisplaced oblique fracture of shaft of humerus, left arm, subsequent encounter for fracture with nonunion                                   |
| S42.336K | Nondisplaced oblique fracture of shaft of humerus, unspecified arm, subsequent encounter for fracture with nonunion                            |
| S42.341K | Displaced spiral fracture of shaft of humerus, right arm, subsequent encounter for fracture with nonunion                                      |
| S42.342K | Displaced spiral fracture of shaft of humerus, left arm, subsequent encounter for fracture with nonunion                                       |
| S42.343K | Displaced spiral fracture of shaft of humerus, unspecified arm, subsequent encounter for fracture with nonunion                                |
| S42.344K | Nondisplaced spiral fracture of shaft of humerus, right arm, subsequent encounter for fracture with nonunion                                   |
| S42.345K | Nondisplaced spiral fracture of shaft of humerus, left arm, subsequent encounter for fracture with nonunion                                    |
| S42.346K | Nondisplaced spiral fracture of shaft of humerus, unspecified arm, subsequent encounter for fracture with nonunion                             |
| S42.351K | Displaced comminuted fracture of shaft of humerus, right arm, subsequent encounter for fracture with nonunion                                  |
| S42.352K | Displaced comminuted fracture of shaft of humerus, left arm, subsequent encounter for fracture with nonunion                                   |
| S42.353K | Displaced comminuted fracture of shaft of humerus, unspecified arm, subsequent encounter for fracture with nonunion                            |
| S42.354K | Nondisplaced comminuted fracture of shaft of humerus, right arm, subsequent encounter for fracture with nonunion                               |
| S42.355K | Nondisplaced comminuted fracture of shaft of humerus, left arm, subsequent encounter for fracture with nonunion                                |
| S42.356K | Nondisplaced comminuted fracture of shaft of humerus, unspecified arm, subsequent encounter for fracture with nonunion                         |
| S42.361K | Displaced segmental fracture of shaft of humerus, right arm, subsequent encounter for fracture with nonunion                                   |
| S42.362K | Displaced segmental fracture of shaft of humerus, left arm, subsequent encounter for fracture with nonunion                                    |
| S42.363K | Displaced segmental fracture of shaft of humerus, unspecified arm, subsequent encounter for fracture with nonunion                             |
| S42.364K | Nondisplaced segmental fracture of shaft of humerus, right arm, subsequent encounter for fracture with nonunion                                |
| S42.365K | Nondisplaced segmental fracture of shaft of humerus, left arm, subsequent encounter for fracture with nonunion                                 |
| S42.366K | Nondisplaced segmental fracture of shaft of humerus, unspecified arm, subsequent encounter for fracture with nonunion                          |
| S42.391K | Other fracture of shaft of right humerus, subsequent encounter for fracture with nonunion  |
| S42.392K | Other fracture of shaft of left humerus, subsequent encounter for fracture with nonunion   |
| S42.399K | Other fracture of shaft of unspecified humerus, subsequent encounter for fracture with nonunion  |
| S42.401K | Unspecified fracture of lower end of right humerus, subsequent encounter for fracture with nonunion  |
| S42.402K | Unspecified fracture of lower end of left humerus, subsequent encounter for fracture with nonunion   |
| S42.409K | Unspecified fracture of lower end of unspecified humerus, subsequent encounter for fracture with nonunion                                      |
| S42.411K | Displaced simple supracondylar fracture without intercondylar fracture of right humerus, subsequent encounter for fracture with nonunion       |
| S42.412K | Displaced simple supracondylar fracture without intercondylar fracture of left humerus, subsequent encounter for fracture with nonunion        |
| S42.413K | Displaced simple supracondylar fracture without intercondylar fracture of unspecified humerus, subsequent encounter for fracture with nonunion |
| S42.414K | Nondisplaced simple supracondylar fracture without intercondylar fracture of right humerus, subsequent encounter for fracture with nonunion    |
| S42.415K | Nondisplaced simple supracondylar fracture without intercondylar fracture of left humerus, subsequent encounter for fracture with nonunion     |

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| S42.416K | Nondisplaced simple supracondylar fracture without intercondylar fracture of unspecified humerus, subsequent encounter for fracture with nonunion     |
| S42.421K | Displaced comminuted supracondylar fracture without intercondylar fracture of right humerus, subsequent encounter for fracture with nonunion          |
| S42.422K | Displaced comminuted supracondylar fracture without intercondylar fracture of left humerus, subsequent encounter for fracture with nonunion           |
| S42.423K | Displaced comminuted supracondylar fracture without intercondylar fracture of unspecified humerus, subsequent encounter for fracture with nonunion    |
| S42.424K | Nondisplaced comminuted supracondylar fracture without intercondylar fracture of right humerus, subsequent encounter for fracture with nonunion       |
| S42.425K | Nondisplaced comminuted supracondylar fracture without intercondylar fracture of left humerus, subsequent encounter for fracture with nonunion        |
| S42.426K | Nondisplaced comminuted supracondylar fracture without intercondylar fracture of unspecified humerus, subsequent encounter for fracture with nonunion |
| S42.431K | Displaced fracture (avulsion) of lateral epicondyle of right humerus, subsequent encounter for fracture with nonunion                                 |
| S42.432K | Displaced fracture (avulsion) of lateral epicondyle of left humerus, subsequent encounter for fracture with nonunion                                  |
| S42.433K | Displaced fracture (avulsion) of lateral epicondyle of unspecified humerus, subsequent encounter for fracture with nonunion                           |
| S42.434K | Nondisplaced fracture (avulsion) of lateral epicondyle of right humerus, subsequent encounter for fracture with nonunion                              |
| S42.435K | Nondisplaced fracture (avulsion) of lateral epicondyle of left humerus, subsequent encounter for fracture with nonunion                               |
| S42.436K | Nondisplaced fracture (avulsion) of lateral epicondyle of unspecified humerus, subsequent encounter for fracture with nonunion                        |
| S42.441K | Displaced fracture (avulsion) of medial epicondyle of right humerus, subsequent encounter for fracture with nonunion                                  |
| S42.442K | Displaced fracture (avulsion) of medial epicondyle of left humerus, subsequent encounter for fracture with nonunion                                   |
| S42.443K | Displaced fracture (avulsion) of medial epicondyle of unspecified humerus, subsequent encounter for fracture with nonunion                            |
| S42.444K | Nondisplaced fracture (avulsion) of medial epicondyle of right humerus, subsequent encounter for fracture with nonunion                               |
| S42.445K | Nondisplaced fracture (avulsion) of medial epicondyle of left humerus, subsequent encounter for fracture with nonunion                                |
| S42.446K | Nondisplaced fracture (avulsion) of medial epicondyle of unspecified humerus, subsequent encounter for fracture with nonunion                         |
| S42.447K | Incarcerated fracture (avulsion) of medial epicondyle of right humerus, subsequent encounter for fracture with nonunion                               |
| S42.448K | Incarcerated fracture (avulsion) of medial epicondyle of left humerus, subsequent encounter for fracture with nonunion                                |
| S42.449K | Incarcerated fracture (avulsion) of medial epicondyle of unspecified humerus, subsequent encounter for fracture with nonunion                         |
| S42.451K | Displaced fracture of lateral condyle of right humerus, subsequent encounter for fracture with nonunion   |
| S42.452K | Displaced fracture of lateral condyle of left humerus, subsequent encounter for fracture with nonunion  |
| S42.453K | Displaced fracture of lateral condyle of unspecified humerus, subsequent encounter for fracture with nonunion   |
| S42.454K | Nondisplaced fracture of lateral condyle of right humerus, subsequent encounter for fracture with nonunion  |
| S42.455K | Nondisplaced fracture of lateral condyle of left humerus, subsequent encounter for fracture with nonunion   |
| S42.456K | Nondisplaced fracture of lateral condyle of unspecified humerus, subsequent encounter for fracture with nonunion                                      |
| S42.461K | Displaced fracture of medial condyle of right humerus, subsequent encounter for fracture with nonunion  |
| S42.462K | Displaced fracture of medial condyle of left humerus, subsequent encounter for fracture with nonunion   |
| S42.463K | Displaced fracture of medial condyle of unspecified humerus, subsequent encounter for fracture with nonunion  |
| S42.464K | Nondisplaced fracture of medial condyle of right humerus, subsequent encounter for fracture with nonunion   |
| S42.465K | Nondisplaced fracture of medial condyle of left humerus, subsequent encounter for fracture with nonunion  |
| S42.466K | Nondisplaced fracture of medial condyle of unspecified humerus, subsequent encounter for fracture with nonunion                                       |

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| S42.471K | Displaced transcondylar fracture of right humerus, subsequent encounter for fracture with nonunion                               |
| S42.472K | Displaced transcondylar fracture of left humerus, subsequent encounter for fracture with nonunion                                |
| S42.473K | Displaced transcondylar fracture of unspecified humerus, subsequent encounter for fracture with nonunion                         |
| S42.474K | Nondisplaced transcondylar fracture of right humerus, subsequent encounter for fracture with nonunion                            |
| S42.475K | Nondisplaced transcondylar fracture of left humerus, subsequent encounter for fracture with nonunion                             |
| S42.476K | Nondisplaced transcondylar fracture of unspecified humerus, subsequent encounter for fracture with nonunion                      |
| S42.481K | Torus fracture of lower end of right humerus, subsequent encounter for fracture with nonunion                                    |
| S42.482K | Torus fracture of lower end of left humerus, subsequent encounter for fracture with nonunion                                     |
| S42.489K | Torus fracture of lower end of unspecified humerus, subsequent encounter for fracture with nonunion                              |
| S42.491K | Other displaced fracture of lower end of right humerus, subsequent encounter for fracture with nonunion                          |
| S42.492K | Other displaced fracture of lower end of left humerus, subsequent encounter for fracture with nonunion                           |
| S42.493K | Other displaced fracture of lower end of unspecified humerus, subsequent encounter for fracture with nonunion                    |
| S42.494K | Other nondisplaced fracture of lower end of right humerus, subsequent encounter for fracture with nonunion                       |
| S42.495K | Other nondisplaced fracture of lower end of left humerus, subsequent encounter for fracture with nonunion                        |
| S42.496K | Other nondisplaced fracture of lower end of unspecified humerus, subsequent encounter for fracture with nonunion                 |
| S42.90XK | Fracture of unspecified shoulder girdle, part unspecified, subsequent encounter for fracture with nonunion                       |
| S42.91XK | Fracture of right shoulder girdle, part unspecified, subsequent encounter for fracture with nonunion                             |
| S42.92XK | Fracture of left shoulder girdle, part unspecified, subsequent encounter for fracture with nonunion                              |
| S49.001K | Unspecified physeal fracture of upper end of humerus, right arm, subsequent encounter for fracture with nonunion                 |
| S49.002K | Unspecified physeal fracture of upper end of humerus, left arm, subsequent encounter for fracture with nonunion                  |
| S49.009K | Unspecified physeal fracture of upper end of humerus, unspecified arm, subsequent encounter for fracture with nonunion           |
| S49.011K | Salter-Harris type I physeal fracture of upper end of humerus, right arm, subsequent encounter for fracture with nonunion        |
| S49.012K | Salter-Harris type I physeal fracture of upper end of humerus, left arm, subsequent encounter for fracture with nonunion         |
| S49.019K | Salter-Harris type I physeal fracture of upper end of humerus, unspecified arm, subsequent encounter for fracture with nonunion  |
| S49.021K | Salter-Harris type ii physeal fracture of upper end of humerus, right arm, subsequent encounter for fracture with nonunion       |
| S49.022K | Salter-Harris type ii physeal fracture of upper end of humerus, left arm, subsequent encounter for fracture with nonunion        |
| S49.029K | Salter-Harris type ii physeal fracture of upper end of humerus, unspecified arm, subsequent encounter for fracture with nonunion |
| S49.031K | Salter-Harris type iii physeal fracture of upper end of humerus right arm subsequent encounter for fracture with nonunion        |
| S49.032K | Salter-Harris type iii physeal fracture of upper end of humerus left arm subsequent encounter for fracture with nonunion         |
| S49.039K | Salter-Harris type iii physeal fracture of upper end of humerus unspecified arm subsequent encounter for fracture with nonunion  |
| S49.041K | Salter-Harris type iv physeal fracture of upper end of humerus, right arm, subsequent encounter for fracture with nonunion       |
| S49.042K | Salter-Harris type iv physeal fracture of upper end of humerus, left arm, subsequent encounter for fracture with nonunion        |
| S49.049K | Salter-Harris type iv physeal fracture of upper end of humerus, unspecified arm, subsequent encounter for fracture with nonunion |
| S49.091K | Other physeal fracture of upper end of humerus, right arm, subsequent encounter for fracture with nonunion                       |
| S49.092K | Other physeal fracture of upper end of humerus, left arm, subsequent encounter for fracture with nonunion                        |
| S49.099K | Other physeal fracture of upper end of humerus, unspecified arm, subsequent encounter for fracture with nonunion                 |
| S49.101K | Unspecified physeal fracture of lower end of humerus, right arm, subsequent encounter for fracture with nonunion                 |
| S49.102K | Unspecified physeal fracture of lower end of humerus, left arm, subsequent encounter for fracture with nonunion                  |

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| S49.109K | Unspecified physeal fracture of lower end of humerus, unspecified arm, subsequent encounter for fracture with nonunion  |
| S49.111K | Salter-Harris type I physeal fracture of lower end of humerus, right arm, subsequent encounter for fracture with nonunion   |
| S49.112K | Salter-Harris type I physeal fracture of lower end of humerus, left arm, subsequent encounter for fracture with nonunion  |
| S49.119K | Salter-Harris type I physeal fracture of lower end of humerus, unspecified arm, subsequent encounter for fracture with nonunion                                       |
| S49.121K | Salter-Harris type ii physeal fracture of lower end of humerus, right arm, subsequent encounter for fracture with nonunion  |
| S49.122K | Salter-Harris type ii physeal fracture of lower end of humerus, left arm, subsequent encounter for fracture with nonunion   |
| S49.129K | Salter-Harris type ii physeal fracture of lower end of humerus, unspecified arm, subsequent encounter for fracture with nonunion                                      |
| S49.131K | Salter-Harris type iii physeal fracture of lower end of humerus right arm subsequent encounter for fracture with nonunion   |
| S49.132K | Salter-Harris type iii physeal fracture of lower end of humerus left arm subsequent encounter for fracture with nonunion  |
| S49.139K | Salter-Harris type iii physeal fracture of lower end of humerus unspecified arm subsequent encounter for fracture with nonunion                                       |
| S49.141K | Salter-Harris type iv physeal fracture of lower end of humerus, right arm, subsequent encounter for fracture with nonunion  |
| S49.142K | Salter-Harris type iv physeal fracture of lower end of humerus, left arm, subsequent encounter for fracture with nonunion   |
| S49.149K | Salter-Harris type iv physeal fracture of lower end of humerus, unspecified arm, subsequent encounter for fracture with nonunion                                      |
| S49.191K | Other physeal fracture of lower end of humerus, right arm, subsequent encounter for fracture with nonunion  |
| S49.192K | Other physeal fracture of lower end of humerus, left arm, subsequent encounter for fracture with nonunion   |
| S49.199K | Other physeal fracture of lower end of humerus, unspecified arm, subsequent encounter for fracture with nonunion  |
| S52.001K | Unspecified fracture of upper end of right ulna, subsequent encounter for closed fracture with nonunion   |
| S52.001M | Unspecified fracture of upper end of right ulna, subsequent encounter for open fracture type I or II with nonunion  |
| S52.001N | Unspecified fracture of upper end of right ulna, subsequent encounter for open fracture type IIIa, IIIb, or IIIc with nonunion  |
| S52.002K | Unspecified fracture of upper end of left ulna, subsequent encounter for closed fracture with nonunion  |
| S52.002M | Unspecified fracture of upper end of left ulna, subsequent encounter for open fracture type I or ii with nonunion   |
| S52.002N | Unspecified fracture of upper end of left ulna, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion   |
| S52.009K | Unspecified fracture of upper end of unspecified ulna, subsequent encounter for closed fracture with nonunion   |
| S52.009M | Unspecified fracture of upper end of unspecified ulna, subsequent encounter for open fracture type I or ii with nonunion  |
| S52.009N | Unspecified fracture of upper end of unspecified ulna, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion                                  |
| S52.011K | Torus fracture of upper end of right ulna, subsequent encounter for fracture with nonunion  |
| S52.012K | Torus fracture of upper end of left ulna, subsequent encounter for fracture with nonunion   |
| S52.019K | Torus fracture of upper end of unspecified ulna, subsequent encounter for fracture with nonunion  |
| S52.021K | Displaced fracture of olecranon process without intraarticular extension of right ulna, subsequent encounter for closed fracture with nonunion                        |
| S52.021M | Displaced fracture of olecranon process without intraarticular extension of right ulna, subsequent encounter for open fracture type I or ii with nonunion             |
| S52.021N | Displaced fracture of olecranon process without intraarticular extension of right ulna, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion |
| S52.022K | Displaced fracture of olecranon process without intraarticular extension of left ulna, subsequent encounter for closed fracture with nonunion                         |
| S52.022M | Displaced fracture of olecranon process without intraarticular extension of left ulna, subsequent encounter for open fracture type I or ii with nonunion              |
| S52.022N | Displaced fracture of olecranon process without intraarticular extension of left ulna, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion  |



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| S52.036N | Nondisplaced fracture of olecranon process with intraarticular extension of unspecified ulna, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion |
| S52.041K | Displaced fracture of coronoid process of right ulna, subsequent encounter for closed fracture with nonunion  |
| S52.041M | Displaced fracture of coronoid process of right ulna, subsequent encounter for open fracture type I or ii with nonunion   |
| S52.041N | Displaced fracture of coronoid process of right ulna, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion   |
| S52.042K | Displaced fracture of coronoid process of left ulna, subsequent encounter for closed fracture with nonunion   |
| S52.042M | Displaced fracture of coronoid process of left ulna, subsequent encounter for open fracture type I or ii with nonunion  |
| S52.042N | Displaced fracture of coronoid process of left ulna, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion  |
| S52.043K | Displaced fracture of coronoid process of unspecified ulna, subsequent encounter for closed fracture with nonunion  |
| S52.043M | Displaced fracture of coronoid process of unspecified ulna, subsequent encounter for open fracture type I or ii with nonunion   |
| S52.043N | Displaced fracture of coronoid process of unspecified ulna, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion                                   |
| S52.044K | Nondisplaced fracture of coronoid process of right ulna, subsequent encounter for closed fracture with nonunion   |
| S52.044M | Nondisplaced fracture of coronoid process of right ulna, subsequent encounter for open fracture type I or ii with nonunion  |
| S52.044N | Nondisplaced fracture of coronoid process of right ulna, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion                                      |
| S52.045K | Nondisplaced fracture of coronoid process of left ulna, subsequent encounter for closed fracture with nonunion  |
| S52.045M | Nondisplaced fracture of coronoid process of left ulna, subsequent encounter for open fracture type I or ii with nonunion   |
| S52.045N | Nondisplaced fracture of coronoid process of left ulna, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion                                       |
| S52.046K | Nondisplaced fracture of coronoid process of unspecified ulna, subsequent encounter for closed fracture with nonunion   |
| S52.046M | Nondisplaced fracture of coronoid process of unspecified ulna, subsequent encounter for open fracture type I or ii with nonunion  |
| S52.046N | Nondisplaced fracture of coronoid process of unspecified ulna, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion                                |
| S52.091K | Other fracture of upper end of right ulna, subsequent encounter for closed fracture with nonunion   |
| S52.091M | Other fracture of upper end of right ulna, subsequent encounter for open fracture type I or ii with nonunion  |
| S52.091N | Other fracture of upper end of right ulna, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion  |
| S52.092K | Other fracture of upper end of left ulna, subsequent encounter for closed fracture with nonunion  |
| S52.092M | Other fracture of upper end of left ulna, subsequent encounter for open fracture type I or ii with nonunion   |
| S52.092N | Other fracture of upper end of left ulna, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion   |
| S52.099K | Other fracture of upper end of unspecified ulna, subsequent encounter for closed fracture with nonunion   |
| S52.099M | Other fracture of upper end of unspecified ulna, subsequent encounter for open fracture type I or ii with nonunion  |
| S52.099N | Other fracture of upper end of unspecified ulna, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion  |
| S52.101K | Unspecified fracture of upper end of right radius, subsequent encounter for closed fracture with nonunion   |
| S52.101M | Unspecified fracture of upper end of right radius, subsequent encounter for open fracture type I or ii with nonunion  |
| S52.101N | Unspecified fracture of upper end of right radius, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion  |
| S52.102K | Unspecified fracture of upper end of left radius, subsequent encounter for closed fracture with nonunion  |
| S52.102M | Unspecified fracture of upper end of left radius, subsequent encounter for open fracture type I or ii with nonunion   |
| S52.102N | Unspecified fracture of upper end of left radius, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion   |

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| S52.109K | Unspecified fracture of upper end of unspecified radius, subsequent encounter for closed fracture with nonunion                        |
| S52.109M | Unspecified fracture of upper end of unspecified radius, subsequent encounter for open fracture type I or ii with nonunion             |
| S52.109N | Unspecified fracture of upper end of unspecified radius, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion |
| S52.111K | Torus fracture of upper end of right radius, subsequent encounter for fracture with nonunion   |
| S52.112K | Torus fracture of upper end of left radius, subsequent encounter for fracture with nonunion  |
| S52.119K | Torus fracture of upper end of unspecified radius, subsequent encounter for fracture with nonunion                                     |
| S52.121K | Displaced fracture of head of right radius, subsequent encounter for closed fracture with nonunion                                     |
| S52.121M | Displaced fracture of head of right radius, subsequent encounter for open fracture type I or ii with nonunion                          |
| S52.121N | Displaced fracture of head of right radius, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion              |
| S52.122K | Displaced fracture of head of left radius, subsequent encounter for closed fracture with nonunion                                      |
| S52.122M | Displaced fracture of head of left radius, subsequent encounter for open fracture type I or ii with nonunion                           |
| S52.122N | Displaced fracture of head of left radius, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion               |
| S52.123K | Displaced fracture of head of unspecified radius, subsequent encounter for closed fracture with nonunion                               |
| S52.123M | Displaced fracture of head of unspecified radius, subsequent encounter for open fracture type I or ii with nonunion                    |
| S52.123N | Displaced fracture of head of unspecified radius, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion        |
| S52.124K | Nondisplaced fracture of head of right radius, subsequent encounter for closed fracture with nonunion                                  |
| S52.124M | Nondisplaced fracture of head of right radius, subsequent encounter for open fracture type I or ii with nonunion                       |
| S52.124N | Nondisplaced fracture of head of right radius, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion           |
| S52.125K | Nondisplaced fracture of head of left radius, subsequent encounter for closed fracture with nonunion                                   |
| S52.125M | Nondisplaced fracture of head of left radius, subsequent encounter for open fracture type I or ii with nonunion                        |
| S52.125N | Nondisplaced fracture of head of left radius, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion            |
| S52.126K | Nondisplaced fracture of head of unspecified radius, subsequent encounter for closed fracture with nonunion                            |
| S52.126M | Nondisplaced fracture of head of unspecified radius, subsequent encounter for open fracture type I or ii with nonunion                 |
| S52.126N | Nondisplaced fracture of head of unspecified radius, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion     |
| S52.131K | Displaced fracture of neck of right radius, subsequent encounter for closed fracture with nonunion                                     |
| S52.131M | Displaced fracture of neck of right radius, subsequent encounter for open fracture type I or ii with nonunion                          |
| S52.131N | Displaced fracture of neck of right radius, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion              |
| S52.132K | Displaced fracture of neck of left radius, subsequent encounter for closed fracture with nonunion                                      |
| S52.132M | Displaced fracture of neck of left radius, subsequent encounter for open fracture type I or ii with nonunion                           |
| S52.132N | Displaced fracture of neck of left radius, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion               |
| S52.133K | Displaced fracture of neck of unspecified radius, subsequent encounter for closed fracture with nonunion                               |
| S52.133M | Displaced fracture of neck of unspecified radius, subsequent encounter for open fracture type I or ii with nonunion                    |
| S52.133N | Displaced fracture of neck of unspecified radius, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion        |
| S52.134K | Nondisplaced fracture of neck of right radius, subsequent encounter for closed fracture with nonunion                                  |
| S52.134M | Nondisplaced fracture of neck of right radius, subsequent encounter for open fracture type I or ii with nonunion                       |
| S52.134N | Nondisplaced fracture of neck of right radius, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion           |
| S52.135K | Nondisplaced fracture of neck of left radius, subsequent encounter for closed fracture with nonunion                                   |
| S52.135M | Nondisplaced fracture of neck of left radius, subsequent encounter for open fracture type I or ii with nonunion                        |
| S52.135N | Nondisplaced fracture of neck of left radius, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion            |
| S52.136K | Nondisplaced fracture of neck of unspecified radius, subsequent encounter for closed fracture with nonunion                            |

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| S52.136M | Nondisplaced fracture of neck of unspecified radius, subsequent encounter for open fracture type I or ii with nonunion                    |
| S52.136N | Nondisplaced fracture of neck of unspecified radius, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion        |
| S52.181K | Other fracture of upper end of right radius, subsequent encounter for closed fracture with nonunion                                       |
| S52.181M | Other fracture of upper end of right radius, subsequent encounter for open fracture type I or ii with nonunion                            |
| S52.181N | Other fracture of upper end of right radius, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion                |
| S52.182K | Other fracture of upper end of left radius, subsequent encounter for closed fracture with nonunion  |
| S52.182M | Other fracture of upper end of left radius, subsequent encounter for open fracture type I or ii with nonunion                             |
| S52.182N | Other fracture of upper end of left radius, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion                 |
| S52.189K | Other fracture of upper end of unspecified radius, subsequent encounter for closed fracture with nonunion                                 |
| S52.189M | Other fracture of upper end of unspecified radius, subsequent encounter for open fracture type I or ii with nonunion                      |
| S52.189N | Other fracture of upper end of unspecified radius, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion          |
| S52.201K | Unspecified fracture of shaft of right ulna, subsequent encounter for closed fracture with nonunion                                       |
| S52.201M | Unspecified fracture of shaft of right ulna, subsequent encounter for open fracture type I or ii with nonunion                            |
| S52.201N | Unspecified fracture of shaft of right ulna, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion                |
| S52.202K | Unspecified fracture of shaft of left ulna, subsequent encounter for closed fracture with nonunion  |
| S52.202M | Unspecified fracture of shaft of left ulna, subsequent encounter for open fracture type I or ii with nonunion                             |
| S52.202N | Unspecified fracture of shaft of left ulna, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion                 |
| S52.209K | Unspecified fracture of shaft of unspecified ulna, subsequent encounter for closed fracture with nonunion                                 |
| S52.209M | Unspecified fracture of shaft of unspecified ulna, subsequent encounter for open fracture type I or ii with nonunion                      |
| S52.209N | Unspecified fracture of shaft of unspecified ulna, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion          |
| S52.211K | Greenstick fracture of shaft of right ulna, subsequent encounter for fracture with nonunion   |
| S52.212K | Greenstick fracture of shaft of left ulna, subsequent encounter for fracture with nonunion  |
| S52.219K | Greenstick fracture of shaft of unspecified ulna, subsequent encounter for fracture with nonunion   |
| S52.221K | Displaced transverse fracture of shaft of right ulna, subsequent encounter for closed fracture with nonunion                              |
| S52.221M | Displaced transverse fracture of shaft of right ulna, subsequent encounter for open fracture type I or ii with nonunion                   |
| S52.221N | Displaced transverse fracture of shaft of right ulna, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion       |
| S52.222K | Displaced transverse fracture of shaft of left ulna, subsequent encounter for closed fracture with nonunion                               |
| S52.222M | Displaced transverse fracture of shaft of left ulna, subsequent encounter for open fracture type I or ii with nonunion                    |
| S52.222N | Displaced transverse fracture of shaft of left ulna, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion        |
| S52.223K | Displaced transverse fracture of shaft of unspecified ulna, subsequent encounter for closed fracture with nonunion                        |
| S52.223M | Displaced transverse fracture of shaft of unspecified ulna, subsequent encounter for open fracture type I or ii with nonunion             |
| S52.223N | Displaced transverse fracture of shaft of unspecified ulna, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion |
| S52.224K | Nondisplaced transverse fracture of shaft of right ulna, subsequent encounter for closed fracture with nonunion                           |
| S52.224M | Nondisplaced transverse fracture of shaft of right ulna, subsequent encounter for open fracture type I or ii with nonunion                |
| S52.224N | Nondisplaced transverse fracture of shaft of right ulna, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion    |
| S52.225K | Nondisplaced transverse fracture of shaft of left ulna, subsequent encounter for closed fracture with nonunion                            |
| S52.225M | Nondisplaced transverse fracture of shaft of left ulna, subsequent encounter for open fracture type I or ii with nonunion                 |



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| S52.225N | Nondisplaced transverse fracture of shaft of left ulna, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion        |
| S52.226K | Nondisplaced transverse fracture of shaft of unspecified ulna, subsequent encounter for closed fracture with nonunion                        |
| S52.226M | Nondisplaced transverse fracture of shaft of unspecified ulna, subsequent encounter for open fracture type I or ii with nonunion             |
| S52.226N | Nondisplaced transverse fracture of shaft of unspecified ulna, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion |
| S52.231K | Displaced oblique fracture of shaft of right ulna, subsequent encounter for closed fracture with nonunion                                    |
| S52.231M | Displaced oblique fracture of shaft of right ulna, subsequent encounter for open fracture type I or ii with nonunion                         |
| S52.231N | Displaced oblique fracture of shaft of right ulna, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion             |
| S52.232K | Displaced oblique fracture of shaft of left ulna, subsequent encounter for closed fracture with nonunion                                     |
| S52.232M | Displaced oblique fracture of shaft of left ulna, subsequent encounter for open fracture type I or ii with nonunion                          |
| S52.232N | Displaced oblique fracture of shaft of left ulna, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion              |
| S52.233K | Displaced oblique fracture of shaft of unspecified ulna, subsequent encounter for closed fracture with nonunion                              |
| S52.233M | Displaced oblique fracture of shaft of unspecified ulna, subsequent encounter for open fracture type I or ii with nonunion                   |
| S52.233N | Displaced oblique fracture of shaft of unspecified ulna, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion       |
| S52.234K | Nondisplaced oblique fracture of shaft of right ulna, subsequent encounter for closed fracture with nonunion                                 |
| S52.234M | Nondisplaced oblique fracture of shaft of right ulna, subsequent encounter for open fracture type I or ii with nonunion                      |
| S52.234N | Nondisplaced oblique fracture of shaft of right ulna, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion          |
| S52.235K | Nondisplaced oblique fracture of shaft of left ulna, subsequent encounter for closed fracture with nonunion                                  |
| S52.235M | Nondisplaced oblique fracture of shaft of left ulna, subsequent encounter for open fracture type I or ii with nonunion                       |
| S52.235N | Nondisplaced oblique fracture of shaft of left ulna, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion           |
| S52.236K | Nondisplaced oblique fracture of shaft of unspecified ulna, subsequent encounter for closed fracture with nonunion                           |
| S52.236M | Nondisplaced oblique fracture of shaft of unspecified ulna, subsequent encounter for open fracture type I or ii with nonunion                |
| S52.236N | Nondisplaced oblique fracture of shaft of unspecified ulna, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion    |
| S52.241K | Displaced spiral fracture of shaft of ulna, right arm, subsequent encounter for closed fracture with nonunion                                |
| S52.241M | Displaced spiral fracture of shaft of ulna, right arm, subsequent encounter for open fracture type I or ii with nonunion                     |
| S52.241N | Displaced spiral fracture of shaft of ulna, right arm, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion         |
| S52.242K | Displaced spiral fracture of shaft of ulna, left arm, subsequent encounter for closed fracture with nonunion                                 |
| S52.242M | Displaced spiral fracture of shaft of ulna, left arm, subsequent encounter for open fracture type I or ii with nonunion                      |
| S52.242N | Displaced spiral fracture of shaft of ulna, left arm, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion          |
| S52.243K | Displaced spiral fracture of shaft of ulna, unspecified arm, subsequent encounter for closed fracture with nonunion                          |
| S52.243M | Displaced spiral fracture of shaft of ulna, unspecified arm, subsequent encounter for open fracture type I or ii with nonunion               |
| S52.243N | Displaced spiral fracture of shaft of ulna, unspecified arm, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion   |
| S52.244K | Nondisplaced spiral fracture of shaft of ulna, right arm, subsequent encounter for closed fracture with nonunion                             |
| S52.244M | Nondisplaced spiral fracture of shaft of ulna, right arm, subsequent encounter for open fracture type I or ii with nonunion                  |

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| S52.244N | Nondisplaced spiral fracture of shaft of ulna, right arm, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion           |
| S52.245K | Nondisplaced spiral fracture of shaft of ulna, left arm, subsequent encounter for closed fracture with nonunion                                   |
| S52.245M | Nondisplaced spiral fracture of shaft of ulna, left arm, subsequent encounter for open fracture type I or ii with nonunion                        |
| S52.245N | Nondisplaced spiral fracture of shaft of ulna, left arm, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion            |
| S52.246K | Nondisplaced spiral fracture of shaft of ulna, unspecified arm, subsequent encounter for closed fracture with nonunion                            |
| S52.246M | Nondisplaced spiral fracture of shaft of ulna, unspecified arm, subsequent encounter for open fracture type I or ii with nonunion                 |
| S52.246N | Nondisplaced spiral fracture of shaft of ulna, unspecified arm, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion     |
| S52.251K | Displaced comminuted fracture of shaft of ulna, right arm, subsequent encounter for closed fracture with nonunion                                 |
| S52.251M | Displaced comminuted fracture of shaft of ulna, right arm, subsequent encounter for open fracture type I or ii with nonunion                      |
| S52.251N | Displaced comminuted fracture of shaft of ulna, right arm, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion          |
| S52.252K | Displaced comminuted fracture of shaft of ulna, left arm, subsequent encounter for closed fracture with nonunion                                  |
| S52.252M | Displaced comminuted fracture of shaft of ulna, left arm, subsequent encounter for open fracture type I or ii with nonunion                       |
| S52.252N | Displaced comminuted fracture of shaft of ulna, left arm, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion           |
| S52.253K | Displaced comminuted fracture of shaft of ulna, unspecified arm, subsequent encounter for closed fracture with nonunion                           |
| S52.253M | Displaced comminuted fracture of shaft of ulna, unspecified arm, subsequent encounter for open fracture type I or ii with nonunion                |
| S52.253N | Displaced comminuted fracture of shaft of ulna, unspecified arm, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion    |
| S52.254K | Nondisplaced comminuted fracture of shaft of ulna, right arm, subsequent encounter for closed fracture with nonunion                              |
| S52.254M | Nondisplaced comminuted fracture of shaft of ulna, right arm, subsequent encounter for open fracture type I or ii with nonunion                   |
| S52.254N | Nondisplaced comminuted fracture of shaft of ulna, right arm, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion       |
| S52.255K | Nondisplaced comminuted fracture of shaft of ulna, left arm, subsequent encounter for closed fracture with nonunion                               |
| S52.255M | Nondisplaced comminuted fracture of shaft of ulna, left arm, subsequent encounter for open fracture type I or ii with nonunion                    |
| S52.255N | Nondisplaced comminuted fracture of shaft of ulna, left arm, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion        |
| S52.256K | Nondisplaced comminuted fracture of shaft of ulna, unspecified arm, subsequent encounter for closed fracture with nonunion                        |
| S52.256M | Nondisplaced comminuted fracture of shaft of ulna, unspecified arm, subsequent encounter for open fracture type I or ii with nonunion             |
| S52.256N | Nondisplaced comminuted fracture of shaft of ulna, unspecified arm, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion |
| S52.261K | Displaced segmental fracture of shaft of ulna, right arm, subsequent encounter for closed fracture with nonunion                                  |
| S52.261M | Displaced segmental fracture of shaft of ulna, right arm, subsequent encounter for open fracture type I or ii with nonunion                       |
| S52.261N | Displaced segmental fracture of shaft of ulna, right arm, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion           |
| S52.262K | Displaced segmental fracture of shaft of ulna, left arm, subsequent encounter for closed fracture with nonunion                                   |
| S52.262M | Displaced segmental fracture of shaft of ulna, left arm, subsequent encounter for open fracture type I or ii with nonunion                        |

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| S52.262N | Displaced segmental fracture of shaft of ulna, left arm, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion           |
| S52.263K | Displaced segmental fracture of shaft of ulna, unspecified arm, subsequent encounter for closed fracture with nonunion                           |
| S52.263M | Displaced segmental fracture of shaft of ulna, unspecified arm, subsequent encounter for open fracture type I or ii with nonunion                |
| S52.263N | Displaced segmental fracture of shaft of ulna, unspecified arm, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion    |
| S52.264K | Nondisplaced segmental fracture of shaft of ulna, right arm, subsequent encounter for closed fracture with nonunion                              |
| S52.264M | Nondisplaced segmental fracture of shaft of ulna, right arm, subsequent encounter for open fracture type I or ii with nonunion                   |
| S52.264N | Nondisplaced segmental fracture of shaft of ulna, right arm, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion       |
| S52.265K | Nondisplaced segmental fracture of shaft of ulna, left arm, subsequent encounter for closed fracture with nonunion                               |
| S52.265M | Nondisplaced segmental fracture of shaft of ulna, left arm, subsequent encounter for open fracture type I or ii with nonunion                    |
| S52.265N | Nondisplaced segmental fracture of shaft of ulna, left arm, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion        |
| S52.266K | Nondisplaced segmental fracture of shaft of ulna, unspecified arm, subsequent encounter for closed fracture with nonunion                        |
| S52.266M | Nondisplaced segmental fracture of shaft of ulna, unspecified arm, subsequent encounter for open fracture type I or ii with nonunion             |
| S52.266N | Nondisplaced segmental fracture of shaft of ulna, unspecified arm, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion |
| S52.271K | Monteggia's fracture of right ulna, subsequent encounter for closed fracture with nonunion   |
| S52.271M | Monteggia's fracture of right ulna, subsequent encounter for open fracture type I or ii with nonunion  |
| S52.271N | Monteggia's fracture of right ulna, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion                                |
| S52.272K | Monteggia's fracture of left ulna, subsequent encounter for closed fracture with nonunion  |
| S52.272M | Monteggia's fracture of left ulna, subsequent encounter for open fracture type I or ii with nonunion   |
| S52.272N | Monteggia's fracture of left ulna, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion                                 |
| S52.279K | Monteggia's fracture of unspecified ulna, subsequent encounter for closed fracture with nonunion   |
| S52.279M | Monteggia's fracture of unspecified ulna, subsequent encounter for open fracture type I or ii with nonunion                                      |
| S52.279N | Monteggia's fracture of unspecified ulna, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion                          |
| S52.281K | Bent bone of right ulna, subsequent encounter for closed fracture with nonunion  |
| S52.281M | Bent bone of right ulna, subsequent encounter for open fracture type I or ii with nonunion   |
| S52.281N | Bent bone of right ulna, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion   |
| S52.282K | Bent bone of left ulna, subsequent encounter for closed fracture with nonunion   |
| S52.282M | Bent bone of left ulna, subsequent encounter for open fracture type I or ii with nonunion  |
| S52.282N | Bent bone of left ulna, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion  |
| S52.283K | Bent bone of unspecified ulna, subsequent encounter for closed fracture with nonunion  |
| S52.283M | Bent bone of unspecified ulna, subsequent encounter for open fracture type I or ii with nonunion   |
| S52.283N | Bent bone of unspecified ulna, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion                                     |
| S52.291K | Other fracture of shaft of right ulna, subsequent encounter for closed fracture with nonunion  |
| S52.291M | Other fracture of shaft of right ulna, subsequent encounter for open fracture type I or ii with nonunion   |
| S52.291N | Other fracture of shaft of right ulna, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion                             |
| S52.292K | Other fracture of shaft of left ulna, subsequent encounter for closed fracture with nonunion   |
| S52.292M | Other fracture of shaft of left ulna, subsequent encounter for open fracture type I or ii with nonunion  |
| S52.292N | Other fracture of shaft of left ulna, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion                              |
| S52.299K | Other fracture of shaft of unspecified ulna, subsequent encounter for closed fracture with nonunion  |
| S52.299M | Other fracture of shaft of unspecified ulna, subsequent encounter for open fracture type I or ii with nonunion                                   |
| S52.299N | Other fracture of shaft of unspecified ulna, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion                       |
| S52.301K | Unspecified fracture of shaft of right radius, subsequent encounter for closed fracture with nonunion  |
| S52.301M | Unspecified fracture of shaft of right radius, subsequent encounter for open fracture type I or ii with nonunion                                 |

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| S52.301N | Unspecified fracture of shaft of right radius, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion                   |
| S52.302K | Unspecified fracture of shaft of left radius, subsequent encounter for closed fracture with nonunion   |
| S52.302M | Unspecified fracture of shaft of left radius, subsequent encounter for open fracture type I or ii with nonunion                                |
| S52.302N | Unspecified fracture of shaft of left radius, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion                    |
| S52.309K | Unspecified fracture of shaft of unspecified radius, subsequent encounter for closed fracture with nonunion                                    |
| S52.309M | Unspecified fracture of shaft of unspecified radius, subsequent encounter for open fracture type I or ii with nonunion                         |
| S52.309N | Unspecified fracture of shaft of unspecified radius, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion             |
| S52.311K | Greenstick fracture of shaft of radius, right arm, subsequent encounter for fracture with nonunion   |
| S52.312K | Greenstick fracture of shaft of radius, left arm, subsequent encounter for fracture with nonunion  |
| S52.319K | Greenstick fracture of shaft of radius, unspecified arm, subsequent encounter for fracture with nonunion                                       |
| S52.321K | Displaced transverse fracture of shaft of right radius, subsequent encounter for closed fracture with nonunion                                 |
| S52.321M | Displaced transverse fracture of shaft of right radius, subsequent encounter for open fracture type I or ii with nonunion                      |
| S52.321N | Displaced transverse fracture of shaft of right radius, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion          |
| S52.322K | Displaced transverse fracture of shaft of left radius, subsequent encounter for closed fracture with nonunion                                  |
| S52.322M | Displaced transverse fracture of shaft of left radius, subsequent encounter for open fracture type I or ii with nonunion                       |
| S52.322N | Displaced transverse fracture of shaft of left radius, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion           |
| S52.323K | Displaced transverse fracture of shaft of unspecified radius, subsequent encounter for closed fracture with nonunion                           |
| S52.323M | Displaced transverse fracture of shaft of unspecified radius, subsequent encounter for open fracture type I or ii with nonunion                |
| S52.323N | Displaced transverse fracture of shaft of unspecified radius, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion    |
| S52.324K | Nondisplaced transverse fracture of shaft of right radius, subsequent encounter for closed fracture with nonunion                              |
| S52.324M | Nondisplaced transverse fracture of shaft of right radius, subsequent encounter for open fracture type I or ii with nonunion                   |
| S52.324N | Nondisplaced transverse fracture of shaft of right radius, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion       |
| S52.325K | Nondisplaced transverse fracture of shaft of left radius, subsequent encounter for closed fracture with nonunion                               |
| S52.325M | Nondisplaced transverse fracture of shaft of left radius, subsequent encounter for open fracture type I or ii with nonunion                    |
| S52.325N | Nondisplaced transverse fracture of shaft of left radius, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion        |
| S52.326K | Nondisplaced transverse fracture of shaft of unspecified radius, subsequent encounter for closed fracture with nonunion                        |
| S52.326M | Nondisplaced transverse fracture of shaft of unspecified radius, subsequent encounter for open fracture type I or ii with nonunion             |
| S52.326N | Nondisplaced transverse fracture of shaft of unspecified radius, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion |
| S52.331K | Displaced oblique fracture of shaft of right radius, subsequent encounter for closed fracture with nonunion                                    |
| S52.331M | Displaced oblique fracture of shaft of right radius, subsequent encounter for open fracture type I or ii with nonunion                         |
| S52.331N | Displaced oblique fracture of shaft of right radius, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion             |
| S52.332K | Displaced oblique fracture of shaft of left radius, subsequent encounter for closed fracture with nonunion                                     |
| S52.332M | Displaced oblique fracture of shaft of left radius, subsequent encounter for open fracture type I or ii with nonunion                          |
| S52.332N | Displaced oblique fracture of shaft of left radius, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion              |

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| S52.333K | Displaced oblique fracture of shaft of unspecified radius, subsequent encounter for closed fracture with nonunion                               |
| S52.333M | Displaced oblique fracture of shaft of unspecified radius, subsequent encounter for open fracture type I or ii with nonunion                    |
| S52.333N | Displaced oblique fracture of shaft of unspecified radius, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion        |
| S52.334K | Nondisplaced oblique fracture of shaft of right radius, subsequent encounter for closed fracture with nonunion                                  |
| S52.334M | Nondisplaced oblique fracture of shaft of right radius, subsequent encounter for open fracture type I or ii with nonunion                       |
| S52.334N | Nondisplaced oblique fracture of shaft of right radius, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion           |
| S52.335K | Nondisplaced oblique fracture of shaft of left radius, subsequent encounter for closed fracture with nonunion                                   |
| S52.335M | Nondisplaced oblique fracture of shaft of left radius, subsequent encounter for open fracture type I or ii with nonunion                        |
| S52.335N | Nondisplaced oblique fracture of shaft of left radius, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion            |
| S52.336K | Nondisplaced oblique fracture of shaft of unspecified radius, subsequent encounter for closed fracture with nonunion                            |
| S52.336M | Nondisplaced oblique fracture of shaft of unspecified radius, subsequent encounter for open fracture type I or ii with nonunion                 |
| S52.336N | Nondisplaced oblique fracture of shaft of unspecified radius, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion     |
| S52.341K | Displaced spiral fracture of shaft of radius, right arm, subsequent encounter for closed fracture with nonunion                                 |
| S52.341M | Displaced spiral fracture of shaft of radius, right arm, subsequent encounter for open fracture type I or ii with nonunion                      |
| S52.341N | Displaced spiral fracture of shaft of radius, right arm, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion          |
| S52.342K | Displaced spiral fracture of shaft of radius, left arm, subsequent encounter for closed fracture with nonunion                                  |
| S52.342M | Displaced spiral fracture of shaft of radius, left arm, subsequent encounter for open fracture type I or ii with nonunion                       |
| S52.342N | Displaced spiral fracture of shaft of radius, left arm, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion           |
| S52.343K | Displaced spiral fracture of shaft of radius, unspecified arm, subsequent encounter for closed fracture with nonunion                           |
| S52.343M | Displaced spiral fracture of shaft of radius, unspecified arm, subsequent encounter for open fracture type I or ii with nonunion                |
| S52.343N | Displaced spiral fracture of shaft of radius, unspecified arm, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion    |
| S52.344K | Nondisplaced spiral fracture of shaft of radius, right arm, subsequent encounter for closed fracture with nonunion                              |
| S52.344M | Nondisplaced spiral fracture of shaft of radius, right arm, subsequent encounter for open fracture type I or ii with nonunion                   |
| S52.344N | Nondisplaced spiral fracture of shaft of radius, right arm, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion       |
| S52.345K | Nondisplaced spiral fracture of shaft of radius, left arm, subsequent encounter for closed fracture with nonunion                               |
| S52.345M | Nondisplaced spiral fracture of shaft of radius, left arm, subsequent encounter for open fracture type I or ii with nonunion                    |
| S52.345N | Nondisplaced spiral fracture of shaft of radius, left arm, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion        |
| S52.346K | Nondisplaced spiral fracture of shaft of radius, unspecified arm, subsequent encounter for closed fracture with nonunion                        |
| S52.346M | Nondisplaced spiral fracture of shaft of radius, unspecified arm, subsequent encounter for open fracture type I or ii with nonunion             |
| S52.346N | Nondisplaced spiral fracture of shaft of radius, unspecified arm, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion |
| S52.351K | Displaced comminuted fracture of shaft of radius, right arm, subsequent encounter for closed fracture with nonunion                             |

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| S52.351M | Displaced comminuted fracture of shaft of radius, right arm, subsequent encounter for open fracture type I or ii with nonunion                      |
| S52.351N | Displaced comminuted fracture of shaft of radius, right arm, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion          |
| S52.352K | Displaced comminuted fracture of shaft of radius, left arm, subsequent encounter for closed fracture with nonunion                                  |
| S52.352M | Displaced comminuted fracture of shaft of radius, left arm, subsequent encounter for open fracture type I or ii with nonunion                       |
| S52.352N | Displaced comminuted fracture of shaft of radius, left arm, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion           |
| S52.353K | Displaced comminuted fracture of shaft of radius, unspecified arm, subsequent encounter for closed fracture with nonunion                           |
| S52.353M | Displaced comminuted fracture of shaft of radius, unspecified arm, subsequent encounter for open fracture type I or ii with nonunion                |
| S52.353N | Displaced comminuted fracture of shaft of radius, unspecified arm, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion    |
| S52.354K | Nondisplaced comminuted fracture of shaft of radius, right arm, subsequent encounter for closed fracture with nonunion                              |
| S52.354M | Nondisplaced comminuted fracture of shaft of radius, right arm, subsequent encounter for open fracture type I or ii with nonunion                   |
| S52.354N | Nondisplaced comminuted fracture of shaft of radius, right arm, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion       |
| S52.355K | Nondisplaced comminuted fracture of shaft of radius, left arm, subsequent encounter for closed fracture with nonunion                               |
| S52.355M | Nondisplaced comminuted fracture of shaft of radius, left arm, subsequent encounter for open fracture type I or ii with nonunion                    |
| S52.355N | Nondisplaced comminuted fracture of shaft of radius, left arm, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion        |
| S52.356K | Nondisplaced comminuted fracture of shaft of radius, unspecified arm, subsequent encounter for closed fracture with nonunion                        |
| S52.356M | Nondisplaced comminuted fracture of shaft of radius, unspecified arm, subsequent encounter for open fracture type I or ii with nonunion             |
| S52.356N | Nondisplaced comminuted fracture of shaft of radius, unspecified arm, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion |
| S52.361K | Displaced segmental fracture of shaft of radius, right arm, subsequent encounter for closed fracture with nonunion                                  |
| S52.361M | Displaced segmental fracture of shaft of radius, right arm, subsequent encounter for open fracture type I or ii with nonunion                       |
| S52.361N | Displaced segmental fracture of shaft of radius, right arm, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion           |
| S52.362K | Displaced segmental fracture of shaft of radius, left arm, subsequent encounter for closed fracture with nonunion                                   |
| S52.362M | Displaced segmental fracture of shaft of radius, left arm, subsequent encounter for open fracture type I or ii with nonunion                        |
| S52.362N | Displaced segmental fracture of shaft of radius, left arm, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion            |
| S52.363K | Displaced segmental fracture of shaft of radius, unspecified arm, subsequent encounter for closed fracture with nonunion                            |
| S52.363M | Displaced segmental fracture of shaft of radius, unspecified arm, subsequent encounter for open fracture type I or ii with nonunion                 |
| S52.363N | Displaced segmental fracture of shaft of radius, unspecified arm, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion     |
| S52.364K | Nondisplaced segmental fracture of shaft of radius, right arm, subsequent encounter for closed fracture with nonunion                               |
| S52.364M | Nondisplaced segmental fracture of shaft of radius, right arm, subsequent encounter for open fracture type I or ii with nonunion                    |
| S52.364N | Nondisplaced segmental fracture of shaft of radius, right arm, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion        |

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| S52.365K | Nondisplaced segmental fracture of shaft of radius, left arm, subsequent encounter for closed fracture with nonunion                               |
| S52.365M | Nondisplaced segmental fracture of shaft of radius, left arm, subsequent encounter for open fracture type I or ii with nonunion                    |
| S52.365N | Nondisplaced segmental fracture of shaft of radius, left arm, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion        |
| S52.366K | Nondisplaced segmental fracture of shaft of radius, unspecified arm, subsequent encounter for closed fracture with nonunion                        |
| S52.366M | Nondisplaced segmental fracture of shaft of radius, unspecified arm, subsequent encounter for open fracture type I or ii with nonunion             |
| S52.366N | Nondisplaced segmental fracture of shaft of radius, unspecified arm, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion |
| S52.371K | Galeazzi's fracture of right radius, subsequent encounter for closed fracture with nonunion  |
| S52.371M | Galeazzi's fracture of right radius, subsequent encounter for open fracture type I or ii with nonunion   |
| S52.371N | Galeazzi's fracture of right radius, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion                                 |
| S52.372K | Galeazzi's fracture of left radius, subsequent encounter for closed fracture with nonunion   |
| S52.372M | Galeazzi's fracture of left radius, subsequent encounter for open fracture type I or ii with nonunion  |
| S52.372N | Galeazzi's fracture of left radius, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion                                  |
| S52.379K | Galeazzi's fracture of unspecified radius, subsequent encounter for closed fracture with nonunion  |
| S52.379M | Galeazzi's fracture of unspecified radius, subsequent encounter for open fracture type I or ii with nonunion                                       |
| S52.379N | Galeazzi's fracture of unspecified radius, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion                           |
| S52.381K | Bent bone of right radius, subsequent encounter for closed fracture with nonunion  |
| S52.381M | Bent bone of right radius, subsequent encounter for open fracture type I or ii with nonunion   |
| S52.381N | Bent bone of right radius, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion   |
| S52.382K | Bent bone of left radius, subsequent encounter for closed fracture with nonunion   |
| S52.382M | Bent bone of left radius, subsequent encounter for open fracture type I or ii with nonunion  |
| S52.382N | Bent bone of left radius, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion  |
| S52.389K | Bent bone of unspecified radius, subsequent encounter for closed fracture with nonunion  |
| S52.389M | Bent bone of unspecified radius, subsequent encounter for open fracture type I or ii with nonunion   |
| S52.389N | Bent bone of unspecified radius, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion                                     |
| S52.391K | Other fracture of shaft of radius, right arm, subsequent encounter for closed fracture with nonunion   |
| S52.391M | Other fracture of shaft of radius, right arm, subsequent encounter for open fracture type I or ii with nonunion                                    |
| S52.391N | Other fracture of shaft of radius, right arm, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion                        |
| S52.392K | Other fracture of shaft of radius, left arm, subsequent encounter for closed fracture with nonunion  |
| S52.392M | Other fracture of shaft of radius, left arm, subsequent encounter for open fracture type I or ii with nonunion                                     |
| S52.392N | Other fracture of shaft of radius, left arm, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion                         |
| S52.399K | Other fracture of shaft of radius, unspecified arm, subsequent encounter for closed fracture with nonunion   |
| S52.399M | Other fracture of shaft of radius, unspecified arm, subsequent encounter for open fracture type I or ii with nonunion                              |
| S52.399N | Other fracture of shaft of radius, unspecified arm, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion                  |
| S52.501K | Unspecified fracture of the lower end of right radius, subsequent encounter for closed fracture with nonunion                                      |
| S52.501M | Unspecified fracture of the lower end of right radius, subsequent encounter for open fracture type I or ii with nonunion                           |
| S52.501N | Unspecified fracture of the lower end of right radius, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion               |
| S52.502K | Unspecified fracture of the lower end of left radius, subsequent encounter for closed fracture with nonunion                                       |
| S52.502M | Unspecified fracture of the lower end of left radius, subsequent encounter for open fracture type I or ii with nonunion                            |
| S52.502N | Unspecified fracture of the lower end of left radius, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion                |
| S52.509K | Unspecified fracture of the lower end of unspecified radius, subsequent encounter for closed fracture with nonunion                                |

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| S52.509M | Unspecified fracture of the lower end of unspecified radius, subsequent encounter for open fracture type I or ii with nonunion             |
| S52.509N | Unspecified fracture of the lower end of unspecified radius, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion |
| S52.511K | Displaced fracture of right radial styloid process, subsequent encounter for closed fracture with nonunion                                 |
| S52.511M | Displaced fracture of right radial styloid process, subsequent encounter for open fracture type I or ii with nonunion                      |
| S52.511N | Displaced fracture of right radial styloid process, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion          |
| S52.512K | Displaced fracture of left radial styloid process, subsequent encounter for closed fracture with nonunion                                  |
| S52.512M | Displaced fracture of left radial styloid process, subsequent encounter for open fracture type I or ii with nonunion                       |
| S52.512N | Displaced fracture of left radial styloid process, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion           |
| S52.513K | Displaced fracture of unspecified radial styloid process, subsequent encounter for closed fracture with nonunion                           |
| S52.513M | Displaced fracture of unspecified radial styloid process, subsequent encounter for open fracture type I or ii with nonunion                |
| S52.513N | Displaced fracture of unspecified radial styloid process, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion    |
| S52.514K | Nondisplaced fracture of right radial styloid process, subsequent encounter for closed fracture with nonunion                              |
| S52.514M | Nondisplaced fracture of right radial styloid process, subsequent encounter for open fracture type I or ii with nonunion                   |
| S52.514N | Nondisplaced fracture of right radial styloid process, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion       |
| S52.515K | Nondisplaced fracture of left radial styloid process, subsequent encounter for closed fracture with nonunion                               |
| S52.515M | Nondisplaced fracture of left radial styloid process, subsequent encounter for open fracture type I or ii with nonunion                    |
| S52.515N | Nondisplaced fracture of left radial styloid process, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion        |
| S52.516K | Nondisplaced fracture of unspecified radial styloid process, subsequent encounter for closed fracture with nonunion                        |
| S52.516M | Nondisplaced fracture of unspecified radial styloid process, subsequent encounter for open fracture type I or ii with nonunion             |
| S52.516N | Nondisplaced fracture of unspecified radial styloid process, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion |
| S52.521K | Torus fracture of lower end of right radius, subsequent encounter for fracture with nonunion   |
| S52.522K | Torus fracture of lower end of left radius, subsequent encounter for fracture with nonunion  |
| S52.529K | Torus fracture of lower end of unspecified radius, subsequent encounter for fracture with nonunion   |
| S52.531K | Colles' fracture of right radius, subsequent encounter for closed fracture with nonunion   |
| S52.531M | Colles' fracture of right radius, subsequent encounter for open fracture type I or ii with nonunion  |
| S52.531N | Colles' fracture of right radius, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion                            |
| S52.532K | Colles' fracture of left radius, subsequent encounter for closed fracture with nonunion  |
| S52.532M | Colles' fracture of left radius, subsequent encounter for open fracture type I or ii with nonunion   |
| S52.532N | Colles' fracture of left radius, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion                             |
| S52.539K | Colles' fracture of unspecified radius, subsequent encounter for closed fracture with nonunion   |
| S52.539M | Colles' fracture of unspecified radius, subsequent encounter for open fracture type I or ii with nonunion                                  |
| S52.539N | Colles' fracture of unspecified radius, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion                      |
| S52.541K | Smith's fracture of right radius, subsequent encounter for closed fracture with nonunion   |
| S52.541M | Smith's fracture of right radius, subsequent encounter for open fracture type I or ii with nonunion  |
| S52.541N | Smith's fracture of right radius, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion                            |
| S52.542K | Smith's fracture of left radius, subsequent encounter for closed fracture with nonunion  |
| S52.542M | Smith's fracture of left radius, subsequent encounter for open fracture type I or ii with nonunion   |
| S52.542N | Smith's fracture of left radius, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion                             |
| S52.549K | Smith's fracture of unspecified radius, subsequent encounter for closed fracture with nonunion   |
| S52.549M | Smith's fracture of unspecified radius, subsequent encounter for open fracture type I or ii with nonunion                                  |
| S52.549N | Smith's fracture of unspecified radius, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion                      |
| S52.551K | Other extraarticular fracture of lower end of right radius, subsequent encounter for closed fracture with nonunion                         |



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| S52.551M | Other extraarticular fracture of lower end of right radius, subsequent encounter for open fracture type I or ii with nonunion                   |
| S52.551N | Other extraarticular fracture of lower end of right radius, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion       |
| S52.552K | Other extraarticular fracture of lower end of left radius, subsequent encounter for closed fracture with nonunion                               |
| S52.552M | Other extraarticular fracture of lower end of left radius, subsequent encounter for open fracture type I or ii with nonunion                    |
| S52.552N | Other extraarticular fracture of lower end of left radius, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion        |
| S52.559K | Other extraarticular fracture of lower end of unspecified radius, subsequent encounter for closed fracture with nonunion                        |
| S52.559M | Other extraarticular fracture of lower end of unspecified radius, subsequent encounter for open fracture type I or ii with nonunion             |
| S52.559N | Other extraarticular fracture of lower end of unspecified radius, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion |
| S52.561K | Barton's fracture of right radius, subsequent encounter for closed fracture with nonunion   |
| S52.561M | Barton's fracture of right radius, subsequent encounter for open fracture type I or ii with nonunion  |
| S52.561N | Barton's fracture of right radius, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion                                |
| S52.562K | Barton's fracture of left radius, subsequent encounter for closed fracture with nonunion  |
| S52.562M | Barton's fracture of left radius, subsequent encounter for open fracture type I or ii with nonunion   |
| S52.562N | Barton's fracture of left radius, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion                                 |
| S52.569K | Barton's fracture of unspecified radius, subsequent encounter for closed fracture with nonunion   |
| S52.569M | Barton's fracture of unspecified radius, subsequent encounter for open fracture type I or ii with nonunion                                      |
| S52.569N | Barton's fracture of unspecified radius, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion                          |
| S52.571K | Other intraarticular fracture of lower end of right radius, subsequent encounter for closed fracture with nonunion                              |
| S52.571M | Other intraarticular fracture of lower end of right radius, subsequent encounter for open fracture type I or ii with nonunion                   |
| S52.571N | Other intraarticular fracture of lower end of right radius, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion       |
| S52.572K | Other intraarticular fracture of lower end of left radius, subsequent encounter for closed fracture with nonunion                               |
| S52.572M | Other intraarticular fracture of lower end of left radius, subsequent encounter for open fracture type I or ii with nonunion                    |
| S52.572N | Other intraarticular fracture of lower end of left radius, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion        |
| S52.579K | Other intraarticular fracture of lower end of unspecified radius, subsequent encounter for closed fracture with nonunion                        |
| S52.579M | Other intraarticular fracture of lower end of unspecified radius, subsequent encounter for open fracture type I or ii with nonunion             |
| S52.579N | Other intraarticular fracture of lower end of unspecified radius, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion |
| S52.591K | Other fractures of lower end of right radius, subsequent encounter for closed fracture with nonunion  |
| S52.591M | Other fractures of lower end of right radius, subsequent encounter for open fracture type I or ii with nonunion                                 |
| S52.591N | Other fractures of lower end of right radius, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion                     |
| S52.592K | Other fractures of lower end of left radius, subsequent encounter for closed fracture with nonunion   |
| S52.592M | Other fractures of lower end of left radius, subsequent encounter for open fracture type I or ii with nonunion                                  |
| S52.592N | Other fractures of lower end of left radius, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion                      |
| S52.599K | Other fractures of lower end of unspecified radius, subsequent encounter for closed fracture with nonunion                                      |
| S52.599M | Other fractures of lower end of unspecified radius, subsequent encounter for open fracture type I or ii with nonunion                           |
| S52.599N | Other fractures of lower end of unspecified radius, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion               |
| S52.601K | Unspecified fracture of lower end of right ulna, subsequent encounter for closed fracture with nonunion   |
| S52.601M | Unspecified fracture of lower end of right ulna, subsequent encounter for open fracture type I or ii with nonunion                              |

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| S52.601N | Unspecified fracture of lower end of right ulna, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion           |
| S52.602K | Unspecified fracture of lower end of left ulna, subsequent encounter for closed fracture with nonunion                                   |
| S52.602M | Unspecified fracture of lower end of left ulna, subsequent encounter for open fracture type I or ii with nonunion                        |
| S52.602N | Unspecified fracture of lower end of left ulna, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion            |
| S52.609K | Unspecified fracture of lower end of unspecified ulna, subsequent encounter for closed fracture with nonunion                            |
| S52.609M | Unspecified fracture of lower end of unspecified ulna, subsequent encounter for open fracture type I or ii with nonunion                 |
| S52.609N | Unspecified fracture of lower end of unspecified ulna, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion     |
| S52.611K | Displaced fracture of right ulna styloid process, subsequent encounter for closed fracture with nonunion                                 |
| S52.611M | Displaced fracture of right ulna styloid process, subsequent encounter for open fracture type I or ii with nonunion                      |
| S52.611N | Displaced fracture of right ulna styloid process, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion          |
| S52.612K | Displaced fracture of left ulna styloid process, subsequent encounter for closed fracture with nonunion                                  |
| S52.612M | Displaced fracture of left ulna styloid process, subsequent encounter for open fracture type I or ii with nonunion                       |
| S52.612N | Displaced fracture of left ulna styloid process, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion           |
| S52.613K | Displaced fracture of unspecified ulna styloid process, subsequent encounter for closed fracture with nonunion                           |
| S52.613M | Displaced fracture of unspecified ulna styloid process, subsequent encounter for open fracture type I or ii with nonunion                |
| S52.613N | Displaced fracture of unspecified ulna styloid process, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion    |
| S52.614K | Nondisplaced fracture of right ulna styloid process, subsequent encounter for closed fracture with nonunion                              |
| S52.614M | Nondisplaced fracture of right ulna styloid process, subsequent encounter for open fracture type I or ii with nonunion                   |
| S52.614N | Nondisplaced fracture of right ulna styloid process, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion       |
| S52.615K | Nondisplaced fracture of left ulna styloid process, subsequent encounter for closed fracture with nonunion                               |
| S52.615M | Nondisplaced fracture of left ulna styloid process, subsequent encounter for open fracture type I or ii with nonunion                    |
| S52.615N | Nondisplaced fracture of left ulna styloid process, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion        |
| S52.616K | Nondisplaced fracture of unspecified ulna styloid process, subsequent encounter for closed fracture with nonunion                        |
| S52.616M | Nondisplaced fracture of unspecified ulna styloid process, subsequent encounter for open fracture type I or ii with nonunion             |
| S52.616N | Nondisplaced fracture of unspecified ulna styloid process, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion |
| S52.621K | Torus fracture of lower end of right ulna, subsequent encounter for fracture with nonunion   |
| S52.622K | Torus fracture of lower end of left ulna, subsequent encounter for fracture with nonunion  |
| S52.629K | Torus fracture of lower end of unspecified ulna, subsequent encounter for fracture with nonunion   |
| S52.691K | Other fracture of lower end of right ulna, subsequent encounter for closed fracture with nonunion  |
| S52.691M | Other fracture of lower end of right ulna, subsequent encounter for open fracture type I or ii with nonunion                             |
| S52.691N | Other fracture of lower end of right ulna, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion                 |
| S52.692K | Other fracture of lower end of left ulna, subsequent encounter for closed fracture with nonunion   |
| S52.692M | Other fracture of lower end of left ulna, subsequent encounter for open fracture type I or ii with nonunion                              |
| S52.692N | Other fracture of lower end of left ulna, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion                  |
| S52.699K | Other fracture of lower end of unspecified ulna, subsequent encounter for closed fracture with nonunion                                  |
| S52.699M | Other fracture of lower end of unspecified ulna, subsequent encounter for open fracture type I or ii with nonunion                       |
| S52.699N | Other fracture of lower end of unspecified ulna, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion           |
| S52.90XK | Unspecified fracture of unspecified forearm, subsequent encounter for closed fracture with nonunion                                      |

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| S52.90XM | Unspecified fracture of unspecified forearm, subsequent encounter for open fracture type I or ii with nonunion                  |
| S52.90XN | Unspecified fracture of unspecified forearm, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion      |
| S52.91XK | Unspecified fracture of right forearm, subsequent encounter for closed fracture with nonunion                                   |
| S52.91XM | Unspecified fracture of right forearm, subsequent encounter for open fracture type I or ii with nonunion                        |
| S52.91XN | Unspecified fracture of right forearm, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion            |
| S52.92XK | Unspecified fracture of left forearm, subsequent encounter for closed fracture with nonunion                                    |
| S52.92XM | Unspecified fracture of left forearm, subsequent encounter for open fracture type I or ii with nonunion                         |
| S52.92XN | Unspecified fracture of left forearm, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion             |
| S59.001K | Unspecified physeal fracture of lower end of ulna, right arm, subsequent encounter for fracture with nonunion                   |
| S59.002K | Unspecified physeal fracture of lower end of ulna, left arm, subsequent encounter for fracture with nonunion                    |
| S59.009K | Unspecified physeal fracture of lower end of ulna, unspecified arm, subsequent encounter for fracture with nonunion             |
| S59.011K | Salter-Harris type I physeal fracture of lower end of ulna, right arm, subsequent encounter for fracture with nonunion          |
| S59.012K | Salter-Harris type I physeal fracture of lower end of ulna, left arm, subsequent encounter for fracture with nonunion           |
| S59.019K | Salter-Harris type I physeal fracture of lower end of ulna, unspecified arm, subsequent encounter for fracture with nonunion    |
| S59.021K | Salter-Harris type ii physeal fracture of lower end of ulna, right arm, subsequent encounter for fracture with nonunion         |
| S59.022K | Salter-Harris type ii physeal fracture of lower end of ulna, left arm, subsequent encounter for fracture with nonunion          |
| S59.029K | Salter-Harris type ii physeal fracture of lower end of ulna, unspecified arm, subsequent encounter for fracture with nonunion   |
| S59.031K | Salter-Harris type iii physeal fracture of lower end of ulna, right arm, subsequent encounter for fracture with nonunion        |
| S59.032K | Salter-Harris type iii physeal fracture of lower end of ulna, left arm, subsequent encounter for fracture with nonunion         |
| S59.039K | Salter-Harris type iii physeal fracture of lower end of ulna, unspecified arm, subsequent encounter for fracture with nonunion  |
| S59.041K | Salter-Harris type iv physeal fracture of lower end of ulna, right arm, subsequent encounter for fracture with nonunion         |
| S59.042K | Salter-Harris type iv physeal fracture of lower end of ulna, left arm, subsequent encounter for fracture with nonunion          |
| S59.049K | Salter-Harris type iv physeal fracture of lower end of ulna, unspecified arm, subsequent encounter for fracture with nonunion   |
| S59.091K | Other physeal fracture of lower end of ulna, right arm, subsequent encounter for fracture with nonunion                         |
| S59.092K | Other physeal fracture of lower end of ulna, left arm, subsequent encounter for fracture with nonunion                          |
| S59.099K | Other physeal fracture of lower end of ulna, unspecified arm, subsequent encounter for fracture with nonunion                   |
| S59.101K | Unspecified physeal fracture of upper end of radius, right arm, subsequent encounter for fracture with nonunion                 |
| S59.102K | Unspecified physeal fracture of upper end of radius, left arm, subsequent encounter for fracture with nonunion                  |
| S59.109K | Unspecified physeal fracture of upper end of radius, unspecified arm, subsequent encounter for fracture with nonunion           |
| S59.111K | Salter-Harris type I physeal fracture of upper end of radius, right arm, subsequent encounter for fracture with nonunion        |
| S59.112K | Salter-Harris type I physeal fracture of upper end of radius, left arm, subsequent encounter for fracture with nonunion         |
| S59.119K | Salter-Harris type I physeal fracture of upper end of radius, unspecified arm, subsequent encounter for fracture with nonunion  |
| S59.121K | Salter-Harris type ii physeal fracture of upper end of radius, right arm, subsequent encounter for fracture with nonunion       |
| S59.122K | Salter-Harris type ii physeal fracture of upper end of radius, left arm, subsequent encounter for fracture with nonunion        |
| S59.129K | Salter-Harris type ii physeal fracture of upper end of radius, unspecified arm, subsequent encounter for fracture with nonunion |

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| S59.131K | Salter-Harris type iii physeal fracture of upper end of radius, right arm, subsequent encounter for fracture with nonunion           |
| S59.132K | Salter-Harris type iii physeal fracture of upper end of radius, left arm, subsequent encounter for fracture with nonunion            |
| S59.139K | Salter-Harris type iii physeal fracture of upper end of radius, unspecified arm, subsequent encounter for fracture with nonunion     |
| S59.141K | Salter-Harris type iv physeal fracture of upper end of radius, right arm, subsequent encounter for fracture with nonunion            |
| S59.142K | Salter-Harris type iv physeal fracture of upper end of radius, left arm, subsequent encounter for fracture with nonunion             |
| S59.149K | Salter-Harris type iv physeal fracture of upper end of radius, unspecified arm, subsequent encounter for fracture with nonunion      |
| S59.191K | Other physeal fracture of upper end of radius, right arm, subsequent encounter for fracture with nonunion                            |
| S59.192K | Other physeal fracture of upper end of radius, left arm, subsequent encounter for fracture with nonunion                             |
| S59.199K | Other physeal fracture of upper end of radius, unspecified arm, subsequent encounter for fracture with nonunion                      |
| S59.201K | Unspecified physeal fracture of lower end of radius, right arm, subsequent encounter for fracture with nonunion                      |
| S59.202K | Unspecified physeal fracture of lower end of radius, left arm, subsequent encounter for fracture with nonunion                       |
| S59.209K | Unspecified physeal fracture of lower end of radius, unspecified arm, subsequent encounter for fracture with nonunion                |
| S59.211K | Salter-Harris type I physeal fracture of lower end of radius, right arm, subsequent encounter for fracture with nonunion             |
| S59.212K | Salter-Harris type I physeal fracture of lower end of radius, left arm, subsequent encounter for fracture with nonunion              |
| S59.219K | Salter-Harris type I physeal fracture of lower end of radius, unspecified arm, subsequent encounter for fracture with nonunion       |
| S59.221K | Salter-Harris type ii physeal fracture of lower end of radius, right arm, subsequent encounter for fracture with nonunion            |
| S59.222K | Salter-Harris type ii physeal fracture of lower end of radius, left arm, subsequent encounter for fracture with nonunion             |
| S59.229K | Salter-Harris type ii physeal fracture of lower end of radius, unspecified arm, subsequent encounter for fracture with nonunion      |
| S59.231K | Salter-Harris type iii physeal fracture of lower end of radius, right arm, subsequent encounter for fracture with nonunion           |
| S59.232K | Salter-Harris type iii physeal fracture of lower end of radius, left arm, subsequent encounter for fracture with nonunion            |
| S59.239K | Salter-Harris type iii physeal fracture of lower end of radius, unspecified arm, subsequent encounter for fracture with nonunion     |
| S59.241K | Salter-Harris type iv physeal fracture of lower end of radius, right arm, subsequent encounter for fracture with nonunion            |
| S59.242K | Salter-Harris type iv physeal fracture of lower end of radius, left arm, subsequent encounter for fracture with nonunion             |
| S59.249K | Salter-Harris type iv physeal fracture of lower end of radius, unspecified arm, subsequent encounter for fracture with nonunion      |
| S59.291K | Other physeal fracture of lower end of radius, right arm, subsequent encounter for fracture with nonunion                            |
| S59.292K | Other physeal fracture of lower end of radius, left arm, subsequent encounter for fracture with nonunion                             |
| S59.299K | Other physeal fracture of lower end of radius, unspecified arm, subsequent encounter for fracture with nonunion                      |
| S62.001K | Unspecified fracture of navicular [scaphoid] bone of right wrist, subsequent encounter for fracture with nonunion                    |
| S62.002K | Unspecified fracture of navicular [scaphoid] bone of left wrist, subsequent encounter for fracture with nonunion                     |
| S62.009K | Unspecified fracture of navicular [scaphoid] bone of unspecified wrist, subsequent encounter for fracture with nonunion              |
| S62.011K | Displaced fracture of distal pole of navicular [scaphoid] bone of right wrist, subsequent encounter for fracture with nonunion       |
| S62.012K | Displaced fracture of distal pole of navicular [scaphoid] bone of left wrist, subsequent encounter for fracture with nonunion        |
| S62.013K | Displaced fracture of distal pole of navicular [scaphoid] bone of unspecified wrist, subsequent encounter for fracture with nonunion |

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| S62.014K | Nondisplaced fracture of distal pole of navicular [scaphoid] bone of right wrist, subsequent encounter for fracture with nonunion          |
| S62.015K | Nondisplaced fracture of distal pole of navicular [scaphoid] bone of left wrist, subsequent encounter for fracture with nonunion           |
| S62.016K | Nondisplaced fracture of distal pole of navicular [scaphoid] bone of unspecified wrist, subsequent encounter for fracture with nonunion    |
| S62.021K | Displaced fracture of middle third of navicular [scaphoid] bone of right wrist, subsequent encounter for fracture with nonunion            |
| S62.022K | Displaced fracture of middle third of navicular [scaphoid] bone of left wrist, subsequent encounter for fracture with nonunion             |
| S62.023K | Displaced fracture of middle third of navicular [scaphoid] bone of unspecified wrist, subsequent encounter for fracture with nonunion      |
| S62.024K | Nondisplaced fracture of middle third of navicular [scaphoid] bone of right wrist, subsequent encounter for fracture with nonunion         |
| S62.025K | Nondisplaced fracture of middle third of navicular [scaphoid] bone of left wrist, subsequent encounter for fracture with nonunion          |
| S62.026K | Nondisplaced fracture of middle third of navicular [scaphoid] bone of unspecified wrist, subsequent encounter for fracture with nonunion   |
| S62.031K | Displaced fracture of proximal third of navicular [scaphoid] bone of right wrist, subsequent encounter for fracture with nonunion          |
| S62.032K | Displaced fracture of proximal third of navicular [scaphoid] bone of left wrist, subsequent encounter for fracture with nonunion           |
| S62.033K | Displaced fracture of proximal third of navicular [scaphoid] bone of unspecified wrist, subsequent encounter for fracture with nonunion    |
| S62.034K | Nondisplaced fracture of proximal third of navicular [scaphoid] bone of right wrist, subsequent encounter for fracture with nonunion       |
| S62.035K | Nondisplaced fracture of proximal third of navicular [scaphoid] bone of left wrist, subsequent encounter for fracture with nonunion        |
| S62.036K | Nondisplaced fracture of proximal third of navicular [scaphoid] bone of unspecified wrist, subsequent encounter for fracture with nonunion |
| S62.201K | Unspecified fracture of first metacarpal bone, right hand, subsequent encounter for fracture with nonunion                                 |
| S62.202K | Unspecified fracture of first metacarpal bone, left hand, subsequent encounter for fracture with nonunion                                  |
| S62.209K | Unspecified fracture of first metacarpal bone, unspecified hand, subsequent encounter for fracture with nonunion                           |
| S62.211K | Bennett's fracture, right hand, subsequent encounter for fracture with nonunion  |
| S62.212K | Bennett's fracture, left hand, subsequent encounter for fracture with nonunion   |
| S62.213K | Bennett's fracture, unspecified hand, subsequent encounter for fracture with nonunion  |
| S62.221K | Displaced Rolando's fracture, right hand, subsequent encounter for fracture with nonunion  |
| S62.222K | Displaced Rolando's fracture, left hand, subsequent encounter for fracture with nonunion   |
| S62.223K | Displaced Rolando's fracture, unspecified hand, subsequent encounter for fracture with nonunion  |
| S62.224K | Nondisplaced Rolando's fracture, right hand, subsequent encounter for fracture with nonunion   |
| S62.225K | Nondisplaced Rolando's fracture, left hand, subsequent encounter for fracture with nonunion  |
| S62.226K | Nondisplaced Rolando's fracture, unspecified hand, subsequent encounter for fracture with nonunion   |
| S62.231K | Other displaced fracture of base of first metacarpal bone, right hand, subsequent encounter for fracture with nonunion                     |
| S62.232K | Other displaced fracture of base of first metacarpal bone, left hand, subsequent encounter for fracture with nonunion                      |
| S62.233K | Other displaced fracture of base of first metacarpal bone, unspecified hand, subsequent encounter for fracture with nonunion               |
| S62.234K | Other nondisplaced fracture of base of first metacarpal bone, right hand, subsequent encounter for fracture with nonunion                  |
| S62.235K | Other nondisplaced fracture of base of first metacarpal bone, left hand, subsequent encounter for fracture with nonunion                   |
| S62.236K | Other nondisplaced fracture of base of first metacarpal bone, unspecified hand, subsequent encounter for fracture with nonunion            |
| S62.241K | Displaced fracture of shaft of first metacarpal bone, right hand, subsequent encounter for fracture with nonunion                          |
| S62.242K | Displaced fracture of shaft of first metacarpal bone, left hand, subsequent encounter for fracture with nonunion                           |

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| S62.243K | Displaced fracture of shaft of first metacarpal bone, unspecified hand, subsequent encounter for fracture with nonunion    |
| S62.244K | Nondisplaced fracture of shaft of first metacarpal bone, right hand, subsequent encounter for fracture with nonunion       |
| S62.245K | Nondisplaced fracture of shaft of first metacarpal bone, left hand, subsequent encounter for fracture with nonunion        |
| S62.246K | Nondisplaced fracture of shaft of first metacarpal bone, unspecified hand, subsequent encounter for fracture with nonunion |
| S62.251K | Displaced fracture of neck of first metacarpal bone, right hand, subsequent encounter for fracture with nonunion           |
| S62.252K | Displaced fracture of neck of first metacarpal bone, left hand, subsequent encounter for fracture with nonunion            |
| S62.253K | Displaced fracture of neck of first metacarpal bone, unspecified hand, subsequent encounter for fracture with nonunion     |
| S62.254K | Nondisplaced fracture of neck of first metacarpal bone, right hand, subsequent encounter for fracture with nonunion        |
| S62.255K | Nondisplaced fracture of neck of first metacarpal bone, left hand, subsequent encounter for fracture with nonunion         |
| S62.256K | Nondisplaced fracture of neck of first metacarpal bone, unspecified hand, subsequent encounter for fracture with nonunion  |
| S62.291K | Other fracture of first metacarpal bone, right hand, subsequent encounter for fracture with nonunion                       |
| S62.292K | Other fracture of first metacarpal bone, left hand, subsequent encounter for fracture with nonunion                        |
| S62.299K | Other fracture of first metacarpal bone, unspecified hand, subsequent encounter for fracture with nonunion                 |
| S62.300K | Unspecified fracture of second metacarpal bone, right hand, subsequent encounter for fracture with nonunion                |
| S62.301K | Unspecified fracture of second metacarpal bone, left hand, subsequent encounter for fracture with nonunion                 |
| S62.302K | Unspecified fracture of third metacarpal bone, right hand, subsequent encounter for fracture with nonunion                 |
| S62.303K | Unspecified fracture of third metacarpal bone, left hand, subsequent encounter for fracture with nonunion                  |
| S62.304K | Unspecified fracture of fourth metacarpal bone, right hand, subsequent encounter for fracture with nonunion                |
| S62.305K | Unspecified fracture of fourth metacarpal bone, left hand, subsequent encounter for fracture with nonunion                 |
| S62.306K | Unspecified fracture of fifth metacarpal bone, right hand, subsequent encounter for fracture with nonunion                 |
| S62.307K | Unspecified fracture of fifth metacarpal bone, left hand, subsequent encounter for fracture with nonunion                  |
| S62.308K | Unspecified fracture of other metacarpal bone, subsequent encounter for fracture with nonunion                             |
| S62.309K | Unspecified fracture of unspecified metacarpal bone, subsequent encounter for fracture with nonunion                       |
| S62.310K | Displaced fracture of base of second metacarpal bone, right hand, subsequent encounter for fracture with nonunion          |
| S62.311K | Displaced fracture of base of second metacarpal bone, left hand, subsequent encounter for fracture with nonunion           |
| S62.312K | Displaced fracture of base of third metacarpal bone, right hand, subsequent encounter for fracture with nonunion           |
| S62.313K | Displaced fracture of base of third metacarpal bone, left hand, subsequent encounter for fracture with nonunion            |
| S62.314K | Displaced fracture of base of fourth metacarpal bone, right hand, subsequent encounter for fracture with nonunion          |
| S62.315K | Displaced fracture of base of fourth metacarpal bone, left hand, subsequent encounter for fracture with nonunion           |
| S62.316K | Displaced fracture of base of fifth metacarpal bone, right hand, subsequent encounter for fracture with nonunion           |
| S62.317K | Displaced fracture of base of fifth metacarpal bone, left hand, subsequent encounter for fracture with nonunion            |
| S62.318K | Displaced fracture of base of other metacarpal bone, subsequent encounter for fracture with nonunion                       |
| S62.319K | Displaced fracture of base of unspecified metacarpal bone, subsequent encounter for fracture with nonunion                 |
| S62.320K | Displaced fracture of shaft of second metacarpal bone, right hand, subsequent encounter for fracture with nonunion         |
| S62.321K | Displaced fracture of shaft of second metacarpal bone, left hand, subsequent encounter for fracture with nonunion          |
| S62.322K | Displaced fracture of shaft of third metacarpal bone, right hand, subsequent encounter for fracture with nonunion          |
| S62.323K | Displaced fracture of shaft of third metacarpal bone, left hand, subsequent encounter for fracture with nonunion           |
| S62.324K | Displaced fracture of shaft of fourth metacarpal bone, right hand, subsequent encounter for fracture with nonunion         |
| S62.325K | Displaced fracture of shaft of fourth metacarpal bone, left hand, subsequent encounter for fracture with nonunion          |

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| S62.326K | Displaced fracture of shaft of fifth metacarpal bone, right hand, subsequent encounter for fracture with nonunion     |
| S62.327K | Displaced fracture of shaft of fifth metacarpal bone, left hand, subsequent encounter for fracture with nonunion      |
| S62.328K | Displaced fracture of shaft of other metacarpal bone, subsequent encounter for fracture with nonunion                 |
| S62.329K | Displaced fracture of shaft of unspecified metacarpal bone, subsequent encounter for fracture with nonunion           |
| S62.330K | Displaced fracture of neck of second metacarpal bone, right hand, subsequent encounter for fracture with nonunion     |
| S62.331K | Displaced fracture of neck of second metacarpal bone, left hand, subsequent encounter for fracture with nonunion      |
| S62.332K | Displaced fracture of neck of third metacarpal bone, right hand, subsequent encounter for fracture with nonunion      |
| S62.333K | Displaced fracture of neck of third metacarpal bone, left hand, subsequent encounter for fracture with nonunion       |
| S62.334K | Displaced fracture of neck of fourth metacarpal bone, right hand, subsequent encounter for fracture with nonunion     |
| S62.335K | Displaced fracture of neck of fourth metacarpal bone, left hand, subsequent encounter for fracture with nonunion      |
| S62.336K | Displaced fracture of neck of fifth metacarpal bone, right hand, subsequent encounter for fracture with nonunion      |
| S62.337K | Displaced fracture of neck of fifth metacarpal bone, left hand, subsequent encounter for fracture with nonunion       |
| S62.338K | Displaced fracture of neck of other metacarpal bone, subsequent encounter for fracture with nonunion                  |
| S62.339K | Displaced fracture of neck of unspecified metacarpal bone, subsequent encounter for fracture with nonunion            |
| S62.340K | Nondisplaced fracture of base of second metacarpal bone, right hand, subsequent encounter for fracture with nonunion  |
| S62.341K | Nondisplaced fracture of base of second metacarpal bone, left hand, subsequent encounter for fracture with nonunion   |
| S62.342K | Nondisplaced fracture of base of third metacarpal bone, right hand, subsequent encounter for fracture with nonunion   |
| S62.343K | Nondisplaced fracture of base of third metacarpal bone, left hand, subsequent encounter for fracture with nonunion    |
| S62.344K | Nondisplaced fracture of base of fourth metacarpal bone, right hand, subsequent encounter for fracture with nonunion  |
| S62.345K | Nondisplaced fracture of base of fourth metacarpal bone, left hand, subsequent encounter for fracture with nonunion   |
| S62.346K | Nondisplaced fracture of base of fifth metacarpal bone, right hand, subsequent encounter for fracture with nonunion   |
| S62.347K | Nondisplaced fracture of base of fifth metacarpal bone, left hand, subsequent encounter for fracture with nonunion    |
| S62.348K | Nondisplaced fracture of base of other metacarpal bone, subsequent encounter for fracture with nonunion               |
| S62.349K | Nondisplaced fracture of base of unspecified metacarpal bone, subsequent encounter for fracture with nonunion         |
| S62.350K | Nondisplaced fracture of shaft of second metacarpal bone, right hand, subsequent encounter for fracture with nonunion |
| S62.351K | Nondisplaced fracture of shaft of second metacarpal bone, left hand, subsequent encounter for fracture with nonunion  |
| S62.352K | Nondisplaced fracture of shaft of third metacarpal bone, right hand, subsequent encounter for fracture with nonunion  |
| S62.353K | Nondisplaced fracture of shaft of third metacarpal bone, left hand, subsequent encounter for fracture with nonunion   |
| S62.354K | Nondisplaced fracture of shaft of fourth metacarpal bone, right hand, subsequent encounter for fracture with nonunion |
| S62.355K | Nondisplaced fracture of shaft of fourth metacarpal bone, left hand, subsequent encounter for fracture with nonunion  |
| S62.356K | Nondisplaced fracture of shaft of fifth metacarpal bone, right hand, subsequent encounter for fracture with nonunion  |
| S62.357K | Nondisplaced fracture of shaft of fifth metacarpal bone, left hand, subsequent encounter for fracture with nonunion   |
| S62.358K | Nondisplaced fracture of shaft of other metacarpal bone, subsequent encounter for fracture with nonunion              |
| S62.359K | Nondisplaced fracture of shaft of unspecified metacarpal bone, subsequent encounter for fracture with nonunion        |

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| S62.360K | Nondisplaced fracture of neck of second metacarpal bone, right hand, subsequent encounter for fracture with nonunion |
| S62.361K | Nondisplaced fracture of neck of second metacarpal bone, left hand, subsequent encounter for fracture with nonunion  |
| S62.362K | Nondisplaced fracture of neck of third metacarpal bone, right hand, subsequent encounter for fracture with nonunion  |
| S62.363K | Nondisplaced fracture of neck of third metacarpal bone, left hand, subsequent encounter for fracture with nonunion   |
| S62.364K | Nondisplaced fracture of neck of fourth metacarpal bone, right hand, subsequent encounter for fracture with nonunion |
| S62.365K | Nondisplaced fracture of neck of fourth metacarpal bone, left hand, subsequent encounter for fracture with nonunion  |
| S62.366K | Nondisplaced fracture of neck of fifth metacarpal bone, right hand, subsequent encounter for fracture with nonunion  |
| S62.367K | Nondisplaced fracture of neck of fifth metacarpal bone, left hand, subsequent encounter for fracture with nonunion   |
| S62.368K | Nondisplaced fracture of neck of other metacarpal bone, subsequent encounter for fracture with nonunion              |
| S62.369K | Nondisplaced fracture of neck of unspecified metacarpal bone, subsequent encounter for fracture with nonunion        |
| S62.390K | Other fracture of second metacarpal bone, right hand, subsequent encounter for fracture with nonunion                |
| S62.391K | Other fracture of second metacarpal bone, left hand, subsequent encounter for fracture with nonunion                 |
| S62.392K | Other fracture of third metacarpal bone, right hand, subsequent encounter for fracture with nonunion                 |
| S62.393K | Other fracture of third metacarpal bone, left hand, subsequent encounter for fracture with nonunion                  |
| S62.394K | Other fracture of fourth metacarpal bone, right hand, subsequent encounter for fracture with nonunion                |
| S62.395K | Other fracture of fourth metacarpal bone, left hand, subsequent encounter for fracture with nonunion                 |
| S62.396K | Other fracture of fifth metacarpal bone, right hand, subsequent encounter for fracture with nonunion                 |
| S62.397K | Other fracture of fifth metacarpal bone, left hand, subsequent encounter for fracture with nonunion                  |
| S62.398K | Other fracture of other metacarpal bone, subsequent encounter for fracture with nonunion                             |
| S62.399K | Other fracture of unspecified metacarpal bone, subsequent encounter for fracture with nonunion                       |
| S62.501K | Fracture of unspecified phalanx of right thumb, subsequent encounter for fracture with nonunion                      |
| S62.502K | Fracture of unspecified phalanx of left thumb, subsequent encounter for fracture with nonunion                       |
| S62.509K | Fracture of unspecified phalanx of unspecified thumb, subsequent encounter for fracture with nonunion                |
| S62.511K | Displaced fracture of proximal phalanx of right thumb, subsequent encounter for fracture with nonunion               |
| S62.512K | Displaced fracture of proximal phalanx of left thumb, subsequent encounter for fracture with nonunion                |
| S62.513K | Displaced fracture of proximal phalanx of unspecified thumb, subsequent encounter for fracture with nonunion         |
| S62.514K | Nondisplaced fracture of proximal phalanx of right thumb, subsequent encounter for fracture with nonunion            |
| S62.515K | Nondisplaced fracture of proximal phalanx of left thumb, subsequent encounter for fracture with nonunion             |
| S62.516K | Nondisplaced fracture of proximal phalanx of unspecified thumb, subsequent encounter for fracture with nonunion      |
| S62.521K | Displaced fracture of distal phalanx of right thumb, subsequent encounter for fracture with nonunion                 |
| S62.522K | Displaced fracture of distal phalanx of left thumb, subsequent encounter for fracture with nonunion                  |
| S62.523K | Displaced fracture of distal phalanx of unspecified thumb, subsequent encounter for fracture with nonunion           |
| S62.524K | Nondisplaced fracture of distal phalanx of right thumb, subsequent encounter for fracture with nonunion              |
| S62.525K | Nondisplaced fracture of distal phalanx of left thumb, subsequent encounter for fracture with nonunion               |
| S62.526K | Nondisplaced fracture of distal phalanx of unspecified thumb, subsequent encounter for fracture with nonunion        |
| S62.600K | Fracture of unspecified phalanx of right index finger, subsequent encounter for fracture with nonunion               |
| S62.601K | Fracture of unspecified phalanx of left index finger, subsequent encounter for fracture with nonunion                |
| S62.602K | Fracture of unspecified phalanx of right middle finger, subsequent encounter for fracture with nonunion              |
| S62.603K | Fracture of unspecified phalanx of left middle finger, subsequent encounter for fracture with nonunion               |
| S62.604K | Fracture of unspecified phalanx of right ring finger, subsequent encounter for fracture with nonunion                |
| S62.605K | Fracture of unspecified phalanx of left ring finger, subsequent encounter for fracture with nonunion                 |
| S62.606K | Fracture of unspecified phalanx of right little finger, subsequent encounter for fracture with nonunion              |
| S62.607K | Fracture of unspecified phalanx of left little finger, subsequent encounter for fracture with nonunion               |
| S62.608K | Fracture of unspecified phalanx of other finger, subsequent encounter for fracture with nonunion                     |
| S62.609K | Fracture of unspecified phalanx of unspecified finger, subsequent encounter for fracture with nonunion               |
| S62.610K | Displaced fracture of proximal phalanx of right index finger, subsequent encounter for fracture with nonunion        |
| S62.611K | Displaced fracture of proximal phalanx of left index finger, subsequent encounter for fracture with nonunion         |
| S62.612K | Displaced fracture of proximal phalanx of right middle finger, subsequent encounter for fracture with nonunion       |





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| S62.666K | Nondisplaced fracture of distal phalanx of right little finger, subsequent encounter for fracture with nonunion  |
| S62.667K | Nondisplaced fracture of distal phalanx of left little finger, subsequent encounter for fracture with nonunion   |
| S62.668K | Nondisplaced fracture of distal phalanx of other finger, subsequent encounter for fracture with nonunion   |
| S62.669K | Nondisplaced fracture of distal phalanx of unspecified finger, subsequent encounter for fracture with nonunion   |
| S62.90XK | Unspecified fracture of unspecified wrist and hand, subsequent encounter for fracture with nonunion  |
| S62.91XK | Unspecified fracture of right wrist and hand, subsequent encounter for fracture with nonunion  |
| S62.92XK | Unspecified fracture of left wrist and hand, subsequent encounter for fracture with nonunion   |
| S72.001K | Fracture of unspecified part of neck of right femur, subsequent encounter for closed fracture with nonunion  |
| S72.001M | Fracture of unspecified part of neck of right femur, subsequent encounter for open fracture type I or ii with nonunion                                   |
| S72.001N | Fracture of unspecified part of neck of right femur, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion                       |
| S72.002K | Fracture of unspecified part of neck of left femur, subsequent encounter for closed fracture with nonunion   |
| S72.002M | Fracture of unspecified part of neck of left femur, subsequent encounter for open fracture type I or ii with nonunion                                    |
| S72.002N | Fracture of unspecified part of neck of left femur, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion                        |
| S72.009K | Fracture of unspecified part of neck of unspecified femur, subsequent encounter for closed fracture with nonunion  |
| S72.009M | Fracture of unspecified part of neck of unspecified femur, subsequent encounter for open fracture type I or ii with nonunion                             |
| S72.009N | Fracture of unspecified part of neck of unspecified femur, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion                 |
| S72.011K | Unspecified intracapsular fracture of right femur, subsequent encounter for closed fracture with nonunion  |
| S72.011M | Unspecified intracapsular fracture of right femur, subsequent encounter for open fracture type I or ii with nonunion                                     |
| S72.011N | Unspecified intracapsular fracture of right femur, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion                         |
| S72.012K | Unspecified intracapsular fracture of left femur, subsequent encounter for closed fracture with nonunion   |
| S72.012M | Unspecified intracapsular fracture of left femur, subsequent encounter for open fracture type I or ii with nonunion                                      |
| S72.012N | Unspecified intracapsular fracture of left femur, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion                          |
| S72.019K | Unspecified intracapsular fracture of unspecified femur, subsequent encounter for closed fracture with nonunion  |
| S72.019M | Unspecified intracapsular fracture of unspecified femur, subsequent encounter for open fracture type I or ii with nonunion                               |
| S72.019N | Unspecified intracapsular fracture of unspecified femur, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion                   |
| S72.021K | Displaced fracture of epiphysis (separation) (upper) of right femur, subsequent encounter for closed fracture with nonunion                              |
| S72.021M | Displaced fracture of epiphysis (separation) (upper) of right femur, subsequent encounter for open fracture type I or ii with nonunion                   |
| S72.021N | Displaced fracture of epiphysis (separation) (upper) of right femur, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion       |
| S72.022K | Displaced fracture of epiphysis (separation) (upper) of left femur, subsequent encounter for closed fracture with nonunion                               |
| S72.022M | Displaced fracture of epiphysis (separation) (upper) of left femur, subsequent encounter for open fracture type I or ii with nonunion                    |
| S72.022N | Displaced fracture of epiphysis (separation) (upper) of left femur, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion        |
| S72.023K | Displaced fracture of epiphysis (separation) (upper) of unspecified femur, subsequent encounter for closed fracture with nonunion                        |
| S72.023M | Displaced fracture of epiphysis (separation) (upper) of unspecified femur, subsequent encounter for open fracture type I or ii with nonunion             |
| S72.023N | Displaced fracture of epiphysis (separation) (upper) of unspecified femur, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion |

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| S72.024K | Nondisplaced fracture of epiphysis (separation) (upper) of right femur, subsequent encounter for closed fracture with nonunion                              |
| S72.024M | Nondisplaced fracture of epiphysis (separation) (upper) of right femur, subsequent encounter for open fracture type I or ii with nonunion                   |
| S72.024N | Nondisplaced fracture of epiphysis (separation) (upper) of right femur, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion       |
| S72.025K | Nondisplaced fracture of epiphysis (separation) (upper) of left femur, subsequent encounter for closed fracture with nonunion                               |
| S72.025M | Nondisplaced fracture of epiphysis (separation) (upper) of left femur, subsequent encounter for open fracture type I or ii with nonunion                    |
| S72.025N | Nondisplaced fracture of epiphysis (separation) (upper) of left femur, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion        |
| S72.026K | Nondisplaced fracture of epiphysis (separation) (upper) of unspecified femur, subsequent encounter for closed fracture with nonunion                        |
| S72.026M | Nondisplaced fracture of epiphysis (separation) (upper) of unspecified femur, subsequent encounter for open fracture type I or ii with nonunion             |
| S72.026N | Nondisplaced fracture of epiphysis (separation) (upper) of unspecified femur, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion |
| S72.031K | Displaced midcervical fracture of right femur, subsequent encounter for closed fracture with nonunion   |
| S72.031M | Displaced midcervical fracture of right femur, subsequent encounter for open fracture type I or ii with nonunion  |
| S72.031N | Displaced midcervical fracture of right femur, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion                                |
| S72.032K | Displaced midcervical fracture of left femur, subsequent encounter for closed fracture with nonunion  |
| S72.032M | Displaced midcervical fracture of left femur, subsequent encounter for open fracture type I or ii with nonunion   |
| S72.032N | Displaced midcervical fracture of left femur, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion                                 |
| S72.033K | Displaced midcervical fracture of unspecified femur, subsequent encounter for closed fracture with nonunion   |
| S72.033M | Displaced midcervical fracture of unspecified femur, subsequent encounter for open fracture type I or ii with nonunion                                      |
| S72.033N | Displaced midcervical fracture of unspecified femur, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion                          |
| S72.034K | Nondisplaced midcervical fracture of right femur, subsequent encounter for closed fracture with nonunion  |
| S72.034M | Nondisplaced midcervical fracture of right femur, subsequent encounter for open fracture type I or ii with nonunion   |
| S72.034N | Nondisplaced midcervical fracture of right femur, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion                             |
| S72.035K | Nondisplaced midcervical fracture of left femur, subsequent encounter for closed fracture with nonunion   |
| S72.035M | Nondisplaced midcervical fracture of left femur, subsequent encounter for open fracture type I or ii with nonunion  |
| S72.035N | Nondisplaced midcervical fracture of left femur, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion                              |
| S72.036K | Nondisplaced midcervical fracture of unspecified femur, subsequent encounter for closed fracture with nonunion  |
| S72.036M | Nondisplaced midcervical fracture of unspecified femur, subsequent encounter for open fracture type I or ii with nonunion                                   |
| S72.036N | Nondisplaced midcervical fracture of unspecified femur, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion                       |
| S72.041K | Displaced fracture of base of neck of right femur, subsequent encounter for closed fracture with nonunion   |
| S72.041M | Displaced fracture of base of neck of right femur, subsequent encounter for open fracture type I or ii with nonunion  |
| S72.041N | Displaced fracture of base of neck of right femur, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion                            |
| S72.042K | Displaced fracture of base of neck of left femur, subsequent encounter for closed fracture with nonunion  |
| S72.042M | Displaced fracture of base of neck of left femur, subsequent encounter for open fracture type I or ii with nonunion   |
| S72.042N | Displaced fracture of base of neck of left femur, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion                             |
| S72.043K | Displaced fracture of base of neck of unspecified femur, subsequent encounter for closed fracture with nonunion   |

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| S72.043M | Displaced fracture of base of neck of unspecified femur, subsequent encounter for open fracture type I or ii with nonunion                |
| S72.043N | Displaced fracture of base of neck of unspecified femur, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion    |
| S72.044K | Nondisplaced fracture of base of neck of right femur, subsequent encounter for closed fracture with nonunion                              |
| S72.044M | Nondisplaced fracture of base of neck of right femur, subsequent encounter for open fracture type I or ii with nonunion                   |
| S72.044N | Nondisplaced fracture of base of neck of right femur, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion       |
| S72.045K | Nondisplaced fracture of base of neck of left femur, subsequent encounter for closed fracture with nonunion                               |
| S72.045M | Nondisplaced fracture of base of neck of left femur, subsequent encounter for open fracture type I or ii with nonunion                    |
| S72.045N | Nondisplaced fracture of base of neck of left femur, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion        |
| S72.046K | Nondisplaced fracture of base of neck of unspecified femur, subsequent encounter for closed fracture with nonunion                        |
| S72.046M | Nondisplaced fracture of base of neck of unspecified femur, subsequent encounter for open fracture type I or ii with nonunion             |
| S72.046N | Nondisplaced fracture of base of neck of unspecified femur, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion |
| S72.051K | Unspecified fracture of head of right femur, subsequent encounter for closed fracture with nonunion                                       |
| S72.051M | Unspecified fracture of head of right femur, subsequent encounter for open fracture type I or ii with nonunion                            |
| S72.051N | Unspecified fracture of head of right femur, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion                |
| S72.052K | Unspecified fracture of head of left femur, subsequent encounter for closed fracture with nonunion  |
| S72.052M | Unspecified fracture of head of left femur, subsequent encounter for open fracture type I or ii with nonunion                             |
| S72.052N | Unspecified fracture of head of left femur, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion                 |
| S72.059K | Unspecified fracture of head of unspecified femur, subsequent encounter for closed fracture with nonunion                                 |
| S72.059M | Unspecified fracture of head of unspecified femur, subsequent encounter for open fracture type I or ii with nonunion                      |
| S72.059N | Unspecified fracture of head of unspecified femur, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion          |
| S72.061K | Displaced articular fracture of head of right femur, subsequent encounter for closed fracture with nonunion                               |
| S72.061M | Displaced articular fracture of head of right femur, subsequent encounter for open fracture type I or ii with nonunion                    |
| S72.061N | Displaced articular fracture of head of right femur, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion        |
| S72.062K | Displaced articular fracture of head of left femur, subsequent encounter for closed fracture with nonunion                                |
| S72.062M | Displaced articular fracture of head of left femur, subsequent encounter for open fracture type I or ii with nonunion                     |
| S72.062N | Displaced articular fracture of head of left femur, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion         |
| S72.063K | Displaced articular fracture of head of unspecified femur, subsequent encounter for closed fracture with nonunion                         |
| S72.063M | Displaced articular fracture of head of unspecified femur, subsequent encounter for open fracture type I or ii with nonunion              |
| S72.063N | Displaced articular fracture of head of unspecified femur, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion  |
| S72.064K | Nondisplaced articular fracture of head of right femur, subsequent encounter for closed fracture with nonunion                            |
| S72.064M | Nondisplaced articular fracture of head of right femur, subsequent encounter for open fracture type I or ii with nonunion                 |
| S72.064N | Nondisplaced articular fracture of head of right femur, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion     |
| S72.065K | Nondisplaced articular fracture of head of left femur, subsequent encounter for closed fracture with nonunion                             |
| S72.065M | Nondisplaced articular fracture of head of left femur, subsequent encounter for open fracture type I or ii with nonunion                  |

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| S72.065N | Nondisplaced articular fracture of head of left femur, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion         |
| S72.066K | Nondisplaced articular fracture of head of unspecified femur, subsequent encounter for closed fracture with nonunion                         |
| S72.066M | Nondisplaced articular fracture of head of unspecified femur, subsequent encounter for open fracture type I or ii with nonunion              |
| S72.066N | Nondisplaced articular fracture of head of unspecified femur, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion  |
| S72.091K | Other fracture of head and neck of right femur, subsequent encounter for closed fracture with nonunion                                       |
| S72.091M | Other fracture of head and neck of right femur, subsequent encounter for open fracture type I or ii with nonunion                            |
| S72.091N | Other fracture of head and neck of right femur, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion                |
| S72.092K | Other fracture of head and neck of left femur, subsequent encounter for closed fracture with nonunion  |
| S72.092M | Other fracture of head and neck of left femur, subsequent encounter for open fracture type I or ii with nonunion                             |
| S72.092N | Other fracture of head and neck of left femur, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion                 |
| S72.099K | Other fracture of head and neck of unspecified femur, subsequent encounter for closed fracture with nonunion                                 |
| S72.099M | Other fracture of head and neck of unspecified femur, subsequent encounter for open fracture type I or ii with nonunion                      |
| S72.099N | Other fracture of head and neck of unspecified femur, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion          |
| S72.101K | Unspecified trochanteric fracture of right femur, subsequent encounter for closed fracture with nonunion                                     |
| S72.101M | Unspecified trochanteric fracture of right femur, subsequent encounter for open fracture type I or ii with nonunion                          |
| S72.101N | Unspecified trochanteric fracture of right femur, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion              |
| S72.102K | Unspecified trochanteric fracture of left femur, subsequent encounter for closed fracture with nonunion                                      |
| S72.102M | Unspecified trochanteric fracture of left femur, subsequent encounter for open fracture type I or ii with nonunion                           |
| S72.102N | Unspecified trochanteric fracture of left femur, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion               |
| S72.109K | Unspecified trochanteric fracture of unspecified femur, subsequent encounter for closed fracture with nonunion                               |
| S72.109M | Unspecified trochanteric fracture of unspecified femur, subsequent encounter for open fracture type I or ii with nonunion                    |
| S72.109N | Unspecified trochanteric fracture of unspecified femur, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion        |
| S72.111K | Displaced fracture of greater trochanter of right femur, subsequent encounter for closed fracture with nonunion                              |
| S72.111M | Displaced fracture of greater trochanter of right femur, subsequent encounter for open fracture type I or ii with nonunion                   |
| S72.111N | Displaced fracture of greater trochanter of right femur, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion       |
| S72.112K | Displaced fracture of greater trochanter of left femur, subsequent encounter for closed fracture with nonunion                               |
| S72.112M | Displaced fracture of greater trochanter of left femur, subsequent encounter for open fracture type I or ii with nonunion                    |
| S72.112N | Displaced fracture of greater trochanter of left femur, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion        |
| S72.113K | Displaced fracture of greater trochanter of unspecified femur, subsequent encounter for closed fracture with nonunion                        |
| S72.113M | Displaced fracture of greater trochanter of unspecified femur, subsequent encounter for open fracture type I or ii with nonunion             |
| S72.113N | Displaced fracture of greater trochanter of unspecified femur, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion |
| S72.114K | Nondisplaced fracture of greater trochanter of right femur, subsequent encounter for closed fracture with nonunion                           |
| S72.114M | Nondisplaced fracture of greater trochanter of right femur, subsequent encounter for open fracture type I or ii with nonunion                |
| S72.114N | Nondisplaced fracture of greater trochanter of right femur, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion    |

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| S72.115K | Nondisplaced fracture of greater trochanter of left femur, subsequent encounter for closed fracture with nonunion                               |
| S72.115M | Nondisplaced fracture of greater trochanter of left femur, subsequent encounter for open fracture type I or ii with nonunion                    |
| S72.115N | Nondisplaced fracture of greater trochanter of left femur, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion        |
| S72.116K | Nondisplaced fracture of greater trochanter of unspecified femur, subsequent encounter for closed fracture with nonunion                        |
| S72.116M | Nondisplaced fracture of greater trochanter of unspecified femur, subsequent encounter for open fracture type I or ii with nonunion             |
| S72.116N | Nondisplaced fracture of greater trochanter of unspecified femur, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion |
| S72.121K | Displaced fracture of lesser trochanter of right femur, subsequent encounter for closed fracture with nonunion                                  |
| S72.121M | Displaced fracture of lesser trochanter of right femur, subsequent encounter for open fracture type I or ii with nonunion                       |
| S72.121N | Displaced fracture of lesser trochanter of right femur, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion           |
| S72.122K | Displaced fracture of lesser trochanter of left femur, subsequent encounter for closed fracture with nonunion                                   |
| S72.122M | Displaced fracture of lesser trochanter of left femur, subsequent encounter for open fracture type I or ii with nonunion                        |
| S72.122N | Displaced fracture of lesser trochanter of left femur, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion            |
| S72.123K | Displaced fracture of lesser trochanter of unspecified femur, subsequent encounter for closed fracture with nonunion                            |
| S72.123M | Displaced fracture of lesser trochanter of unspecified femur, subsequent encounter for open fracture type I or ii with nonunion                 |
| S72.123N | Displaced fracture of lesser trochanter of unspecified femur, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion     |
| S72.124K | Nondisplaced fracture of lesser trochanter of right femur, subsequent encounter for closed fracture with nonunion                               |
| S72.124M | Nondisplaced fracture of lesser trochanter of right femur, subsequent encounter for open fracture type I or ii with nonunion                    |
| S72.124N | Nondisplaced fracture of lesser trochanter of right femur, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion        |
| S72.125K | Nondisplaced fracture of lesser trochanter of left femur, subsequent encounter for closed fracture with nonunion                                |
| S72.125M | Nondisplaced fracture of lesser trochanter of left femur, subsequent encounter for open fracture type I or ii with nonunion                     |
| S72.125N | Nondisplaced fracture of lesser trochanter of left femur, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion         |
| S72.126K | Nondisplaced fracture of lesser trochanter of unspecified femur, subsequent encounter for closed fracture with nonunion                         |
| S72.126M | Nondisplaced fracture of lesser trochanter of unspecified femur, subsequent encounter for open fracture type I or ii with nonunion              |
| S72.126N | Nondisplaced fracture of lesser trochanter of unspecified femur, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion  |
| S72.131K | Displaced apophyseal fracture of right femur, subsequent encounter for closed fracture with nonunion  |
| S72.131M | Displaced apophyseal fracture of right femur, subsequent encounter for open fracture type I or ii with nonunion                                 |
| S72.131N | Displaced apophyseal fracture of right femur, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion                     |
| S72.132K | Displaced apophyseal fracture of left femur, subsequent encounter for closed fracture with nonunion   |
| S72.132M | Displaced apophyseal fracture of left femur, subsequent encounter for open fracture type I or ii with nonunion                                  |
| S72.132N | Displaced apophyseal fracture of left femur, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion                      |
| S72.133K | Displaced apophyseal fracture of unspecified femur, subsequent encounter for closed fracture with nonunion                                      |
| S72.133M | Displaced apophyseal fracture of unspecified femur, subsequent encounter for open fracture type I or ii with nonunion                           |
| S72.133N | Displaced apophyseal fracture of unspecified femur, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion               |

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| S72.134K | Nondisplaced apophyseal fracture of right femur, subsequent encounter for closed fracture with nonunion                                     |
| S72.134M | Nondisplaced apophyseal fracture of right femur, subsequent encounter for open fracture type I or ii with nonunion                          |
| S72.134N | Nondisplaced apophyseal fracture of right femur, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion              |
| S72.135K | Nondisplaced apophyseal fracture of left femur, subsequent encounter for closed fracture with nonunion                                      |
| S72.135M | Nondisplaced apophyseal fracture of left femur, subsequent encounter for open fracture type I or ii with nonunion                           |
| S72.135N | Nondisplaced apophyseal fracture of left femur, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion               |
| S72.136K | Nondisplaced apophyseal fracture of unspecified femur, subsequent encounter for closed fracture with nonunion                               |
| S72.136M | Nondisplaced apophyseal fracture of unspecified femur, subsequent encounter for open fracture type I or ii with nonunion                    |
| S72.136N | Nondisplaced apophyseal fracture of unspecified femur, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion        |
| S72.141K | Displaced intertrochanteric fracture of right femur, subsequent encounter for closed fracture with nonunion                                 |
| S72.141M | Displaced intertrochanteric fracture of right femur, subsequent encounter for open fracture type I or ii with nonunion                      |
| S72.141N | Displaced intertrochanteric fracture of right femur, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion          |
| S72.142K | Displaced intertrochanteric fracture of left femur, subsequent encounter for closed fracture with nonunion                                  |
| S72.142M | Displaced intertrochanteric fracture of left femur, subsequent encounter for open fracture type I or ii with nonunion                       |
| S72.142N | Displaced intertrochanteric fracture of left femur, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion           |
| S72.143K | Displaced intertrochanteric fracture of unspecified femur, subsequent encounter for closed fracture with nonunion                           |
| S72.143M | Displaced intertrochanteric fracture of unspecified femur, subsequent encounter for open fracture type I or ii with nonunion                |
| S72.143N | Displaced intertrochanteric fracture of unspecified femur, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion    |
| S72.144K | Nondisplaced intertrochanteric fracture of right femur, subsequent encounter for closed fracture with nonunion                              |
| S72.144M | Nondisplaced intertrochanteric fracture of right femur, subsequent encounter for open fracture type I or ii with nonunion                   |
| S72.144N | Nondisplaced intertrochanteric fracture of right femur, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion       |
| S72.145K | Nondisplaced intertrochanteric fracture of left femur, subsequent encounter for closed fracture with nonunion                               |
| S72.145M | Nondisplaced intertrochanteric fracture of left femur, subsequent encounter for open fracture type I or ii with nonunion                    |
| S72.145N | Nondisplaced intertrochanteric fracture of left femur, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion        |
| S72.146K | Nondisplaced intertrochanteric fracture of unspecified femur, subsequent encounter for closed fracture with nonunion                        |
| S72.146M | Nondisplaced intertrochanteric fracture of unspecified femur, subsequent encounter for open fracture type I or ii with nonunion             |
| S72.146N | Nondisplaced intertrochanteric fracture of unspecified femur, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion |
| S72.21XK | Displaced subtrochanteric fracture of right femur, subsequent encounter for closed fracture with nonunion                                   |
| S72.21XM | Displaced subtrochanteric fracture of right femur, subsequent encounter for open fracture type I or ii with nonunion                        |
| S72.21XN | Displaced subtrochanteric fracture of right femur, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion            |
| S72.22XK | Displaced subtrochanteric fracture of left femur, subsequent encounter for closed fracture with nonunion                                    |
| S72.22XM | Displaced subtrochanteric fracture of left femur, subsequent encounter for open fracture type I or ii with nonunion                         |
| S72.22XN | Displaced subtrochanteric fracture of left femur, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion             |

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| S72.23XK | Displaced subtrochanteric fracture of unspecified femur, subsequent encounter for closed fracture with nonunion                            |
| S72.23XM | Displaced subtrochanteric fracture of unspecified femur, subsequent encounter for open fracture type I or ii with nonunion                 |
| S72.23XN | Displaced subtrochanteric fracture of unspecified femur, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion     |
| S72.24XK | Nondisplaced subtrochanteric fracture of right femur, subsequent encounter for closed fracture with nonunion                               |
| S72.24XM | Nondisplaced subtrochanteric fracture of right femur, subsequent encounter for open fracture type I or ii with nonunion                    |
| S72.24XN | Nondisplaced subtrochanteric fracture of right femur, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion        |
| S72.25XK | Nondisplaced subtrochanteric fracture of left femur, subsequent encounter for closed fracture with nonunion                                |
| S72.25XM | Nondisplaced subtrochanteric fracture of left femur, subsequent encounter for open fracture type I or ii with nonunion                     |
| S72.25XN | Nondisplaced subtrochanteric fracture of left femur, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion         |
| S72.26XK | Nondisplaced subtrochanteric fracture of unspecified femur, subsequent encounter for closed fracture with nonunion                         |
| S72.26XM | Nondisplaced subtrochanteric fracture of unspecified femur, subsequent encounter for open fracture type I or ii with nonunion              |
| S72.26XN | Nondisplaced subtrochanteric fracture of unspecified femur, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion  |
| S72.301K | Unspecified fracture of shaft of right femur, subsequent encounter for closed fracture with nonunion                                       |
| S72.301M | Unspecified fracture of shaft of right femur, subsequent encounter for open fracture type I or ii with nonunion                            |
| S72.301N | Unspecified fracture of shaft of right femur, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion                |
| S72.302K | Unspecified fracture of shaft of left femur, subsequent encounter for closed fracture with nonunion  |
| S72.302M | Unspecified fracture of shaft of left femur, subsequent encounter for open fracture type I or ii with nonunion                             |
| S72.302N | Unspecified fracture of shaft of left femur, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion                 |
| S72.309K | Unspecified fracture of shaft of unspecified femur, subsequent encounter for closed fracture with nonunion                                 |
| S72.309M | Unspecified fracture of shaft of unspecified femur, subsequent encounter for open fracture type I or ii with nonunion                      |
| S72.309N | Unspecified fracture of shaft of unspecified femur, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion          |
| S72.321K | Displaced transverse fracture of shaft of right femur, subsequent encounter for closed fracture with nonunion                              |
| S72.321M | Displaced transverse fracture of shaft of right femur, subsequent encounter for open fracture type I or ii with nonunion                   |
| S72.321N | Displaced transverse fracture of shaft of right femur, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion       |
| S72.322K | Displaced transverse fracture of shaft of left femur, subsequent encounter for closed fracture with nonunion                               |
| S72.322M | Displaced transverse fracture of shaft of left femur, subsequent encounter for open fracture type I or ii with nonunion                    |
| S72.322N | Displaced transverse fracture of shaft of left femur, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion        |
| S72.323K | Displaced transverse fracture of shaft of unspecified femur, subsequent encounter for closed fracture with nonunion                        |
| S72.323M | Displaced transverse fracture of shaft of unspecified femur, subsequent encounter for open fracture type I or ii with nonunion             |
| S72.323N | Displaced transverse fracture of shaft of unspecified femur, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion |
| S72.324K | Nondisplaced transverse fracture of shaft of right femur, subsequent encounter for closed fracture with nonunion                           |
| S72.324M | Nondisplaced transverse fracture of shaft of right femur, subsequent encounter for open fracture type I or ii with nonunion                |
| S72.324N | Nondisplaced transverse fracture of shaft of right femur, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion    |
| S72.325K | Nondisplaced transverse fracture of shaft of left femur, subsequent encounter for closed fracture with nonunion                            |



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| S72.325M | Nondisplaced transverse fracture of shaft of left femur, subsequent encounter for open fracture type I or ii with nonunion                    |
| S72.325N | Nondisplaced transverse fracture of shaft of left femur, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion        |
| S72.326K | Nondisplaced transverse fracture of shaft of unspecified femur, subsequent encounter for closed fracture with nonunion                        |
| S72.326M | Nondisplaced transverse fracture of shaft of unspecified femur, subsequent encounter for open fracture type I or ii with nonunion             |
| S72.326N | Nondisplaced transverse fracture of shaft of unspecified femur, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion |
| S72.331K | Displaced oblique fracture of shaft of right femur, subsequent encounter for closed fracture with nonunion                                    |
| S72.331M | Displaced oblique fracture of shaft of right femur, subsequent encounter for open fracture type I or ii with nonunion                         |
| S72.331N | Displaced oblique fracture of shaft of right femur, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion             |
| S72.332K | Displaced oblique fracture of shaft of left femur, subsequent encounter for closed fracture with nonunion                                     |
| S72.332M | Displaced oblique fracture of shaft of left femur, subsequent encounter for open fracture type I or ii with nonunion                          |
| S72.332N | Displaced oblique fracture of shaft of left femur, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion              |
| S72.333K | Displaced oblique fracture of shaft of unspecified femur, subsequent encounter for closed fracture with nonunion                              |
| S72.333M | Displaced oblique fracture of shaft of unspecified femur, subsequent encounter for open fracture type I or ii with nonunion                   |
| S72.333N | Displaced oblique fracture of shaft of unspecified femur, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion       |
| S72.334K | Nondisplaced oblique fracture of shaft of right femur, subsequent encounter for closed fracture with nonunion                                 |
| S72.334M | Nondisplaced oblique fracture of shaft of right femur, subsequent encounter for open fracture type I or ii with nonunion                      |
| S72.334N | Nondisplaced oblique fracture of shaft of right femur, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion          |
| S72.335K | Nondisplaced oblique fracture of shaft of left femur, subsequent encounter for closed fracture with nonunion                                  |
| S72.335M | Nondisplaced oblique fracture of shaft of left femur, subsequent encounter for open fracture type I or ii with nonunion                       |
| S72.335N | Nondisplaced oblique fracture of shaft of left femur, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion           |
| S72.336K | Nondisplaced oblique fracture of shaft of unspecified femur, subsequent encounter for closed fracture with nonunion                           |
| S72.336M | Nondisplaced oblique fracture of shaft of unspecified femur, subsequent encounter for open fracture type I or ii with nonunion                |
| S72.336N | Nondisplaced oblique fracture of shaft of unspecified femur, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion    |
| S72.341K | Displaced spiral fracture of shaft of right femur, subsequent encounter for closed fracture with nonunion                                     |
| S72.341M | Displaced spiral fracture of shaft of right femur, subsequent encounter for open fracture type I or ii with nonunion                          |
| S72.341N | Displaced spiral fracture of shaft of right femur, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion              |
| S72.342K | Displaced spiral fracture of shaft of left femur, subsequent encounter for closed fracture with nonunion                                      |
| S72.342M | Displaced spiral fracture of shaft of left femur, subsequent encounter for open fracture type I or ii with nonunion                           |
| S72.342N | Displaced spiral fracture of shaft of left femur, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion               |
| S72.343K | Displaced spiral fracture of shaft of unspecified femur, subsequent encounter for closed fracture with nonunion                               |
| S72.343M | Displaced spiral fracture of shaft of unspecified femur, subsequent encounter for open fracture type I or ii with nonunion                    |
| S72.343N | Displaced spiral fracture of shaft of unspecified femur, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion        |
| S72.344K | Nondisplaced spiral fracture of shaft of right femur, subsequent encounter for closed fracture with nonunion                                  |

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| S72.344M | Nondisplaced spiral fracture of shaft of right femur, subsequent encounter for open fracture type I or ii with nonunion                       |
| S72.344N | Nondisplaced spiral fracture of shaft of right femur, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion           |
| S72.345K | Nondisplaced spiral fracture of shaft of left femur, subsequent encounter for closed fracture with nonunion                                   |
| S72.345M | Nondisplaced spiral fracture of shaft of left femur, subsequent encounter for open fracture type I or ii with nonunion                        |
| S72.345N | Nondisplaced spiral fracture of shaft of left femur, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion            |
| S72.346K | Nondisplaced spiral fracture of shaft of unspecified femur, subsequent encounter for closed fracture with nonunion                            |
| S72.346M | Nondisplaced spiral fracture of shaft of unspecified femur, subsequent encounter for open fracture type I or ii with nonunion                 |
| S72.346N | Nondisplaced spiral fracture of shaft of unspecified femur, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion     |
| S72.351K | Displaced comminuted fracture of shaft of right femur, subsequent encounter for closed fracture with nonunion                                 |
| S72.351M | Displaced comminuted fracture of shaft of right femur, subsequent encounter for open fracture type I or ii with nonunion                      |
| S72.351N | Displaced comminuted fracture of shaft of right femur, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion          |
| S72.352K | Displaced comminuted fracture of shaft of left femur, subsequent encounter for closed fracture with nonunion                                  |
| S72.352M | Displaced comminuted fracture of shaft of left femur, subsequent encounter for open fracture type I or ii with nonunion                       |
| S72.352N | Displaced comminuted fracture of shaft of left femur, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion           |
| S72.353K | Displaced comminuted fracture of shaft of unspecified femur, subsequent encounter for closed fracture with nonunion                           |
| S72.353M | Displaced comminuted fracture of shaft of unspecified femur, subsequent encounter for open fracture type I or ii with nonunion                |
| S72.353N | Displaced comminuted fracture of shaft of unspecified femur, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion    |
| S72.354K | Nondisplaced comminuted fracture of shaft of right femur, subsequent encounter for closed fracture with nonunion                              |
| S72.354M | Nondisplaced comminuted fracture of shaft of right femur, subsequent encounter for open fracture type I or ii with nonunion                   |
| S72.354N | Nondisplaced comminuted fracture of shaft of right femur, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion       |
| S72.355K | Nondisplaced comminuted fracture of shaft of left femur, subsequent encounter for closed fracture with nonunion                               |
| S72.355M | Nondisplaced comminuted fracture of shaft of left femur, subsequent encounter for open fracture type I or ii with nonunion                    |
| S72.355N | Nondisplaced comminuted fracture of shaft of left femur, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion        |
| S72.356K | Nondisplaced comminuted fracture of shaft of unspecified femur, subsequent encounter for closed fracture with nonunion                        |
| S72.356M | Nondisplaced comminuted fracture of shaft of unspecified femur, subsequent encounter for open fracture type I or ii with nonunion             |
| S72.356N | Nondisplaced comminuted fracture of shaft of unspecified femur, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion |
| S72.361K | Displaced segmental fracture of shaft of right femur, subsequent encounter for closed fracture with nonunion                                  |
| S72.361M | Displaced segmental fracture of shaft of right femur, subsequent encounter for open fracture type I or ii with nonunion                       |
| S72.361N | Displaced segmental fracture of shaft of right femur, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion           |
| S72.362K | Displaced segmental fracture of shaft of left femur, subsequent encounter for closed fracture with nonunion                                   |
| S72.362M | Displaced segmental fracture of shaft of left femur, subsequent encounter for open fracture type I or ii with nonunion                        |

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| S72.362N | Displaced segmental fracture of shaft of left femur, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion                |
| S72.363K | Displaced segmental fracture of shaft of unspecified femur, subsequent encounter for closed fracture with nonunion                                |
| S72.363M | Displaced segmental fracture of shaft of unspecified femur, subsequent encounter for open fracture type I or ii with nonunion                     |
| S72.363N | Displaced segmental fracture of shaft of unspecified femur, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion         |
| S72.364K | Nondisplaced segmental fracture of shaft of right femur, subsequent encounter for closed fracture with nonunion                                   |
| S72.364M | Nondisplaced segmental fracture of shaft of right femur, subsequent encounter for open fracture type I or ii with nonunion                        |
| S72.364N | Nondisplaced segmental fracture of shaft of right femur, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion            |
| S72.365K | Nondisplaced segmental fracture of shaft of left femur, subsequent encounter for closed fracture with nonunion                                    |
| S72.365M | Nondisplaced segmental fracture of shaft of left femur, subsequent encounter for open fracture type I or ii with nonunion                         |
| S72.365N | Nondisplaced segmental fracture of shaft of left femur, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion             |
| S72.366K | Nondisplaced segmental fracture of shaft of unspecified femur, subsequent encounter for closed fracture with nonunion                             |
| S72.366M | Nondisplaced segmental fracture of shaft of unspecified femur, subsequent encounter for open fracture type I or ii with nonunion                  |
| S72.366N | Nondisplaced segmental fracture of shaft of unspecified femur, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion      |
| S72.391K | Other fracture of shaft of right femur, subsequent encounter for closed fracture with nonunion  |
| S72.391M | Other fracture of shaft of right femur, subsequent encounter for open fracture type I or ii with nonunion   |
| S72.391N | Other fracture of shaft of right femur, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion                             |
| S72.392K | Other fracture of shaft of left femur, subsequent encounter for closed fracture with nonunion   |
| S72.392M | Other fracture of shaft of left femur, subsequent encounter for open fracture type I or ii with nonunion  |
| S72.392N | Other fracture of shaft of left femur, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion                              |
| S72.399K | Other fracture of shaft of unspecified femur, subsequent encounter for closed fracture with nonunion  |
| S72.399M | Other fracture of shaft of unspecified femur, subsequent encounter for open fracture type I or ii with nonunion                                   |
| S72.399N | Other fracture of shaft of unspecified femur, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion                       |
| S72.401K | Unspecified fracture of lower end of right femur, subsequent encounter for closed fracture with nonunion  |
| S72.401M | Unspecified fracture of lower end of right femur, subsequent encounter for open fracture type I or ii with nonunion                               |
| S72.401N | Unspecified fracture of lower end of right femur, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion                   |
| S72.402K | Unspecified fracture of lower end of left femur, subsequent encounter for closed fracture with nonunion   |
| S72.402M | Unspecified fracture of lower end of left femur, subsequent encounter for open fracture type I or ii with nonunion                                |
| S72.402N | Unspecified fracture of lower end of left femur, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion                    |
| S72.409K | Unspecified fracture of lower end of unspecified femur, subsequent encounter for closed fracture with nonunion                                    |
| S72.409M | Unspecified fracture of lower end of unspecified femur, subsequent encounter for open fracture type I or ii with nonunion                         |
| S72.409N | Unspecified fracture of lower end of unspecified femur, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion             |
| S72.411K | Displaced unspecified condyle fracture of lower end of right femur, subsequent encounter for closed fracture with nonunion                        |
| S72.411M | Displaced unspecified condyle fracture of lower end of right femur, subsequent encounter for open fracture type I or ii with nonunion             |
| S72.411N | Displaced unspecified condyle fracture of lower end of right femur, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion |
| S72.412K | Displaced unspecified condyle fracture of lower end of left femur, subsequent encounter for closed fracture with nonunion                         |

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| S72.412M | Displaced unspecified condyle fracture of lower end of left femur, subsequent encounter for open fracture type I or ii with nonunion                       |
| S72.412N | Displaced unspecified condyle fracture of lower end of left femur, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion           |
| S72.413K | Displaced unspecified condyle fracture of lower end of unspecified femur, subsequent encounter for closed fracture with nonunion                           |
| S72.413M | Displaced unspecified condyle fracture of lower end of unspecified femur, subsequent encounter for open fracture type I or ii with nonunion                |
| S72.413N | Displaced unspecified condyle fracture of lower end of unspecified femur, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion    |
| S72.414K | Nondisplaced unspecified condyle fracture of lower end of right femur, subsequent encounter for closed fracture with nonunion                              |
| S72.414M | Nondisplaced unspecified condyle fracture of lower end of right femur, subsequent encounter for open fracture type I or ii with nonunion                   |
| S72.414N | Nondisplaced unspecified condyle fracture of lower end of right femur, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion       |
| S72.415K | Nondisplaced unspecified condyle fracture of lower end of left femur, subsequent encounter for closed fracture with nonunion                               |
| S72.415M | Nondisplaced unspecified condyle fracture of lower end of left femur, subsequent encounter for open fracture type I or ii with nonunion                    |
| S72.415N | Nondisplaced unspecified condyle fracture of lower end of left femur, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion        |
| S72.416K | Nondisplaced unspecified condyle fracture of lower end of unspecified femur, subsequent encounter for closed fracture with nonunion                        |
| S72.416M | Nondisplaced unspecified condyle fracture of lower end of unspecified femur, subsequent encounter for open fracture type I or ii with nonunion             |
| S72.416N | Nondisplaced unspecified condyle fracture of lower end of unspecified femur, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion |
| S72.421K | Displaced fracture of lateral condyle of right femur, subsequent encounter for closed fracture with nonunion   |
| S72.421M | Displaced fracture of lateral condyle of right femur, subsequent encounter for open fracture type I or ii with nonunion                                    |
| S72.421N | Displaced fracture of lateral condyle of right femur, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion                        |
| S72.422K | Displaced fracture of lateral condyle of left femur, subsequent encounter for closed fracture with nonunion  |
| S72.422M | Displaced fracture of lateral condyle of left femur, subsequent encounter for open fracture type I or ii with nonunion                                     |
| S72.422N | Displaced fracture of lateral condyle of left femur, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion                         |
| S72.423K | Displaced fracture of lateral condyle of unspecified femur, subsequent encounter for closed fracture with nonunion   |
| S72.423M | Displaced fracture of lateral condyle of unspecified femur, subsequent encounter for open fracture type I or ii with nonunion                              |
| S72.423N | Displaced fracture of lateral condyle of unspecified femur, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion                  |
| S72.424K | Nondisplaced fracture of lateral condyle of right femur, subsequent encounter for closed fracture with nonunion  |
| S72.424M | Nondisplaced fracture of lateral condyle of right femur, subsequent encounter for open fracture type I or ii with nonunion                                 |
| S72.424N | Nondisplaced fracture of lateral condyle of right femur, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion                     |
| S72.425K | Nondisplaced fracture of lateral condyle of left femur, subsequent encounter for closed fracture with nonunion   |
| S72.425M | Nondisplaced fracture of lateral condyle of left femur, subsequent encounter for open fracture type I or ii with nonunion                                  |
| S72.425N | Nondisplaced fracture of lateral condyle of left femur, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion                      |
| S72.426K | Nondisplaced fracture of lateral condyle of unspecified femur, subsequent encounter for closed fracture with nonunion                                      |
| S72.426M | Nondisplaced fracture of lateral condyle of unspecified femur, subsequent encounter for open fracture type I or ii with nonunion                           |

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| S72.426N | Nondisplaced fracture of lateral condyle of unspecified femur, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion           |
| S72.431K | Displaced fracture of medial condyle of right femur, subsequent encounter for closed fracture with nonunion  |
| S72.431M | Displaced fracture of medial condyle of right femur, subsequent encounter for open fracture type I or ii with nonunion                                 |
| S72.431N | Displaced fracture of medial condyle of right femur, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion                     |
| S72.432K | Displaced fracture of medial condyle of left femur, subsequent encounter for closed fracture with nonunion   |
| S72.432M | Displaced fracture of medial condyle of left femur, subsequent encounter for open fracture type I or ii with nonunion                                  |
| S72.432N | Displaced fracture of medial condyle of left femur, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion                      |
| S72.433K | Displaced fracture of medial condyle of unspecified femur, subsequent encounter for closed fracture with nonunion                                      |
| S72.433M | Displaced fracture of medial condyle of unspecified femur, subsequent encounter for open fracture type I or ii with nonunion                           |
| S72.433N | Displaced fracture of medial condyle of unspecified femur, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion               |
| S72.434K | Nondisplaced fracture of medial condyle of right femur, subsequent encounter for closed fracture with nonunion   |
| S72.434M | Nondisplaced fracture of medial condyle of right femur, subsequent encounter for open fracture type I or ii with nonunion                              |
| S72.434N | Nondisplaced fracture of medial condyle of right femur, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion                  |
| S72.435K | Nondisplaced fracture of medial condyle of left femur, subsequent encounter for closed fracture with nonunion  |
| S72.435M | Nondisplaced fracture of medial condyle of left femur, subsequent encounter for open fracture type I or ii with nonunion                               |
| S72.435N | Nondisplaced fracture of medial condyle of left femur, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion                   |
| S72.436K | Nondisplaced fracture of medial condyle of unspecified femur, subsequent encounter for closed fracture with nonunion                                   |
| S72.436M | Nondisplaced fracture of medial condyle of unspecified femur, subsequent encounter for open fracture type I or ii with nonunion                        |
| S72.436N | Nondisplaced fracture of medial condyle of unspecified femur, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion            |
| S72.441K | Displaced fracture of lower epiphysis (separation) of right femur, subsequent encounter for closed fracture with nonunion                              |
| S72.441M | Displaced fracture of lower epiphysis (separation) of right femur, subsequent encounter for open fracture type I or ii with nonunion                   |
| S72.441N | Displaced fracture of lower epiphysis (separation) of right femur, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion       |
| S72.442K | Displaced fracture of lower epiphysis (separation) of left femur, subsequent encounter for closed fracture with nonunion                               |
| S72.442M | Displaced fracture of lower epiphysis (separation) of left femur, subsequent encounter for open fracture type I or ii with nonunion                    |
| S72.442N | Displaced fracture of lower epiphysis (separation) of left femur, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion        |
| S72.443K | Displaced fracture of lower epiphysis (separation) of unspecified femur, subsequent encounter for closed fracture with nonunion                        |
| S72.443M | Displaced fracture of lower epiphysis (separation) of unspecified femur, subsequent encounter for open fracture type I or ii with nonunion             |
| S72.443N | Displaced fracture of lower epiphysis (separation) of unspecified femur, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion |
| S72.444K | Nondisplaced fracture of lower epiphysis (separation) of right femur, subsequent encounter for closed fracture with nonunion                           |
| S72.444M | Nondisplaced fracture of lower epiphysis (separation) of right femur, subsequent encounter for open fracture type I or ii with nonunion                |
| S72.444N | Nondisplaced fracture of lower epiphysis (separation) of right femur, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion    |

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| S72.445K | Nondisplaced fracture of lower epiphysis (separation) of left femur, subsequent encounter for closed fracture with nonunion  |
| S72.445M | Nondisplaced fracture of lower epiphysis (separation) of left femur, subsequent encounter for open fracture type I or ii with nonunion   |
| S72.445N | Nondisplaced fracture of lower epiphysis (separation) of left femur, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion                                   |
| S72.446K | Nondisplaced fracture of lower epiphysis (separation) of unspecified femur, subsequent encounter for closed fracture with nonunion   |
| S72.446M | Nondisplaced fracture of lower epiphysis (separation) of unspecified femur, subsequent encounter for open fracture type I or ii with nonunion  |
| S72.446N | Nondisplaced fracture of lower epiphysis (separation) of unspecified femur, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion                            |
| S72.451K | Displaced supracondylar fracture without intracondylar extension of lower end of right femur, subsequent encounter for closed fracture with nonunion                                 |
| S72.451M | Displaced supracondylar fracture without intracondylar extension of lower end of right femur, subsequent encounter for open fracture type I or ii with nonunion                      |
| S72.451N | Displaced supracondylar fracture without intracondylar extension of lower end of right femur, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion          |
| S72.452K | Displaced supracondylar fracture without intracondylar extension of lower end of left femur, subsequent encounter for closed fracture with nonunion                                  |
| S72.452M | Displaced supracondylar fracture without intracondylar extension of lower end of left femur, subsequent encounter for open fracture type I or ii with nonunion                       |
| S72.452N | Displaced supracondylar fracture without intracondylar extension of lower end of left femur, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion           |
| S72.453K | Displaced supracondylar fracture without intracondylar extension of lower end of unspecified femur, subsequent encounter for closed fracture with nonunion                           |
| S72.453M | Displaced supracondylar fracture without intracondylar extension of lower end of unspecified femur, subsequent encounter for open fracture type I or ii with nonunion                |
| S72.453N | Displaced supracondylar fracture without intracondylar extension of lower end of unspecified femur, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion    |
| S72.454K | Nondisplaced supracondylar fracture without intracondylar extension of lower end of right femur, subsequent encounter for closed fracture with nonunion                              |
| S72.454M | Nondisplaced supracondylar fracture without intracondylar extension of lower end of right femur, subsequent encounter for open fracture type I or ii with nonunion                   |
| S72.454N | Nondisplaced supracondylar fracture without intracondylar extension of lower end of right femur, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion       |
| S72.455K | Nondisplaced supracondylar fracture without intracondylar extension of lower end of left femur, subsequent encounter for closed fracture with nonunion                               |
| S72.455M | Nondisplaced supracondylar fracture without intracondylar extension of lower end of left femur, subsequent encounter for open fracture type I or ii with nonunion                    |
| S72.455N | Nondisplaced supracondylar fracture without intracondylar extension of lower end of left femur, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion        |
| S72.456K | Nondisplaced supracondylar fracture without intracondylar extension of lower end of unspecified femur, subsequent encounter for closed fracture with nonunion                        |
| S72.456M | Nondisplaced supracondylar fracture without intracondylar extension of lower end of unspecified femur, subsequent encounter for open fracture type I or ii with nonunion             |
| S72.456N | Nondisplaced supracondylar fracture without intracondylar extension of lower end of unspecified femur, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion |
| S72.461K | Displaced supracondylar fracture with intracondylar extension of lower end of right femur, subsequent encounter for closed fracture with nonunion                                    |
| S72.461M | Displaced supracondylar fracture with intracondylar extension of lower end of right femur, subsequent encounter for open fracture type I or ii with nonunion                         |
| S72.461N | Displaced supracondylar fracture with intracondylar extension of lower end of right femur, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion             |
| S72.462K | Displaced supracondylar fracture with intracondylar extension of lower end of left femur, subsequent encounter for closed fracture with nonunion                                     |
| S72.462M | Displaced supracondylar fracture with intracondylar extension of lower end of left femur, subsequent encounter for open fracture type I or ii with nonunion                          |

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| S72.462N | Displaced supracondylar fracture with intracondylar extension of lower end of left femur, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion           |
| S72.463K | Displaced supracondylar fracture with intracondylar extension of lower end of unspecified femur, subsequent encounter for closed fracture with nonunion                           |
| S72.463M | Displaced supracondylar fracture with intracondylar extension of lower end of unspecified femur, subsequent encounter for open fracture type I or ii with nonunion                |
| S72.463N | Displaced supracondylar fracture with intracondylar extension of lower end of unspecified femur, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion    |
| S72.464K | Nondisplaced supracondylar fracture with intracondylar extension of lower end of right femur, subsequent encounter for closed fracture with nonunion                              |
| S72.464M | Nondisplaced supracondylar fracture with intracondylar extension of lower end of right femur, subsequent encounter for open fracture type I or ii with nonunion                   |
| S72.464N | Nondisplaced supracondylar fracture with intracondylar extension of lower end of right femur, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion       |
| S72.465K | Nondisplaced supracondylar fracture with intracondylar extension of lower end of left femur, subsequent encounter for closed fracture with nonunion                               |
| S72.465M | Nondisplaced supracondylar fracture with intracondylar extension of lower end of left femur, subsequent encounter for open fracture type I or ii with nonunion                    |
| S72.465N | Nondisplaced supracondylar fracture with intracondylar extension of lower end of left femur, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion        |
| S72.466K | Nondisplaced supracondylar fracture with intracondylar extension of lower end of unspecified femur, subsequent encounter for closed fracture with nonunion                        |
| S72.466M | Nondisplaced supracondylar fracture with intracondylar extension of lower end of unspecified femur, subsequent encounter for open fracture type I or ii with nonunion             |
| S72.466N | Nondisplaced supracondylar fracture with intracondylar extension of lower end of unspecified femur, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion |
| S72.471K | Torus fracture of lower end of right femur, subsequent encounter for fracture with nonunion   |
| S72.472K | Torus fracture of lower end of left femur, subsequent encounter for fracture with nonunion  |
| S72.479K | Torus fracture of lower end of unspecified femur, subsequent encounter for fracture with nonunion   |
| S72.491K | Other fracture of lower end of right femur, subsequent encounter for closed fracture with nonunion  |
| S72.491M | Other fracture of lower end of right femur, subsequent encounter for open fracture type I or ii with nonunion   |
| S72.491N | Other fracture of lower end of right femur, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion   |
| S72.492K | Other fracture of lower end of left femur, subsequent encounter for closed fracture with nonunion   |
| S72.492M | Other fracture of lower end of left femur, subsequent encounter for open fracture type I or ii with nonunion  |
| S72.492N | Other fracture of lower end of left femur, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion  |
| S72.499K | Other fracture of lower end of unspecified femur, subsequent encounter for closed fracture with nonunion  |
| S72.499M | Other fracture of lower end of unspecified femur, subsequent encounter for open fracture type I or ii with nonunion   |
| S72.499N | Other fracture of lower end of unspecified femur, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion   |
| S72.8X1K | Other fracture of right femur, subsequent encounter for closed fracture with nonunion   |
| S72.8X1M | Other fracture of right femur, subsequent encounter for open fracture type I or ii with nonunion  |
| S72.8X1N | Other fracture of right femur, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion  |
| S72.8X2K | Other fracture of left femur, subsequent encounter for closed fracture with nonunion  |
| S72.8X2M | Other fracture of left femur, subsequent encounter for open fracture type I or ii with nonunion   |
| S72.8X2N | Other fracture of left femur, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion   |
| S72.8X9K | Other fracture of unspecified femur, subsequent encounter for closed fracture with nonunion   |
| S72.8X9M | Other fracture of unspecified femur, subsequent encounter for open fracture type I or ii with nonunion  |
| S72.8X9N | Other fracture of unspecified femur, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion  |
| S72.90XK | Unspecified fracture of unspecified femur, subsequent encounter for closed fracture with nonunion   |
| S72.90XM | Unspecified fracture of unspecified femur, subsequent encounter for open fracture type I or ii with nonunion  |
| S72.90XN | Unspecified fracture of unspecified femur, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion  |
| S72.91XK | Unspecified fracture of right femur, subsequent encounter for closed fracture with nonunion   |
| S72.91XM | Unspecified fracture of right femur, subsequent encounter for open fracture type I or ii with nonunion  |

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| S72.91XN | Unspecified fracture of right femur, subsequent encounter for open fracture type IIIa, IIIb, or IIIC with nonunion              |
| S72.92XK | Unspecified fracture of left femur, subsequent encounter for closed fracture with nonunion                                      |
| S72.92XM | Unspecified fracture of left femur, subsequent encounter for open fracture type I or II with nonunion                           |
| S72.92XN | Unspecified fracture of left femur, subsequent encounter for open fracture type IIIa, IIIb, or IIIC with nonunion               |
| S79.001K | Unspecified physeal fracture of upper end of right femur, subsequent encounter for fracture with nonunion                       |
| S79.002K | Unspecified physeal fracture of upper end of left femur, subsequent encounter for fracture with nonunion                        |
| S79.009K | Unspecified physeal fracture of upper end of unspecified femur, subsequent encounter for fracture with nonunion                 |
| S79.011K | Salter-Harris type I physeal fracture of upper end of right femur, subsequent encounter for fracture with nonunion              |
| S79.012K | Salter-Harris type I physeal fracture of upper end of left femur, subsequent encounter for fracture with nonunion               |
| S79.019K | Salter-Harris type I physeal fracture of upper end of unspecified femur, subsequent encounter for fracture with nonunion        |
| S79.091K | Other physeal fracture of upper end of right femur, subsequent encounter for fracture with nonunion                             |
| S79.092K | Other physeal fracture of upper end of left femur, subsequent encounter for fracture with nonunion                              |
| S79.099K | Other physeal fracture of upper end of unspecified femur, subsequent encounter for fracture with nonunion                       |
| S79.101K | Unspecified physeal fracture of lower end of right femur, subsequent encounter for fracture with nonunion                       |
| S79.102K | Unspecified physeal fracture of lower end of left femur, subsequent encounter for fracture with nonunion                        |
| S79.109K | Unspecified physeal fracture of lower end of unspecified femur, subsequent encounter for fracture with nonunion                 |
| S79.111K | Salter-Harris type I physeal fracture of lower end of right femur, subsequent encounter for fracture with nonunion              |
| S79.112K | Salter-Harris type I physeal fracture of lower end of left femur, subsequent encounter for fracture with nonunion               |
| S79.119K | Salter-Harris type I physeal fracture of lower end of unspecified femur, subsequent encounter for fracture with nonunion        |
| S79.121K | Salter-Harris type II physeal fracture of lower end of right femur, subsequent encounter for fracture with nonunion             |
| S79.122K | Salter-Harris type II physeal fracture of lower end of left femur, subsequent encounter for fracture with nonunion              |
| S79.129K | Salter-Harris type II physeal fracture of lower end of unspecified femur, subsequent encounter for fracture with nonunion       |
| S79.131K | Salter-Harris type III physeal fracture of lower end of right femur, subsequent encounter for fracture with nonunion            |
| S79.132K | Salter-Harris type III physeal fracture of lower end of left femur, subsequent encounter for fracture with nonunion             |
| S79.139K | Salter-Harris type III physeal fracture of lower end of unspecified femur, subsequent encounter for fracture with nonunion      |
| S79.141K | Salter-Harris type IV physeal fracture of lower end of right femur, subsequent encounter for fracture with nonunion             |
| S79.142K | Salter-Harris type IV physeal fracture of lower end of left femur, subsequent encounter for fracture with nonunion              |
| S79.149K | Salter-Harris type IV physeal fracture of lower end of unspecified femur, subsequent encounter for fracture with nonunion       |
| S79.191K | Other physeal fracture of lower end of right femur, subsequent encounter for fracture with nonunion                             |
| S79.192K | Other physeal fracture of lower end of left femur, subsequent encounter for fracture with nonunion                              |
| S79.199K | Other physeal fracture of lower end of unspecified femur, subsequent encounter for fracture with nonunion                       |
| S82.101K | Unspecified fracture of upper end of right tibia, subsequent encounter for closed fracture with nonunion                        |
| S82.101M | Unspecified fracture of upper end of right tibia, subsequent encounter for open fracture type I or II with nonunion             |
| S82.101N | Unspecified fracture of upper end of right tibia, subsequent encounter for open fracture type IIIa, IIIb, or IIIC with nonunion |
| S82.102K | Unspecified fracture of upper end of left tibia, subsequent encounter for closed fracture with nonunion                         |
| S82.102M | Unspecified fracture of upper end of left tibia, subsequent encounter for open fracture type I or II with nonunion              |
| S82.102N | Unspecified fracture of upper end of left tibia, subsequent encounter for open fracture type IIIa, IIIb, or IIIC with nonunion  |
| S82.109K | Unspecified fracture of upper end of unspecified tibia, subsequent encounter for closed fracture with nonunion                  |
| S82.109M | Unspecified fracture of upper end of unspecified tibia, subsequent encounter for open fracture type I or II with nonunion       |



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| S82.109N | Unspecified fracture of upper end of unspecified tibia, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion        |
| S82.111K | Displaced fracture of right tibial spine, subsequent encounter for closed fracture with nonunion   |
| S82.111M | Displaced fracture of right tibial spine, subsequent encounter for open fracture type I or ii with nonunion                                  |
| S82.111N | Displaced fracture of right tibial spine, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion                      |
| S82.112K | Displaced fracture of left tibial spine, subsequent encounter for closed fracture with nonunion  |
| S82.112M | Displaced fracture of left tibial spine, subsequent encounter for open fracture type I or ii with nonunion                                   |
| S82.112N | Displaced fracture of left tibial spine, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion                       |
| S82.113K | Displaced fracture of unspecified tibial spine, subsequent encounter for closed fracture with nonunion                                       |
| S82.113M | Displaced fracture of unspecified tibial spine, subsequent encounter for open fracture type I or ii with nonunion                            |
| S82.113N | Displaced fracture of unspecified tibial spine, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion                |
| S82.114K | Nondisplaced fracture of right tibial spine, subsequent encounter for closed fracture with nonunion  |
| S82.114M | Nondisplaced fracture of right tibial spine, subsequent encounter for open fracture type I or ii with nonunion                               |
| S82.114N | Nondisplaced fracture of right tibial spine, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion                   |
| S82.115K | Nondisplaced fracture of left tibial spine, subsequent encounter for closed fracture with nonunion   |
| S82.115M | Nondisplaced fracture of left tibial spine, subsequent encounter for open fracture type I or ii with nonunion                                |
| S82.115N | Nondisplaced fracture of left tibial spine, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion                    |
| S82.116K | Nondisplaced fracture of unspecified tibial spine, subsequent encounter for closed fracture with nonunion                                    |
| S82.116M | Nondisplaced fracture of unspecified tibial spine, subsequent encounter for open fracture type I or ii with nonunion                         |
| S82.116N | Nondisplaced fracture of unspecified tibial spine, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion             |
| S82.121K | Displaced fracture of lateral condyle of right tibia, subsequent encounter for closed fracture with nonunion                                 |
| S82.121M | Displaced fracture of lateral condyle of right tibia, subsequent encounter for open fracture type I or ii with nonunion                      |
| S82.121N | Displaced fracture of lateral condyle of right tibia, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion          |
| S82.122K | Displaced fracture of lateral condyle of left tibia, subsequent encounter for closed fracture with nonunion                                  |
| S82.122M | Displaced fracture of lateral condyle of left tibia, subsequent encounter for open fracture type I or ii with nonunion                       |
| S82.122N | Displaced fracture of lateral condyle of left tibia, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion           |
| S82.123K | Displaced fracture of lateral condyle of unspecified tibia, subsequent encounter for closed fracture with nonunion                           |
| S82.123M | Displaced fracture of lateral condyle of unspecified tibia, subsequent encounter for open fracture type I or ii with nonunion                |
| S82.123N | Displaced fracture of lateral condyle of unspecified tibia, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion    |
| S82.124K | Nondisplaced fracture of lateral condyle of right tibia, subsequent encounter for closed fracture with nonunion                              |
| S82.124M | Nondisplaced fracture of lateral condyle of right tibia, subsequent encounter for open fracture type I or ii with nonunion                   |
| S82.124N | Nondisplaced fracture of lateral condyle of right tibia, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion       |
| S82.125K | Nondisplaced fracture of lateral condyle of left tibia, subsequent encounter for closed fracture with nonunion                               |
| S82.125M | Nondisplaced fracture of lateral condyle of left tibia, subsequent encounter for open fracture type I or ii with nonunion                    |
| S82.125N | Nondisplaced fracture of lateral condyle of left tibia, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion        |
| S82.126K | Nondisplaced fracture of lateral condyle of unspecified tibia, subsequent encounter for closed fracture with nonunion                        |
| S82.126M | Nondisplaced fracture of lateral condyle of unspecified tibia, subsequent encounter for open fracture type I or ii with nonunion             |
| S82.126N | Nondisplaced fracture of lateral condyle of unspecified tibia, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion |

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| S82.131K | Displaced fracture of medial condyle of right tibia, subsequent encounter for closed fracture with nonunion                                 |
| S82.131M | Displaced fracture of medial condyle of right tibia, subsequent encounter for open fracture type I or ii with nonunion                      |
| S82.131N | Displaced fracture of medial condyle of right tibia, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion          |
| S82.132K | Displaced fracture of medial condyle of left tibia, subsequent encounter for closed fracture with nonunion                                  |
| S82.132M | Displaced fracture of medial condyle of left tibia, subsequent encounter for open fracture type I or ii with nonunion                       |
| S82.132N | Displaced fracture of medial condyle of left tibia, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion           |
| S82.133K | Displaced fracture of medial condyle of unspecified tibia, subsequent encounter for closed fracture with nonunion                           |
| S82.133M | Displaced fracture of medial condyle of unspecified tibia, subsequent encounter for open fracture type I or ii with nonunion                |
| S82.133N | Displaced fracture of medial condyle of unspecified tibia, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion    |
| S82.134K | Nondisplaced fracture of medial condyle of right tibia, subsequent encounter for closed fracture with nonunion                              |
| S82.134M | Nondisplaced fracture of medial condyle of right tibia, subsequent encounter for open fracture type I or ii with nonunion                   |
| S82.134N | Nondisplaced fracture of medial condyle of right tibia, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion       |
| S82.135K | Nondisplaced fracture of medial condyle of left tibia, subsequent encounter for closed fracture with nonunion                               |
| S82.135M | Nondisplaced fracture of medial condyle of left tibia, subsequent encounter for open fracture type I or ii with nonunion                    |
| S82.135N | Nondisplaced fracture of medial condyle of left tibia, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion        |
| S82.136K | Nondisplaced fracture of medial condyle of unspecified tibia, subsequent encounter for closed fracture with nonunion                        |
| S82.136M | Nondisplaced fracture of medial condyle of unspecified tibia, subsequent encounter for open fracture type I or ii with nonunion             |
| S82.136N | Nondisplaced fracture of medial condyle of unspecified tibia, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion |
| S82.141K | Displaced bicondylar fracture of right tibia, subsequent encounter for closed fracture with nonunion  |
| S82.141M | Displaced bicondylar fracture of right tibia, subsequent encounter for open fracture type I or ii with nonunion                             |
| S82.141N | Displaced bicondylar fracture of right tibia, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion                 |
| S82.142K | Displaced bicondylar fracture of left tibia, subsequent encounter for closed fracture with nonunion   |
| S82.142M | Displaced bicondylar fracture of left tibia, subsequent encounter for open fracture type I or ii with nonunion                              |
| S82.142N | Displaced bicondylar fracture of left tibia, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion                  |
| S82.143K | Displaced bicondylar fracture of unspecified tibia, subsequent encounter for closed fracture with nonunion                                  |
| S82.143M | Displaced bicondylar fracture of unspecified tibia, subsequent encounter for open fracture type I or ii with nonunion                       |
| S82.143N | Displaced bicondylar fracture of unspecified tibia, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion           |
| S82.144K | Nondisplaced bicondylar fracture of right tibia, subsequent encounter for closed fracture with nonunion                                     |
| S82.144M | Nondisplaced bicondylar fracture of right tibia, subsequent encounter for open fracture type I or ii with nonunion                          |
| S82.144N | Nondisplaced bicondylar fracture of right tibia, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion              |
| S82.145K | Nondisplaced bicondylar fracture of left tibia, subsequent encounter for closed fracture with nonunion                                      |
| S82.152M | Displaced fracture of left tibial tuberosity, subsequent encounter for open fracture type I or ii with nonunion                             |
| S82.152N | Displaced fracture of left tibial tuberosity, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion                 |
| S82.153K | Displaced fracture of unspecified tibial tuberosity, subsequent encounter for closed fracture with nonunion                                 |
| S82.153M | Displaced fracture of unspecified tibial tuberosity, subsequent encounter for open fracture type I or ii with nonunion                      |

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| S82.153N | Displaced fracture of unspecified tibial tuberosity, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion    |
| S82.154K | Nondisplaced fracture of right tibial tuberosity, subsequent encounter for closed fracture with nonunion                              |
| S82.154M | Nondisplaced fracture of right tibial tuberosity, subsequent encounter for open fracture type I or ii with nonunion                   |
| S82.154N | Nondisplaced fracture of right tibial tuberosity, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion       |
| S82.155K | Nondisplaced fracture of left tibial tuberosity, subsequent encounter for closed fracture with nonunion                               |
| S82.155M | Nondisplaced fracture of left tibial tuberosity, subsequent encounter for open fracture type I or ii with nonunion                    |
| S82.155N | Nondisplaced fracture of left tibial tuberosity, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion        |
| S82.156K | Nondisplaced fracture of unspecified tibial tuberosity, subsequent encounter for closed fracture with nonunion                        |
| S82.156M | Nondisplaced fracture of unspecified tibial tuberosity, subsequent encounter for open fracture type I or ii with nonunion             |
| S82.156N | Nondisplaced fracture of unspecified tibial tuberosity, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion |
| S82.161K | Torus fracture of upper end of right tibia, subsequent encounter for fracture with nonunion   |
| S82.162K | Torus fracture of upper end of left tibia, subsequent encounter for fracture with nonunion  |
| S82.169K | Torus fracture of upper end of unspecified tibia, subsequent encounter for fracture with nonunion                                     |
| S82.191K | Other fracture of upper end of right tibia, subsequent encounter for closed fracture with nonunion                                    |
| S82.191M | Other fracture of upper end of right tibia, subsequent encounter for open fracture type I or ii with nonunion                         |
| S82.191N | Other fracture of upper end of right tibia, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion             |
| S82.192K | Other fracture of upper end of left tibia, subsequent encounter for closed fracture with nonunion                                     |
| S82.192M | Other fracture of upper end of left tibia, subsequent encounter for open fracture type I or ii with nonunion                          |
| S82.192N | Other fracture of upper end of left tibia, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion              |
| S82.199K | Other fracture of upper end of unspecified tibia, subsequent encounter for closed fracture with nonunion                              |
| S82.199M | Other fracture of upper end of unspecified tibia, subsequent encounter for open fracture type I or ii with nonunion                   |
| S82.199N | Other fracture of upper end of unspecified tibia, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion       |
| S82.201K | Unspecified fracture of shaft of right tibia, subsequent encounter for closed fracture with nonunion                                  |
| S82.201M | Unspecified fracture of shaft of right tibia, subsequent encounter for open fracture type I or ii with nonunion                       |
| S82.201N | Unspecified fracture of shaft of right tibia, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion           |
| S82.202K | Unspecified fracture of shaft of left tibia, subsequent encounter for closed fracture with nonunion                                   |
| S82.202M | Unspecified fracture of shaft of left tibia, subsequent encounter for open fracture type I or ii with nonunion                        |
| S82.202N | Unspecified fracture of shaft of left tibia, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion            |
| S82.209K | Unspecified fracture of shaft of unspecified tibia, subsequent encounter for closed fracture with nonunion                            |
| S82.209M | Unspecified fracture of shaft of unspecified tibia, subsequent encounter for open fracture type I or ii with nonunion                 |
| S82.209N | Unspecified fracture of shaft of unspecified tibia, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion     |
| S82.221K | Displaced transverse fracture of shaft of right tibia, subsequent encounter for closed fracture with nonunion                         |
| S82.221M | Displaced transverse fracture of shaft of right tibia, subsequent encounter for open fracture type I or ii with nonunion              |
| S82.221N | Displaced transverse fracture of shaft of right tibia, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion  |
| S82.222K | Displaced transverse fracture of shaft of left tibia, subsequent encounter for closed fracture with nonunion                          |
| S82.222M | Displaced transverse fracture of shaft of left tibia, subsequent encounter for open fracture type I or ii with nonunion               |
| S82.222N | Displaced transverse fracture of shaft of left tibia, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion   |
| S82.223K | Displaced transverse fracture of shaft of unspecified tibia, subsequent encounter for closed fracture with nonunion                   |

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| S82.223M | Displaced transverse fracture of shaft of unspecified tibia, subsequent encounter for open fracture type I or ii with nonunion                |
| S82.223N | Displaced transverse fracture of shaft of unspecified tibia, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion    |
| S82.224K | Nondisplaced transverse fracture of shaft of right tibia, subsequent encounter for closed fracture with nonunion                              |
| S82.224M | Nondisplaced transverse fracture of shaft of right tibia, subsequent encounter for open fracture type I or ii with nonunion                   |
| S82.224N | Nondisplaced transverse fracture of shaft of right tibia, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion       |
| S82.225K | Nondisplaced transverse fracture of shaft of left tibia, subsequent encounter for closed fracture with nonunion                               |
| S82.225M | Nondisplaced transverse fracture of shaft of left tibia, subsequent encounter for open fracture type I or ii with nonunion                    |
| S82.225N | Nondisplaced transverse fracture of shaft of left tibia, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion        |
| S82.226K | Nondisplaced transverse fracture of shaft of unspecified tibia, subsequent encounter for closed fracture with nonunion                        |
| S82.226M | Nondisplaced transverse fracture of shaft of unspecified tibia, subsequent encounter for open fracture type I or ii with nonunion             |
| S82.226N | Nondisplaced transverse fracture of shaft of unspecified tibia, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion |
| S82.231K | Displaced oblique fracture of shaft of right tibia, subsequent encounter for closed fracture with nonunion                                    |
| S82.231M | Displaced oblique fracture of shaft of right tibia, subsequent encounter for open fracture type I or ii with nonunion                         |
| S82.231N | Displaced oblique fracture of shaft of right tibia, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion             |
| S82.232K | Displaced oblique fracture of shaft of left tibia, subsequent encounter for closed fracture with nonunion                                     |
| S82.232M | Displaced oblique fracture of shaft of left tibia, subsequent encounter for open fracture type I or ii with nonunion                          |
| S82.232N | Displaced oblique fracture of shaft of left tibia, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion              |
| S82.233K | Displaced oblique fracture of shaft of unspecified tibia, subsequent encounter for closed fracture with nonunion                              |
| S82.233M | Displaced oblique fracture of shaft of unspecified tibia, subsequent encounter for open fracture type I or ii with nonunion                   |
| S82.233N | Displaced oblique fracture of shaft of unspecified tibia, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion       |
| S82.234K | Nondisplaced oblique fracture of shaft of right tibia, subsequent encounter for closed fracture with nonunion                                 |
| S82.234M | Nondisplaced oblique fracture of shaft of right tibia, subsequent encounter for open fracture type I or ii with nonunion                      |
| S82.234N | Nondisplaced oblique fracture of shaft of right tibia, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion          |
| S82.235K | Nondisplaced oblique fracture of shaft of left tibia, subsequent encounter for closed fracture with nonunion                                  |
| S82.235M | Nondisplaced oblique fracture of shaft of left tibia, subsequent encounter for open fracture type I or ii with nonunion                       |
| S82.235N | Nondisplaced oblique fracture of shaft of left tibia, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion           |
| S82.236K | Nondisplaced oblique fracture of shaft of unspecified tibia, subsequent encounter for closed fracture with nonunion                           |
| S82.236M | Nondisplaced oblique fracture of shaft of unspecified tibia, subsequent encounter for open fracture type I or ii with nonunion                |
| S82.236N | Nondisplaced oblique fracture of shaft of unspecified tibia, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion    |
| S82.241K | Displaced spiral fracture of shaft of right tibia, subsequent encounter for closed fracture with nonunion                                     |
| S82.241M | Displaced spiral fracture of shaft of right tibia, subsequent encounter for open fracture type I or ii with nonunion                          |
| S82.241N | Displaced spiral fracture of shaft of right tibia, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion              |
| S82.242K | Displaced spiral fracture of shaft of left tibia, subsequent encounter for closed fracture with nonunion                                      |
| S82.242M | Displaced spiral fracture of shaft of left tibia, subsequent encounter for open fracture type I or ii with nonunion                           |

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| S82.242N | Displaced spiral fracture of shaft of left tibia, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion               |
| S82.243K | Displaced spiral fracture of shaft of unspecified tibia, subsequent encounter for closed fracture with nonunion                               |
| S82.243M | Displaced spiral fracture of shaft of unspecified tibia, subsequent encounter for open fracture type I or ii with nonunion                    |
| S82.243N | Displaced spiral fracture of shaft of unspecified tibia, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion        |
| S82.244K | Nondisplaced spiral fracture of shaft of right tibia, subsequent encounter for closed fracture with nonunion                                  |
| S82.244M | Nondisplaced spiral fracture of shaft of right tibia, subsequent encounter for open fracture type I or ii with nonunion                       |
| S82.244N | Nondisplaced spiral fracture of shaft of right tibia, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion           |
| S82.245K | Nondisplaced spiral fracture of shaft of left tibia, subsequent encounter for closed fracture with nonunion                                   |
| S82.245M | Nondisplaced spiral fracture of shaft of left tibia, subsequent encounter for open fracture type I or ii with nonunion                        |
| S82.245N | Nondisplaced spiral fracture of shaft of left tibia, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion            |
| S82.246K | Nondisplaced spiral fracture of shaft of unspecified tibia, subsequent encounter for closed fracture with nonunion                            |
| S82.246M | Nondisplaced spiral fracture of shaft of unspecified tibia, subsequent encounter for open fracture type I or ii with nonunion                 |
| S82.246N | Nondisplaced spiral fracture of shaft of unspecified tibia, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion     |
| S82.251K | Displaced comminuted fracture of shaft of right tibia, subsequent encounter for closed fracture with nonunion                                 |
| S82.251M | Displaced comminuted fracture of shaft of right tibia, subsequent encounter for open fracture type I or ii with nonunion                      |
| S82.251N | Displaced comminuted fracture of shaft of right tibia, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion          |
| S82.252K | Displaced comminuted fracture of shaft of left tibia, subsequent encounter for closed fracture with nonunion                                  |
| S82.252M | Displaced comminuted fracture of shaft of left tibia, subsequent encounter for open fracture type I or ii with nonunion                       |
| S82.252N | Displaced comminuted fracture of shaft of left tibia, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion           |
| S82.253K | Displaced comminuted fracture of shaft of unspecified tibia, subsequent encounter for closed fracture with nonunion                           |
| S82.253M | Displaced comminuted fracture of shaft of unspecified tibia, subsequent encounter for open fracture type I or ii with nonunion                |
| S82.253N | Displaced comminuted fracture of shaft of unspecified tibia, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion    |
| S82.254K | Nondisplaced comminuted fracture of shaft of right tibia, subsequent encounter for closed fracture with nonunion                              |
| S82.254M | Nondisplaced comminuted fracture of shaft of right tibia, subsequent encounter for open fracture type I or ii with nonunion                   |
| S82.254N | Nondisplaced comminuted fracture of shaft of right tibia, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion       |
| S82.255K | Nondisplaced comminuted fracture of shaft of left tibia, subsequent encounter for closed fracture with nonunion                               |
| S82.255M | Nondisplaced comminuted fracture of shaft of left tibia, subsequent encounter for open fracture type I or ii with nonunion                    |
| S82.255N | Nondisplaced comminuted fracture of shaft of left tibia, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion        |
| S82.256K | Nondisplaced comminuted fracture of shaft of unspecified tibia, subsequent encounter for closed fracture with nonunion                        |
| S82.256M | Nondisplaced comminuted fracture of shaft of unspecified tibia, subsequent encounter for open fracture type I or ii with nonunion             |
| S82.256N | Nondisplaced comminuted fracture of shaft of unspecified tibia, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion |
| S82.261K | Displaced segmental fracture of shaft of right tibia, subsequent encounter for closed fracture with nonunion                                  |

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| S82.261M | Displaced segmental fracture of shaft of right tibia, subsequent encounter for open fracture type I or ii with nonunion                      |
| S82.261N | Displaced segmental fracture of shaft of right tibia, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion          |
| S82.262K | Displaced segmental fracture of shaft of left tibia, subsequent encounter for closed fracture with nonunion                                  |
| S82.262M | Displaced segmental fracture of shaft of left tibia, subsequent encounter for open fracture type I or ii with nonunion                       |
| S82.262N | Displaced segmental fracture of shaft of left tibia, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion           |
| S82.263K | Displaced segmental fracture of shaft of unspecified tibia, subsequent encounter for closed fracture with nonunion                           |
| S82.263M | Displaced segmental fracture of shaft of unspecified tibia, subsequent encounter for open fracture type I or ii with nonunion                |
| S82.263N | Displaced segmental fracture of shaft of unspecified tibia, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion    |
| S82.264K | Nondisplaced segmental fracture of shaft of right tibia, subsequent encounter for closed fracture with nonunion                              |
| S82.264M | Nondisplaced segmental fracture of shaft of right tibia, subsequent encounter for open fracture type I or ii with nonunion                   |
| S82.264N | Nondisplaced segmental fracture of shaft of right tibia, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion       |
| S82.265K | Nondisplaced segmental fracture of shaft of left tibia, subsequent encounter for closed fracture with nonunion                               |
| S82.265M | Nondisplaced segmental fracture of shaft of left tibia, subsequent encounter for open fracture type I or ii with nonunion                    |
| S82.265N | Nondisplaced segmental fracture of shaft of left tibia, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion        |
| S82.266K | Nondisplaced segmental fracture of shaft of unspecified tibia, subsequent encounter for closed fracture with nonunion                        |
| S82.266M | Nondisplaced segmental fracture of shaft of unspecified tibia, subsequent encounter for open fracture type I or ii with nonunion             |
| S82.266N | Nondisplaced segmental fracture of shaft of unspecified tibia, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion |
| S82.291K | Other fracture of shaft of right tibia, subsequent encounter for closed fracture with nonunion   |
| S82.291M | Other fracture of shaft of right tibia, subsequent encounter for open fracture type I or ii with nonunion                                    |
| S82.291N | Other fracture of shaft of right tibia, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion                        |
| S82.292K | Other fracture of shaft of left tibia, subsequent encounter for closed fracture with nonunion  |
| S82.292M | Other fracture of shaft of left tibia, subsequent encounter for open fracture type I or ii with nonunion                                     |
| S82.292N | Other fracture of shaft of left tibia, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion                         |
| S82.299K | Other fracture of shaft of unspecified tibia, subsequent encounter for closed fracture with nonunion   |
| S82.299M | Other fracture of shaft of unspecified tibia, subsequent encounter for open fracture type I or ii with nonunion                              |
| S82.299N | Other fracture of shaft of unspecified tibia, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion                  |
| S82.301K | Unspecified fracture of lower end of right tibia, subsequent encounter for closed fracture with nonunion                                     |
| S82.301M | Unspecified fracture of lower end of right tibia, subsequent encounter for open fracture type I or ii with nonunion                          |
| S82.301N | Unspecified fracture of lower end of right tibia, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion              |
| S82.302K | Unspecified fracture of lower end of left tibia, subsequent encounter for closed fracture with nonunion                                      |
| S82.302M | Unspecified fracture of lower end of left tibia, subsequent encounter for open fracture type I or ii with nonunion                           |
| S82.302N | Unspecified fracture of lower end of left tibia, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion               |
| S82.309K | Unspecified fracture of lower end of unspecified tibia, subsequent encounter for closed fracture with nonunion                               |
| S82.309M | Unspecified fracture of lower end of unspecified tibia, subsequent encounter for open fracture type I or ii with nonunion                    |
| S82.309N | Unspecified fracture of lower end of unspecified tibia, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion        |
| S82.311K | Torus fracture of lower end of right tibia, subsequent encounter for fracture with nonunion  |
| S82.312K | Torus fracture of lower end of left tibia, subsequent encounter for fracture with nonunion   |
| S82.319K | Torus fracture of lower end of unspecified tibia, subsequent encounter for fracture with nonunion  |

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| S82.391K | Other fracture of lower end of right tibia, subsequent encounter for closed fracture with nonunion  |
| S82.391M | Other fracture of lower end of right tibia, subsequent encounter for open fracture type I or ii with nonunion                               |
| S82.391N | Other fracture of lower end of right tibia, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion                   |
| S82.392K | Other fracture of lower end of left tibia, subsequent encounter for closed fracture with nonunion   |
| S82.392M | Other fracture of lower end of left tibia, subsequent encounter for open fracture type I or ii with nonunion                                |
| S82.392N | Other fracture of lower end of left tibia, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion                    |
| S82.399K | Other fracture of lower end of unspecified tibia, subsequent encounter for closed fracture with nonunion                                    |
| S82.399M | Other fracture of lower end of unspecified tibia, subsequent encounter for open fracture type I or ii with nonunion                         |
| S82.399N | Other fracture of lower end of unspecified tibia, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion             |
| S82.401K | Unspecified fracture of shaft of right fibula, subsequent encounter for closed fracture with nonunion                                       |
| S82.401M | Unspecified fracture of shaft of right fibula, subsequent encounter for open fracture type I or ii with nonunion                            |
| S82.401N | Unspecified fracture of shaft of right fibula, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion                |
| S82.402K | Unspecified fracture of shaft of left fibula, subsequent encounter for closed fracture with nonunion  |
| S82.402M | Unspecified fracture of shaft of left fibula, subsequent encounter for open fracture type I or ii with nonunion                             |
| S82.402N | Unspecified fracture of shaft of left fibula, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion                 |
| S82.409K | Unspecified fracture of shaft of unspecified fibula, subsequent encounter for closed fracture with nonunion                                 |
| S82.409M | Unspecified fracture of shaft of unspecified fibula, subsequent encounter for open fracture type I or ii with nonunion                      |
| S82.409N | Unspecified fracture of shaft of unspecified fibula, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion          |
| S82.421K | Displaced transverse fracture of shaft of right fibula, subsequent encounter for closed fracture with nonunion                              |
| S82.421M | Displaced transverse fracture of shaft of right fibula, subsequent encounter for open fracture type I or ii with nonunion                   |
| S82.421N | Displaced transverse fracture of shaft of right fibula, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion       |
| S82.422K | Displaced transverse fracture of shaft of left fibula, subsequent encounter for closed fracture with nonunion                               |
| S82.422M | Displaced transverse fracture of shaft of left fibula, subsequent encounter for open fracture type I or ii with nonunion                    |
| S82.422N | Displaced transverse fracture of shaft of left fibula, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion        |
| S82.423K | Displaced transverse fracture of shaft of unspecified fibula, subsequent encounter for closed fracture with nonunion                        |
| S82.423M | Displaced transverse fracture of shaft of unspecified fibula, subsequent encounter for open fracture type I or ii with nonunion             |
| S82.423N | Displaced transverse fracture of shaft of unspecified fibula, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion |
| S82.424K | Nondisplaced transverse fracture of shaft of right fibula, subsequent encounter for closed fracture with nonunion                           |
| S82.424M | Nondisplaced transverse fracture of shaft of right fibula, subsequent encounter for open fracture type I or ii with nonunion                |
| S82.424N | Nondisplaced transverse fracture of shaft of right fibula, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion    |
| S82.425K | Nondisplaced transverse fracture of shaft of left fibula, subsequent encounter for closed fracture with nonunion                            |
| S82.425M | Nondisplaced transverse fracture of shaft of left fibula, subsequent encounter for open fracture type I or ii with nonunion                 |
| S82.425N | Nondisplaced transverse fracture of shaft of left fibula, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion     |
| S82.426K | Nondisplaced transverse fracture of shaft of unspecified fibula, subsequent encounter for closed fracture with nonunion                     |
| S82.426M | Nondisplaced transverse fracture of shaft of unspecified fibula, subsequent encounter for open fracture type I or ii with nonunion          |

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| S82.426N | Nondisplaced transverse fracture of shaft of unspecified fibula, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion |
| S82.431K | Displaced oblique fracture of shaft of right fibula, subsequent encounter for closed fracture with nonunion                                    |
| S82.431M | Displaced oblique fracture of shaft of right fibula, subsequent encounter for open fracture type I or ii with nonunion                         |
| S82.431N | Displaced oblique fracture of shaft of right fibula, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion             |
| S82.432K | Displaced oblique fracture of shaft of left fibula, subsequent encounter for closed fracture with nonunion                                     |
| S82.432M | Displaced oblique fracture of shaft of left fibula, subsequent encounter for open fracture type I or ii with nonunion                          |
| S82.432N | Displaced oblique fracture of shaft of left fibula, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion              |
| S82.433K | Displaced oblique fracture of shaft of unspecified fibula, subsequent encounter for closed fracture with nonunion                              |
| S82.433M | Displaced oblique fracture of shaft of unspecified fibula, subsequent encounter for open fracture type I or ii with nonunion                   |
| S82.433N | Displaced oblique fracture of shaft of unspecified fibula, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion       |
| S82.434K | Nondisplaced oblique fracture of shaft of right fibula, subsequent encounter for closed fracture with nonunion                                 |
| S82.434M | Nondisplaced oblique fracture of shaft of right fibula, subsequent encounter for open fracture type I or ii with nonunion                      |
| S82.434N | Nondisplaced oblique fracture of shaft of right fibula, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion          |
| S82.435K | Nondisplaced oblique fracture of shaft of left fibula, subsequent encounter for closed fracture with nonunion                                  |
| S82.435M | Nondisplaced oblique fracture of shaft of left fibula, subsequent encounter for open fracture type I or ii with nonunion                       |
| S82.435N | Nondisplaced oblique fracture of shaft of left fibula, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion           |
| S82.436K | Nondisplaced oblique fracture of shaft of unspecified fibula, subsequent encounter for closed fracture with nonunion                           |
| S82.436M | Nondisplaced oblique fracture of shaft of unspecified fibula, subsequent encounter for open fracture type I or ii with nonunion                |
| S82.436N | Nondisplaced oblique fracture of shaft of unspecified fibula, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion    |
| S82.441K | Displaced spiral fracture of shaft of right fibula, subsequent encounter for closed fracture with nonunion                                     |
| S82.441M | Displaced spiral fracture of shaft of right fibula, subsequent encounter for open fracture type I or ii with nonunion                          |
| S82.441N | Displaced spiral fracture of shaft of right fibula, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion              |
| S82.442K | Displaced spiral fracture of shaft of left fibula, subsequent encounter for closed fracture with nonunion                                      |
| S82.442M | Displaced spiral fracture of shaft of left fibula, subsequent encounter for open fracture type I or ii with nonunion                           |
| S82.442N | Displaced spiral fracture of shaft of left fibula, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion               |
| S82.443K | Displaced spiral fracture of shaft of unspecified fibula, subsequent encounter for closed fracture with nonunion                               |
| S82.443M | Displaced spiral fracture of shaft of unspecified fibula, subsequent encounter for open fracture type I or ii with nonunion                    |
| S82.443N | Displaced spiral fracture of shaft of unspecified fibula, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion        |
| S82.444K | Nondisplaced spiral fracture of shaft of right fibula, subsequent encounter for closed fracture with nonunion                                  |
| S82.444M | Nondisplaced spiral fracture of shaft of right fibula, subsequent encounter for open fracture type I or ii with nonunion                       |
| S82.444N | Nondisplaced spiral fracture of shaft of right fibula, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion           |
| S82.445K | Nondisplaced spiral fracture of shaft of left fibula, subsequent encounter for closed fracture with nonunion                                   |
| S82.445M | Nondisplaced spiral fracture of shaft of left fibula, subsequent encounter for open fracture type I or ii with nonunion                        |
| S82.445N | Nondisplaced spiral fracture of shaft of left fibula, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion            |



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| S82.446K | Nondisplaced spiral fracture of shaft of unspecified fibula, subsequent encounter for closed fracture with nonunion                            |
| S82.446M | Nondisplaced spiral fracture of shaft of unspecified fibula, subsequent encounter for open fracture type I or ii with nonunion                 |
| S82.446N | Nondisplaced spiral fracture of shaft of unspecified fibula, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion     |
| S82.451K | Displaced comminuted fracture of shaft of right fibula, subsequent encounter for closed fracture with nonunion                                 |
| S82.451M | Displaced comminuted fracture of shaft of right fibula, subsequent encounter for open fracture type I or ii with nonunion                      |
| S82.451N | Displaced comminuted fracture of shaft of right fibula, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion          |
| S82.452K | Displaced comminuted fracture of shaft of left fibula, subsequent encounter for closed fracture with nonunion                                  |
| S82.452M | Displaced comminuted fracture of shaft of left fibula, subsequent encounter for open fracture type I or ii with nonunion                       |
| S82.452N | Displaced comminuted fracture of shaft of left fibula, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion           |
| S82.453K | Displaced comminuted fracture of shaft of unspecified fibula, subsequent encounter for closed fracture with nonunion                           |
| S82.453M | Displaced comminuted fracture of shaft of unspecified fibula, subsequent encounter for open fracture type I or ii with nonunion                |
| S82.453N | Displaced comminuted fracture of shaft of unspecified fibula, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion    |
| S82.454K | Nondisplaced comminuted fracture of shaft of right fibula, subsequent encounter for closed fracture with nonunion                              |
| S82.454M | Nondisplaced comminuted fracture of shaft of right fibula, subsequent encounter for open fracture type I or ii with nonunion                   |
| S82.454N | Nondisplaced comminuted fracture of shaft of right fibula, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion       |
| S82.455K | Nondisplaced comminuted fracture of shaft of left fibula, subsequent encounter for closed fracture with nonunion                               |
| S82.455M | Nondisplaced comminuted fracture of shaft of left fibula, subsequent encounter for open fracture type I or ii with nonunion                    |
| S82.455N | Nondisplaced comminuted fracture of shaft of left fibula, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion        |
| S82.456K | Nondisplaced comminuted fracture of shaft of unspecified fibula, subsequent encounter for closed fracture with nonunion                        |
| S82.456M | Nondisplaced comminuted fracture of shaft of unspecified fibula, subsequent encounter for open fracture type I or ii with nonunion             |
| S82.456N | Nondisplaced comminuted fracture of shaft of unspecified fibula, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion |
| S82.461K | Displaced segmental fracture of shaft of right fibula, subsequent encounter for closed fracture with nonunion                                  |
| S82.461M | Displaced segmental fracture of shaft of right fibula, subsequent encounter for open fracture type I or ii with nonunion                       |
| S82.461N | Displaced segmental fracture of shaft of right fibula, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion           |
| S82.462K | Displaced segmental fracture of shaft of left fibula, subsequent encounter for closed fracture with nonunion                                   |
| S82.462M | Displaced segmental fracture of shaft of left fibula, subsequent encounter for open fracture type I or ii with nonunion                        |
| S82.462N | Displaced segmental fracture of shaft of left fibula, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion            |
| S82.463K | Displaced segmental fracture of shaft of unspecified fibula, subsequent encounter for closed fracture with nonunion                            |
| S82.463M | Displaced segmental fracture of shaft of unspecified fibula, subsequent encounter for open fracture type I or ii with nonunion                 |
| S82.463N | Displaced segmental fracture of shaft of unspecified fibula, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion     |
| S82.464K | Nondisplaced segmental fracture of shaft of right fibula, subsequent encounter for closed fracture with nonunion                               |

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| S82.464M | Nondisplaced segmental fracture of shaft of right fibula, subsequent encounter for open fracture type I or ii with nonunion                   |
| S82.464N | Nondisplaced segmental fracture of shaft of right fibula, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion       |
| S82.465K | Nondisplaced segmental fracture of shaft of left fibula, subsequent encounter for closed fracture with nonunion                               |
| S82.465M | Nondisplaced segmental fracture of shaft of left fibula, subsequent encounter for open fracture type I or ii with nonunion                    |
| S82.465N | Nondisplaced segmental fracture of shaft of left fibula, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion        |
| S82.466K | Nondisplaced segmental fracture of shaft of unspecified fibula, subsequent encounter for closed fracture with nonunion                        |
| S82.466M | Nondisplaced segmental fracture of shaft of unspecified fibula, subsequent encounter for open fracture type I or ii with nonunion             |
| S82.466N | Nondisplaced segmental fracture of shaft of unspecified fibula, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion |
| S82.491K | Other fracture of shaft of right fibula, subsequent encounter for closed fracture with nonunion   |
| S82.491M | Other fracture of shaft of right fibula, subsequent encounter for open fracture type I or ii with nonunion                                    |
| S82.491N | Other fracture of shaft of right fibula, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion                        |
| S82.492K | Other fracture of shaft of left fibula, subsequent encounter for closed fracture with nonunion  |
| S82.492M | Other fracture of shaft of left fibula, subsequent encounter for open fracture type I or ii with nonunion                                     |
| S82.492N | Other fracture of shaft of left fibula, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion                         |
| S82.499K | Other fracture of shaft of unspecified fibula, subsequent encounter for closed fracture with nonunion   |
| S82.499M | Other fracture of shaft of unspecified fibula, subsequent encounter for open fracture type I or ii with nonunion                              |
| S82.499N | Other fracture of shaft of unspecified fibula, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion                  |
| S82.51XK | Displaced fracture of medial malleolus of right tibia, subsequent encounter for closed fracture with nonunion                                 |
| S82.51XM | Displaced fracture of medial malleolus of right tibia, subsequent encounter for open fracture type I or ii with nonunion                      |
| S82.51XN | Displaced fracture of medial malleolus of right tibia, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion          |
| S82.52XK | Displaced fracture of medial malleolus of left tibia, subsequent encounter for closed fracture with nonunion                                  |
| S82.52XM | Displaced fracture of medial malleolus of left tibia, subsequent encounter for open fracture type I or ii with nonunion                       |
| S82.52XN | Displaced fracture of medial malleolus of left tibia, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion           |
| S82.53XK | Displaced fracture of medial malleolus of unspecified tibia, subsequent encounter for closed fracture with nonunion                           |
| S82.53XM | Displaced fracture of medial malleolus of unspecified tibia, subsequent encounter for open fracture type I or ii with nonunion                |
| S82.53XN | Displaced fracture of medial malleolus of unspecified tibia, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion    |
| S82.54XK | Nondisplaced fracture of medial malleolus of right tibia, subsequent encounter for closed fracture with nonunion                              |
| S82.54XM | Nondisplaced fracture of medial malleolus of right tibia, subsequent encounter for open fracture type I or ii with nonunion                   |
| S82.54XN | Nondisplaced fracture of medial malleolus of right tibia, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion       |
| S82.55XK | Nondisplaced fracture of medial malleolus of left tibia, subsequent encounter for closed fracture with nonunion                               |
| S82.55XM | Nondisplaced fracture of medial malleolus of left tibia, subsequent encounter for open fracture type I or ii with nonunion                    |
| S82.55XN | Nondisplaced fracture of medial malleolus of left tibia, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion        |
| S82.56XK | Nondisplaced fracture of medial malleolus of unspecified tibia, subsequent encounter for closed fracture with nonunion                        |
| S82.56XM | Nondisplaced fracture of medial malleolus of unspecified tibia, subsequent encounter for open fracture type I or ii with nonunion             |
| S82.56XN | Nondisplaced fracture of medial malleolus of unspecified tibia, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion |

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| S82.61XK | Displaced fracture of lateral malleolus of right fibula, subsequent encounter for closed fracture with nonunion                                 |
| S82.61XM | Displaced fracture of lateral malleolus of right fibula, subsequent encounter for open fracture type I or ii with nonunion                      |
| S82.61XN | Displaced fracture of lateral malleolus of right fibula, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion          |
| S82.62XK | Displaced fracture of lateral malleolus of left fibula, subsequent encounter for closed fracture with nonunion                                  |
| S82.62XM | Displaced fracture of lateral malleolus of left fibula, subsequent encounter for open fracture type I or ii with nonunion                       |
| S82.62XN | Displaced fracture of lateral malleolus of left fibula, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion           |
| S82.63XK | Displaced fracture of lateral malleolus of unspecified fibula, subsequent encounter for closed fracture with nonunion                           |
| S82.63XM | Displaced fracture of lateral malleolus of unspecified fibula, subsequent encounter for open fracture type I or ii with nonunion                |
| S82.63XN | Displaced fracture of lateral malleolus of unspecified fibula, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion    |
| S82.64XK | Nondisplaced fracture of lateral malleolus of right fibula, subsequent encounter for closed fracture with nonunion                              |
| S82.64XM | Nondisplaced fracture of lateral malleolus of right fibula, subsequent encounter for open fracture type I or ii with nonunion                   |
| S82.64XN | Nondisplaced fracture of lateral malleolus of right fibula, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion       |
| S82.65XK | Nondisplaced fracture of lateral malleolus of left fibula, subsequent encounter for closed fracture with nonunion                               |
| S82.65XM | Nondisplaced fracture of lateral malleolus of left fibula, subsequent encounter for open fracture type I or ii with nonunion                    |
| S82.65XN | Nondisplaced fracture of lateral malleolus of left fibula, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion        |
| S82.66XK | Nondisplaced fracture of lateral malleolus of unspecified fibula, subsequent encounter for closed fracture with nonunion                        |
| S82.66XM | Nondisplaced fracture of lateral malleolus of unspecified fibula, subsequent encounter for open fracture type I or ii with nonunion             |
| S82.66XN | Nondisplaced fracture of lateral malleolus of unspecified fibula, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion |
| S82.90XK | Unspecified fracture of unspecified lower leg, subsequent encounter for closed fracture with nonunion   |
| S82.90XM | Unspecified fracture of unspecified lower leg, subsequent encounter for open fracture type I or ii with nonunion                                |
| S82.90XN | Unspecified fracture of unspecified lower leg, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion                    |
| S82.91XK | Unspecified fracture of right lower leg, subsequent encounter for closed fracture with nonunion   |
| S82.91XM | Unspecified fracture of right lower leg, subsequent encounter for open fracture type I or ii with nonunion                                      |
| S82.91XN | Unspecified fracture of right lower leg, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion                          |
| S82.92XK | Unspecified fracture of left lower leg, subsequent encounter for closed fracture with nonunion  |
| S82.92XM | Unspecified fracture of left lower leg, subsequent encounter for open fracture type I or ii with nonunion                                       |
| S82.92XN | Unspecified fracture of left lower leg, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion                           |
| S82.811K | Torus fracture of upper end of right fibula, subsequent encounter for fracture with nonunion  |
| S82.812K | Torus fracture of upper end of left fibula, subsequent encounter for fracture with nonunion   |
| S82.819K | Torus fracture of upper end of unspecified fibula, subsequent encounter for fracture with nonunion  |
| S82.821K | Torus fracture of lower end of right fibula, subsequent encounter for fracture with nonunion  |
| S82.822K | Torus fracture of lower end of left fibula, subsequent encounter for fracture with nonunion   |
| S82.829K | Torus fracture of lower end of unspecified fibula, subsequent encounter for fracture with nonunion  |
| S82.831K | Other fracture of upper and lower end of right fibula, subsequent encounter for closed fracture with nonunion                                   |
| S82.831M | Other fracture of upper and lower end of right fibula, subsequent encounter for open fracture type I or ii with nonunion                        |
| S82.831N | Other fracture of upper and lower end of right fibula, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion            |
| S82.832K | Other fracture of upper and lower end of left fibula, subsequent encounter for closed fracture with nonunion                                    |

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| S82.832M | Other fracture of upper and lower end of left fibula, subsequent encounter for open fracture type I or ii with nonunion                    |
| S82.832N | Other fracture of upper and lower end of left fibula, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion        |
| S82.839K | Other fracture of upper and lower end of unspecified fibula, subsequent encounter for closed fracture with nonunion                        |
| S82.839M | Other fracture of upper and lower end of unspecified fibula, subsequent encounter for open fracture type I or ii with nonunion             |
| S82.839N | Other fracture of upper and lower end of unspecified fibula, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion |
| S82.841K | Displaced bimalleolar fracture of right lower leg, subsequent encounter for closed fracture with nonunion                                  |
| S82.841M | Displaced bimalleolar fracture of right lower leg, subsequent encounter for open fracture type I or ii with nonunion                       |
| S82.841N | Displaced bimalleolar fracture of right lower leg, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion           |
| S82.842K | Displaced bimalleolar fracture of left lower leg, subsequent encounter for closed fracture with nonunion                                   |
| S82.842M | Displaced bimalleolar fracture of left lower leg, subsequent encounter for open fracture type I or ii with nonunion                        |
| S82.842N | Displaced bimalleolar fracture of left lower leg, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion            |
| S82.843K | Displaced bimalleolar fracture of unspecified lower leg, subsequent encounter for closed fracture with nonunion                            |
| S82.843M | Displaced bimalleolar fracture of unspecified lower leg, subsequent encounter for open fracture type I or ii with nonunion                 |
| S82.843N | Displaced bimalleolar fracture of unspecified lower leg, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion     |
| S82.844K | Nondisplaced bimalleolar fracture of right lower leg, subsequent encounter for closed fracture with nonunion                               |
| S82.844M | Nondisplaced bimalleolar fracture of right lower leg, subsequent encounter for open fracture type I or ii with nonunion                    |
| S82.844N | Nondisplaced bimalleolar fracture of right lower leg, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion        |
| S82.845K | Nondisplaced bimalleolar fracture of left lower leg, subsequent encounter for closed fracture with nonunion                                |
| S82.845M | Nondisplaced bimalleolar fracture of left lower leg, subsequent encounter for open fracture type I or ii with nonunion                     |
| S82.845N | Nondisplaced bimalleolar fracture of left lower leg, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion         |
| S82.846K | Nondisplaced bimalleolar fracture of unspecified lower leg, subsequent encounter for closed fracture with nonunion                         |
| S82.846M | Nondisplaced bimalleolar fracture of unspecified lower leg, subsequent encounter for open fracture type I or ii with nonunion              |
| S82.846N | Nondisplaced bimalleolar fracture of unspecified lower leg, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion  |
| S82.851K | Displaced trimalleolar fracture of right lower leg, subsequent encounter for closed fracture with nonunion                                 |
| S82.851M | Displaced trimalleolar fracture of right lower leg, subsequent encounter for open fracture type I or ii with nonunion                      |
| S82.851N | Displaced trimalleolar fracture of right lower leg, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion          |
| S82.852K | Displaced trimalleolar fracture of left lower leg, subsequent encounter for closed fracture with nonunion                                  |
| S82.852M | Displaced trimalleolar fracture of left lower leg, subsequent encounter for open fracture type I or ii with nonunion                       |
| S82.852N | Displaced trimalleolar fracture of left lower leg, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion           |
| S82.853K | Displaced trimalleolar fracture of unspecified lower leg, subsequent encounter for closed fracture with nonunion                           |
| S82.853M | Displaced trimalleolar fracture of unspecified lower leg, subsequent encounter for open fracture type I or ii with nonunion                |
| S82.853N | Displaced trimalleolar fracture of unspecified lower leg, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion    |
| S82.854K | Nondisplaced trimalleolar fracture of right lower leg, subsequent encounter for closed fracture with nonunion                              |
| S82.854M | Nondisplaced trimalleolar fracture of right lower leg, subsequent encounter for open fracture type I or ii with nonunion                   |

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| S82.854N | Nondisplaced trimalleolar fracture of right lower leg, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion       |
| S82.855K | Nondisplaced trimalleolar fracture of left lower leg, subsequent encounter for closed fracture with nonunion                               |
| S82.855M | Nondisplaced trimalleolar fracture of left lower leg, subsequent encounter for open fracture type I or ii with nonunion                    |
| S82.855N | Nondisplaced trimalleolar fracture of left lower leg, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion        |
| S82.856K | Nondisplaced trimalleolar fracture of unspecified lower leg, subsequent encounter for closed fracture with nonunion                        |
| S82.856M | Nondisplaced trimalleolar fracture of unspecified lower leg, subsequent encounter for open fracture type I or ii with nonunion             |
| S82.856N | Nondisplaced trimalleolar fracture of unspecified lower leg, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion |
| S82.861K | Displaced Maisonneuve's fracture of right leg, subsequent encounter for closed fracture with nonunion                                      |
| S82.861M | Displaced Maisonneuve's fracture of right leg, subsequent encounter for open fracture type I or ii with nonunion                           |
| S82.861N | Displaced Maisonneuve's fracture of right leg, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion               |
| S82.862K | Displaced Maisonneuve's fracture of left leg, subsequent encounter for closed fracture with nonunion                                       |
| S82.862M | Displaced Maisonneuve's fracture of left leg, subsequent encounter for open fracture type I or ii with nonunion                            |
| S82.862N | Displaced Maisonneuve's fracture of left leg, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion                |
| S82.863K | Displaced Maisonneuve's fracture of unspecified leg, subsequent encounter for closed fracture with nonunion                                |
| S82.863M | Displaced Maisonneuve's fracture of unspecified leg, subsequent encounter for open fracture type I or ii with nonunion                     |
| S82.863N | Displaced Maisonneuve's fracture of unspecified leg, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion         |
| S82.864K | Nondisplaced Maisonneuve's fracture of right leg, subsequent encounter for closed fracture with nonunion                                   |
| S82.864M | Nondisplaced Maisonneuve's fracture of right leg, subsequent encounter for open fracture type I or ii with nonunion                        |
| S82.864N | Nondisplaced Maisonneuve's fracture of right leg, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion            |
| S82.865K | Nondisplaced Maisonneuve's fracture of left leg, subsequent encounter for closed fracture with nonunion                                    |
| S82.865M | Nondisplaced Maisonneuve's fracture of left leg, subsequent encounter for open fracture type I or ii with nonunion                         |
| S82.865N | Nondisplaced Maisonneuve's fracture of left leg, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion             |
| S82.866K | Nondisplaced Maisonneuve's fracture of unspecified leg, subsequent encounter for closed fracture with nonunion                             |
| S82.866M | Nondisplaced Maisonneuve's fracture of unspecified leg, subsequent encounter for open fracture type I or ii with nonunion                  |
| S82.866N | Nondisplaced Maisonneuve's fracture of unspecified leg, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion      |
| S82.871K | Displaced Pilon fracture of right tibia, subsequent encounter for closed fracture with nonunion  |
| S82.871M | Displaced Pilon fracture of right tibia, subsequent encounter for open fracture type I or ii with nonunion                                 |
| S82.871N | Displaced Pilon fracture of right tibia, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion                     |
| S82.872K | Displaced Pilon fracture of left tibia, subsequent encounter for closed fracture with nonunion   |
| S82.872M | Displaced Pilon fracture of left tibia, subsequent encounter for open fracture type I or ii with nonunion                                  |
| S82.872N | Displaced Pilon fracture of left tibia, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion                      |
| S82.873K | Displaced Pilon fracture of unspecified tibia, subsequent encounter for closed fracture with nonunion                                      |
| S82.873M | Displaced Pilon fracture of unspecified tibia, subsequent encounter for open fracture type I or ii with nonunion                           |
| S82.873N | Displaced Pilon fracture of unspecified tibia, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion               |
| S82.874K | Nondisplaced Pilon fracture of right tibia, subsequent encounter for closed fracture with nonunion   |
| S82.874M | Nondisplaced Pilon fracture of right tibia, subsequent encounter for open fracture type I or ii with nonunion                              |
| S82.874N | Nondisplaced Pilon fracture of right tibia, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion                  |
| S82.875K | Nondisplaced Pilon fracture of left tibia, subsequent encounter for closed fracture with nonunion  |

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| S82.875M | Nondisplaced Pilon fracture of left tibia, subsequent encounter for open fracture type I or ii with nonunion                    |
| S82.875N | Nondisplaced Pilon fracture of left tibia, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion        |
| S82.876K | Nondisplaced Pilon fracture of unspecified tibia, subsequent encounter for closed fracture with nonunion                        |
| S82.876M | Nondisplaced Pilon fracture of unspecified tibia, subsequent encounter for open fracture type I or ii with nonunion             |
| S82.876N | Nondisplaced Pilon fracture of unspecified tibia, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion |
| S82.891K | Other fracture of right lower leg, subsequent encounter for closed fracture with nonunion                                       |
| S82.891M | Other fracture of right lower leg, subsequent encounter for open fracture type I or ii with nonunion                            |
| S82.891N | Other fracture of right lower leg, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion                |
| S82.892K | Other fracture of left lower leg, subsequent encounter for closed fracture with nonunion  |
| S82.892M | Other fracture of left lower leg, subsequent encounter for open fracture type I or ii with nonunion                             |
| S82.892N | Other fracture of left lower leg, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion                 |
| S82.899K | Other fracture of unspecified lower leg, subsequent encounter for closed fracture with nonunion                                 |
| S82.899M | Other fracture of unspecified lower leg, subsequent encounter for open fracture type I or ii with nonunion                      |
| S82.899N | Other fracture of unspecified lower leg, subsequent encounter for open fracture type IIIa, IIIb, or iiic with nonunion          |
| S89.001K | Unspecified physeal fracture of upper end of right tibia, subsequent encounter for fracture with nonunion                       |
| S89.002K | Unspecified physeal fracture of upper end of left tibia, subsequent encounter for fracture with nonunion                        |
| S89.009K | Unspecified physeal fracture of upper end of unspecified tibia, subsequent encounter for fracture with nonunion                 |
| S89.011K | Salter-Harris type I physeal fracture of upper end of right tibia, subsequent encounter for fracture with nonunion              |
| S89.012K | Salter-Harris type I physeal fracture of upper end of left tibia, subsequent encounter for fracture with nonunion               |
| S89.019K | Salter-Harris type I physeal fracture of upper end of unspecified tibia, subsequent encounter for fracture with nonunion        |
| S89.021K | Salter-Harris type ii physeal fracture of upper end of right tibia, subsequent encounter for fracture with nonunion             |
| S89.022K | Salter-Harris type ii physeal fracture of upper end of left tibia, subsequent encounter for fracture with nonunion              |
| S89.029K | Salter-Harris type ii physeal fracture of upper end of unspecified tibia, subsequent encounter for fracture with nonunion       |
| S89.031K | Salter-Harris type iii physeal fracture of upper end of right tibia, subsequent encounter for fracture with nonunion            |
| S89.032K | Salter-Harris type iii physeal fracture of upper end of left tibia, subsequent encounter for fracture with nonunion             |
| S89.039K | Salter-Harris type iii physeal fracture of upper end of unspecified tibia, subsequent encounter for fracture with nonunion      |
| S89.041K | Salter-Harris type iv physeal fracture of upper end of right tibia, subsequent encounter for fracture with nonunion             |
| S89.042K | Salter-Harris type iv physeal fracture of upper end of left tibia, subsequent encounter for fracture with nonunion              |
| S89.049K | Salter-Harris type iv physeal fracture of upper end of unspecified tibia, subsequent encounter for fracture with nonunion       |
| S89.091K | Other physeal fracture of upper end of right tibia, subsequent encounter for fracture with nonunion                             |
| S89.092K | Other physeal fracture of upper end of left tibia, subsequent encounter for fracture with nonunion                              |
| S89.099K | Other physeal fracture of upper end of unspecified tibia, subsequent encounter for fracture with nonunion                       |
| S89.101K | Unspecified physeal fracture of lower end of right tibia, subsequent encounter for fracture with nonunion                       |
| S89.102K | Unspecified physeal fracture of lower end of left tibia, subsequent encounter for fracture with nonunion                        |
| S89.109K | Unspecified physeal fracture of lower end of unspecified tibia, subsequent encounter for fracture with nonunion                 |
| S89.111K | Salter-Harris type I physeal fracture of lower end of right tibia, subsequent encounter for fracture with nonunion              |
| S89.112K | Salter-Harris type I physeal fracture of lower end of left tibia, subsequent encounter for fracture with nonunion               |
| S89.119K | Salter-Harris type I physeal fracture of lower end of unspecified tibia, subsequent encounter for fracture with nonunion        |
| S89.121K | Salter-Harris type ii physeal fracture of lower end of right tibia, subsequent encounter for fracture with nonunion             |
| S89.122K | Salter-Harris type ii physeal fracture of lower end of left tibia, subsequent encounter for fracture with nonunion              |
| S89.129K | Salter-Harris type ii physeal fracture of lower end of unspecified tibia, subsequent encounter for fracture with nonunion       |
| S89.131K | Salter-Harris type iii physeal fracture of lower end of right tibia, subsequent encounter for fracture with nonunion            |
| S89.132K | Salter-Harris type iii physeal fracture of lower end of left tibia, subsequent encounter for fracture with nonunion             |
| S89.139K | Salter-Harris type iii physeal fracture of lower end of unspecified tibia, subsequent encounter for fracture with nonunion      |

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| S89.141K | Salter-Harris type iv physeal fracture of lower end of right tibia, subsequent encounter for fracture with nonunion        |
| S89.142K | Salter-Harris type iv physeal fracture of lower end of left tibia, subsequent encounter for fracture with nonunion         |
| S89.149K | Salter-Harris type iv physeal fracture of lower end of unspecified tibia, subsequent encounter for fracture with nonunion  |
| S89.191K | Other physeal fracture of lower end of right tibia, subsequent encounter for fracture with nonunion                        |
| S89.192K | Other physeal fracture of lower end of left tibia, subsequent encounter for fracture with nonunion                         |
| S89.199K | Other physeal fracture of lower end of unspecified tibia, subsequent encounter for fracture with nonunion                  |
| S89.201K | Unspecified physeal fracture of upper end of right fibula, subsequent encounter for fracture with nonunion                 |
| S89.202K | Unspecified physeal fracture of upper end of left fibula, subsequent encounter for fracture with nonunion                  |
| S89.209K | Unspecified physeal fracture of upper end of unspecified fibula, subsequent encounter for fracture with nonunion           |
| S89.211K | Salter-Harris type I physeal fracture of upper end of right fibula, subsequent encounter for fracture with nonunion        |
| S89.212K | Salter-Harris type I physeal fracture of upper end of left fibula, subsequent encounter for fracture with nonunion         |
| S89.219K | Salter-Harris type I physeal fracture of upper end of unspecified fibula, subsequent encounter for fracture with nonunion  |
| S89.221K | Salter-Harris type ii physeal fracture of upper end of right fibula, subsequent encounter for fracture with nonunion       |
| S89.222K | Salter-Harris type ii physeal fracture of upper end of left fibula, subsequent encounter for fracture with nonunion        |
| S89.229K | Salter-Harris type ii physeal fracture of upper end of unspecified fibula, subsequent encounter for fracture with nonunion |
| S89.291K | Other physeal fracture of upper end of right fibula, subsequent encounter for fracture with nonunion                       |
| S89.292K | Other physeal fracture of upper end of left fibula, subsequent encounter for fracture with nonunion                        |
| S89.299K | Other physeal fracture of upper end of unspecified fibula, subsequent encounter for fracture with nonunion                 |
| S89.301K | Unspecified physeal fracture of lower end of right fibula, subsequent encounter for fracture with nonunion                 |
| S89.302K | Unspecified physeal fracture of lower end of left fibula, subsequent encounter for fracture with nonunion                  |
| S89.309K | Unspecified physeal fracture of lower end of unspecified fibula, subsequent encounter for fracture with nonunion           |
| S89.311K | Salter-Harris type I physeal fracture of lower end of right fibula, subsequent encounter for fracture with nonunion        |
| S89.312K | Salter-Harris type I physeal fracture of lower end of left fibula, subsequent encounter for fracture with nonunion         |
| S89.319K | Salter-Harris type I physeal fracture of lower end of unspecified fibula, subsequent encounter for fracture with nonunion  |
| S89.321K | Salter-Harris type ii physeal fracture of lower end of right fibula, subsequent encounter for fracture with nonunion       |
| S89.322K | Salter-Harris type ii physeal fracture of lower end of left fibula, subsequent encounter for fracture with nonunion        |
| S89.329K | Salter-Harris type ii physeal fracture of lower end of unspecified fibula, subsequent encounter for fracture with nonunion |
| S89.391K | Other physeal fracture of lower end of right fibula, subsequent encounter for fracture with nonunion                       |
| S89.392K | Other physeal fracture of lower end of left fibula, subsequent encounter for fracture with nonunion                        |
| S89.399K | Other physeal fracture of lower end of unspecified fibula, subsequent encounter for fracture with nonunion                 |
| S92.301K | Fracture of unspecified metatarsal bone(s), right foot, subsequent encounter for fracture with nonunion                    |
| S92.302K | Fracture of unspecified metatarsal bone(s), left foot, subsequent encounter for fracture with nonunion                     |
| S92.309K | Fracture of unspecified metatarsal bone(s), unspecified foot, subsequent encounter for fracture with nonunion              |
| S92.311K | Displaced fracture of first metatarsal bone, right foot, subsequent encounter for fracture with nonunion                   |
| S92.312K | Displaced fracture of first metatarsal bone, left foot, subsequent encounter for fracture with nonunion                    |
| S92.313K | Displaced fracture of first metatarsal bone, unspecified foot, subsequent encounter for fracture with nonunion             |
| S92.314K | Nondisplaced fracture of first metatarsal bone, right foot, subsequent encounter for fracture with nonunion                |
| S92.315K | Nondisplaced fracture of first metatarsal bone, left foot, subsequent encounter for fracture with nonunion                 |
| S92.316K | Nondisplaced fracture of first metatarsal bone, unspecified foot, subsequent encounter for fracture with nonunion          |
| S92.321K | Displaced fracture of second metatarsal bone, right foot, subsequent encounter for fracture with nonunion                  |
| S92.322K | Displaced fracture of second metatarsal bone, left foot, subsequent encounter for fracture with nonunion                   |
| S92.323K | Displaced fracture of second metatarsal bone, unspecified foot, subsequent encounter for fracture with nonunion            |
| S92.324K | Nondisplaced fracture of second metatarsal bone, right foot, subsequent encounter for fracture with nonunion               |
| S92.325K | Nondisplaced fracture of second metatarsal bone, left foot, subsequent encounter for fracture with nonunion                |





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| S92.516K | Nondisplaced fracture of proximal phalanx of unspecified lesser toe(s), subsequent encounter for fracture with nonunion |
| S92.521K | Displaced fracture of middle phalanx of right lesser toe(s), subsequent encounter for fracture with nonunion            |
| S92.522K | Displaced fracture of middle phalanx of left lesser toe(s), subsequent encounter for fracture with nonunion             |
| S92.523K | Displaced fracture of middle phalanx of unspecified lesser toe(s), subsequent encounter for fracture with nonunion      |
| S92.524K | Nondisplaced fracture of middle phalanx of right lesser toe(s), subsequent encounter for fracture with nonunion         |
| S92.525K | Nondisplaced fracture of middle phalanx of left lesser toe(s), subsequent encounter for fracture with nonunion          |
| S92.526K | Nondisplaced fracture of middle phalanx of unspecified lesser toe(s), subsequent encounter for fracture with nonunion   |
| S92.531K | Displaced fracture of distal phalanx of right lesser toe(s), subsequent encounter for fracture with nonunion            |
| S92.532K | Displaced fracture of distal phalanx of left lesser toe(s), subsequent encounter for fracture with nonunion             |
| S92.533K | Displaced fracture of distal phalanx of unspecified lesser toe(s), subsequent encounter for fracture with nonunion      |
| S92.534K | Nondisplaced fracture of distal phalanx of right lesser toe(s), subsequent encounter for fracture with nonunion         |
| S92.535K | Nondisplaced fracture of distal phalanx of left lesser toe(s), subsequent encounter for fracture with nonunion          |
| S92.536K | Nondisplaced fracture of distal phalanx of unspecified lesser toe(s), subsequent encounter for fracture with nonunion   |
| S92.591K | Other fracture of right lesser toe(s), subsequent encounter for fracture with nonunion                                  |
| S92.592K | Other fracture of left lesser toe(s), subsequent encounter for fracture with nonunion                                   |
| S92.599K | Other fracture of unspecified lesser toe(s), subsequent encounter for fracture with nonunion                            |
| S92.901K | Unspecified fracture of right foot, subsequent encounter for fracture with nonunion                                     |
| S92.902K | Unspecified fracture of left foot, subsequent encounter for fracture with nonunion                                      |
| S92.909K | Unspecified fracture of unspecified foot, subsequent encounter for fracture with nonunion                               |
| S92.911K | Unspecified fracture of right toe(s), subsequent encounter for fracture with nonunion                                   |
| S92.912K | Unspecified fracture of left toe(s), subsequent encounter for fracture with nonunion                                    |
| S92.919K | Unspecified fracture of unspecified toe(s), subsequent encounter for fracture with nonunion                             |

### Spinal (Invasive/Noninvasive) EBGs

| ICD-10 Code | Description                                |
|-------------|--|
| M43.15      | Spondylolisthesis, thoracolumbar region    |
| M43.16      | Spondylolisthesis, lumbar region           |
| M43.17      | Spondylolisthesis, lumbosacral region      |
| M43.26      | Fusion of the spine, lumbar region         |
| M43.27      | Fusion of the spine, lumbosacral region    |
| M96.0       | Pseudarthrosis after fusion or arthrodesis |
| Q76.2       | Congenital spondylolisthesis               |

### Ultrasound BGS

| ICD-10 Code | Description   |
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| M84.311K    | STRESS FRACTURE, RIGHT SHOULDER, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION              |
| M84.312K    | STRESS FRACTURE, LEFT SHOULDER, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION               |
| M84.319K    | STRESS FRACTURE, UNSPECIFIED SHOULDER, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION        |
| M84.321K    | STRESS FRACTURE, RIGHT HUMERUS, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION               |
| M84.322K    | STRESS FRACTURE, LEFT HUMERUS, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                |
| M84.329K    | STRESS FRACTURE, UNSPECIFIED HUMERUS, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION         |
| M84.331K    | STRESS FRACTURE, RIGHT ULNA, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                  |
| M84.332K    | STRESS FRACTURE, LEFT ULNA, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                   |
| M84.333K    | STRESS FRACTURE, RIGHT RADIUS, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                |
| M84.334K    | STRESS FRACTURE, LEFT RADIUS, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                 |
| M84.339K    | STRESS FRACTURE, UNSPECIFIED ULNA AND RADIUS, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION |
| M84.341K    | STRESS FRACTURE, RIGHT HAND, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                  |

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| M84.342K | STRESS FRACTURE, LEFT HAND, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                         |
| M84.343K | STRESS FRACTURE, UNSPECIFIED HAND, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                  |
| M84.344K | STRESS FRACTURE, RIGHT FINGER(S), SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                   |
| M84.345K | STRESS FRACTURE, LEFT FINGER(S), SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                    |
| M84.346K | STRESS FRACTURE, UNSPECIFIED FINGER(S), SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION             |
| M84.350K | STRESS FRACTURE, PELVIS, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                            |
| M84.351K | STRESS FRACTURE, RIGHT FEMUR, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                       |
| M84.352K | STRESS FRACTURE, LEFT FEMUR, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                        |
| M84.353K | STRESS FRACTURE, UNSPECIFIED FEMUR, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                 |
| M84.359K | STRESS FRACTURE, HIP, UNSPECIFIED, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                  |
| M84.361K | STRESS FRACTURE, RIGHT TIBIA, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                       |
| M84.362K | STRESS FRACTURE, LEFT TIBIA, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                        |
| M84.363K | STRESS FRACTURE, RIGHT FIBULA, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                      |
| M84.364K | STRESS FRACTURE, LEFT FIBULA, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                       |
| M84.369K | STRESS FRACTURE, UNSPECIFIED TIBIA AND FIBULA, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION      |
| M84.371K | STRESS FRACTURE, RIGHT ANKLE, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                       |
| M84.372K | STRESS FRACTURE, LEFT ANKLE, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                        |
| M84.373K | STRESS FRACTURE, UNSPECIFIED ANKLE, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                 |
| M84.374K | STRESS FRACTURE, RIGHT FOOT, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                        |
| M84.375K | STRESS FRACTURE, LEFT FOOT, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                         |
| M84.376K | STRESS FRACTURE, UNSPECIFIED FOOT, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                  |
| M84.377K | STRESS FRACTURE, RIGHT TOE(S), SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                      |
| M84.378K | STRESS FRACTURE, LEFT TOE(S), SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                       |
| M84.379K | STRESS FRACTURE, UNSPECIFIED TOE(S), SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                |
| M84.411K | PATHOLOGICAL FRACTURE, RIGHT SHOULDER, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION              |
| M84.412K | PATHOLOGICAL FRACTURE, LEFT SHOULDER, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION               |
| M84.419K | PATHOLOGICAL FRACTURE, UNSPECIFIED SHOULDER, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION        |
| M84.421K | PATHOLOGICAL FRACTURE, RIGHT HUMERUS, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION               |
| M84.422K | PATHOLOGICAL FRACTURE, LEFT HUMERUS, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                |
| M84.429K | PATHOLOGICAL FRACTURE, UNSPECIFIED HUMERUS, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION         |
| M84.431K | PATHOLOGICAL FRACTURE, RIGHT ULNA, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                  |
| M84.432K | PATHOLOGICAL FRACTURE, LEFT ULNA, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                   |
| M84.433K | PATHOLOGICAL FRACTURE, RIGHT RADIUS, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                |
| M84.434K | PATHOLOGICAL FRACTURE, LEFT RADIUS, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                 |
| M84.439K | PATHOLOGICAL FRACTURE, UNSPECIFIED ULNA AND RADIUS, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION |
| M84.441K | PATHOLOGICAL FRACTURE, RIGHT HAND, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                  |
| M84.442K | PATHOLOGICAL FRACTURE, LEFT HAND, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                   |
| M84.443K | PATHOLOGICAL FRACTURE, UNSPECIFIED HAND, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION            |
| M84.444K | PATHOLOGICAL FRACTURE, RIGHT FINGER(S), SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION             |
| M84.445K | PATHOLOGICAL FRACTURE, LEFT FINGER(S), SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION              |
| M84.446K | PATHOLOGICAL FRACTURE, UNSPECIFIED FINGER(S), SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION       |
| M84.451K | PATHOLOGICAL FRACTURE, RIGHT FEMUR, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                 |
| M84.452K | PATHOLOGICAL FRACTURE, LEFT FEMUR, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                  |
| M84.453K | PATHOLOGICAL FRACTURE, UNSPECIFIED FEMUR, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION           |
| M84.454K | PATHOLOGICAL FRACTURE, PELVIS, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                      |
| M84.459K | PATHOLOGICAL FRACTURE, HIP, UNSPECIFIED, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION            |

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| M84.461K | PATHOLOGICAL FRACTURE, RIGHT TIBIA, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                                       |
| M84.462K | PATHOLOGICAL FRACTURE, LEFT TIBIA, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION  |
| M84.463K | PATHOLOGICAL FRACTURE, RIGHT FIBULA, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                                      |
| M84.464K | PATHOLOGICAL FRACTURE, LEFT FIBULA, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                                       |
| M84.469K | PATHOLOGICAL FRACTURE, UNSPECIFIED TIBIA AND FIBULA, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                      |
| M84.471K | PATHOLOGICAL FRACTURE, RIGHT ANKLE, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                                       |
| M84.472K | PATHOLOGICAL FRACTURE, LEFT ANKLE, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION  |
| M84.473K | PATHOLOGICAL FRACTURE, UNSPECIFIED ANKLE, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                                 |
| M84.474K | PATHOLOGICAL FRACTURE, RIGHT FOOT, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION  |
| M84.475K | PATHOLOGICAL FRACTURE, LEFT FOOT, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION   |
| M84.476K | PATHOLOGICAL FRACTURE, UNSPECIFIED FOOT, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                                  |
| M84.477K | PATHOLOGICAL FRACTURE, RIGHT TOE(S), SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                                      |
| M84.478K | PATHOLOGICAL FRACTURE, LEFT TOE(S), SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                                       |
| M84.479K | PATHOLOGICAL FRACTURE, UNSPECIFIED TOE(S), SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                                |
| M84.511K | PATHOLOGICAL FRACTURE IN NEOPLASTIC DISEASE, RIGHT SHOULDER, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION              |
| M84.512K | PATHOLOGICAL FRACTURE IN NEOPLASTIC DISEASE, LEFT SHOULDER, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION               |
| M84.519K | PATHOLOGICAL FRACTURE IN NEOPLASTIC DISEASE, UNSPECIFIED SHOULDER, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION        |
| M84.521K | PATHOLOGICAL FRACTURE IN NEOPLASTIC DISEASE, RIGHT HUMERUS, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION               |
| M84.522K | PATHOLOGICAL FRACTURE IN NEOPLASTIC DISEASE, LEFT HUMERUS, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                |
| M84.529K | PATHOLOGICAL FRACTURE IN NEOPLASTIC DISEASE, UNSPECIFIED HUMERUS, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION         |
| M84.531K | PATHOLOGICAL FRACTURE IN NEOPLASTIC DISEASE, RIGHT ULNA, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                  |
| M84.532K | PATHOLOGICAL FRACTURE IN NEOPLASTIC DISEASE, LEFT ULNA, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                   |
| M84.533K | PATHOLOGICAL FRACTURE IN NEOPLASTIC DISEASE, RIGHT RADIUS, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                |
| M84.534K | PATHOLOGICAL FRACTURE IN NEOPLASTIC DISEASE, LEFT RADIUS, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                 |
| M84.539K | PATHOLOGICAL FRACTURE IN NEOPLASTIC DISEASE, UNSPECIFIED ULNA AND RADIUS, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION |
| M84.541K | PATHOLOGICAL FRACTURE IN NEOPLASTIC DISEASE, RIGHT HAND, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                  |
| M84.542K | PATHOLOGICAL FRACTURE IN NEOPLASTIC DISEASE, LEFT HAND, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                   |
| M84.549K | PATHOLOGICAL FRACTURE IN NEOPLASTIC DISEASE, UNSPECIFIED HAND, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION            |
| M84.550K | PATHOLOGICAL FRACTURE IN NEOPLASTIC DISEASE, PELVIS, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                      |
| M84.551K | PATHOLOGICAL FRACTURE IN NEOPLASTIC DISEASE, RIGHT FEMUR, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                 |
| M84.552K | PATHOLOGICAL FRACTURE IN NEOPLASTIC DISEASE, LEFT FEMUR, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                  |
| M84.553K | PATHOLOGICAL FRACTURE IN NEOPLASTIC DISEASE, UNSPECIFIED FEMUR, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION           |
| M84.559K | PATHOLOGICAL FRACTURE IN NEOPLASTIC DISEASE, HIP, UNSPECIFIED, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION            |
| M84.561K | PATHOLOGICAL FRACTURE IN NEOPLASTIC DISEASE, RIGHT TIBIA, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                 |

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| M84.562K | PATHOLOGICAL FRACTURE IN NEOPLASTIC DISEASE, LEFT TIBIA, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                   |
| M84.563K | PATHOLOGICAL FRACTURE IN NEOPLASTIC DISEASE, RIGHT FIBULA, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                 |
| M84.564K | PATHOLOGICAL FRACTURE IN NEOPLASTIC DISEASE, LEFT FIBULA, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                  |
| M84.569K | PATHOLOGICAL FRACTURE IN NEOPLASTIC DISEASE, UNSPECIFIED TIBIA AND FIBULA, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION |
| M84.571K | PATHOLOGICAL FRACTURE IN NEOPLASTIC DISEASE, RIGHT ANKLE, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                  |
| M84.572K | PATHOLOGICAL FRACTURE IN NEOPLASTIC DISEASE, LEFT ANKLE, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                   |
| M84.573K | PATHOLOGICAL FRACTURE IN NEOPLASTIC DISEASE, UNSPECIFIED ANKLE, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION            |
| M84.574K | PATHOLOGICAL FRACTURE IN NEOPLASTIC DISEASE, RIGHT FOOT, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                   |
| M84.575K | PATHOLOGICAL FRACTURE IN NEOPLASTIC DISEASE, LEFT FOOT, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                    |
| M84.576K | PATHOLOGICAL FRACTURE IN NEOPLASTIC DISEASE, UNSPECIFIED FOOT, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION             |
| M84.611K | PATHOLOGICAL FRACTURE IN OTHER DISEASE, RIGHT SHOULDER, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                    |
| M84.612K | PATHOLOGICAL FRACTURE IN OTHER DISEASE, LEFT SHOULDER, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                     |
| M84.619K | PATHOLOGICAL FRACTURE IN OTHER DISEASE, UNSPECIFIED SHOULDER, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION              |
| M84.621K | PATHOLOGICAL FRACTURE IN OTHER DISEASE, RIGHT HUMERUS, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                     |
| M84.622K | PATHOLOGICAL FRACTURE IN OTHER DISEASE, LEFT HUMERUS, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                      |
| M84.629K | PATHOLOGICAL FRACTURE IN OTHER DISEASE, UNSPECIFIED HUMERUS, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION               |
| M84.631K | PATHOLOGICAL FRACTURE IN OTHER DISEASE, RIGHT ULNA, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                        |
| M84.632K | PATHOLOGICAL FRACTURE IN OTHER DISEASE, LEFT ULNA, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                         |
| M84.633K | PATHOLOGICAL FRACTURE IN OTHER DISEASE, RIGHT RADIUS, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                      |
| M84.634K | PATHOLOGICAL FRACTURE IN OTHER DISEASE, LEFT RADIUS, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                       |
| M84.639K | PATHOLOGICAL FRACTURE IN OTHER DISEASE, UNSPECIFIED ULNA AND RADIUS, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION       |
| M84.641K | PATHOLOGICAL FRACTURE IN OTHER DISEASE, RIGHT HAND, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                        |
| M84.642K | PATHOLOGICAL FRACTURE IN OTHER DISEASE, LEFT HAND, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                         |
| M84.649K | PATHOLOGICAL FRACTURE IN OTHER DISEASE, UNSPECIFIED HAND, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                  |
| M84.650K | PATHOLOGICAL FRACTURE IN OTHER DISEASE, PELVIS, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                            |
| M84.651K | PATHOLOGICAL FRACTURE IN OTHER DISEASE, RIGHT FEMUR, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                       |
| M84.652K | PATHOLOGICAL FRACTURE IN OTHER DISEASE, LEFT FEMUR, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                        |
| M84.653K | PATHOLOGICAL FRACTURE IN OTHER DISEASE, UNSPECIFIED FEMUR, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                 |
| M84.659K | PATHOLOGICAL FRACTURE IN OTHER DISEASE, HIP, UNSPECIFIED, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                  |

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| M84.661K | PATHOLOGICAL FRACTURE IN OTHER DISEASE, RIGHT TIBIA, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                   |
| M84.662K | PATHOLOGICAL FRACTURE IN OTHER DISEASE, LEFT TIBIA, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                    |
| M84.663K | PATHOLOGICAL FRACTURE IN OTHER DISEASE, RIGHT FIBULA, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                  |
| M84.664K | PATHOLOGICAL FRACTURE IN OTHER DISEASE, LEFT FIBULA, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                   |
| M84.669K | PATHOLOGICAL FRACTURE IN OTHER DISEASE, UNSPECIFIED TIBIA AND FIBULA, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION  |
| M84.671K | PATHOLOGICAL FRACTURE IN OTHER DISEASE, RIGHT ANKLE, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                   |
| M84.672K | PATHOLOGICAL FRACTURE IN OTHER DISEASE, LEFT ANKLE, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                    |
| M84.673K | PATHOLOGICAL FRACTURE IN OTHER DISEASE, UNSPECIFIED ANKLE, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION             |
| M84.674K | PATHOLOGICAL FRACTURE IN OTHER DISEASE, RIGHT FOOT, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                    |
| M84.675K | PATHOLOGICAL FRACTURE IN OTHER DISEASE, LEFT FOOT, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                     |
| M84.676K | PATHOLOGICAL FRACTURE IN OTHER DISEASE, UNSPECIFIED FOOT, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION              |
| M84.750G | ATYPICAL FEMORAL FRACTURE, UNSPECIFIED, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH DELAYED HEALING                         |
| M84.750K | ATYPICAL FEMORAL FRACTURE, UNSPECIFIED, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                                |
| M84.750P | ATYPICAL FEMORAL FRACTURE, UNSPECIFIED, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH MALUNION                                |
| M84.754G | COMPLETE TRANSVERSE ATYPICAL FEMORAL FRACTURE, RIGHT LEG, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH DELAYED HEALING       |
| M84.754K | COMPLETE TRANSVERSE ATYPICAL FEMORAL FRACTURE, RIGHT LEG, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION              |
| M84.754P | COMPLETE TRANSVERSE ATYPICAL FEMORAL FRACTURE, RIGHT LEG, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH MALUNION              |
| M84.755G | COMPLETE TRANSVERSE ATYPICAL FEMORAL FRACTURE, LEFT LEG, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH DELAYED HEALING        |
| M84.755K | COMPLETE TRANSVERSE ATYPICAL FEMORAL FRACTURE, LEFT LEG, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION               |
| M84.755P | COMPLETE TRANSVERSE ATYPICAL FEMORAL FRACTURE, LEFT LEG, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH MALUNION               |
| M84.756G | COMPLETE TRANSVERSE ATYPICAL FEMORAL FRACTURE, UNSPECIFIED LEG, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH DELAYED HEALING |
| M84.756K | COMPLETE TRANSVERSE ATYPICAL FEMORAL FRACTURE, UNSPECIFIED LEG, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION        |
| M84.756P | COMPLETE TRANSVERSE ATYPICAL FEMORAL FRACTURE, UNSPECIFIED LEG, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH MALUNION        |
| M84.757G | COMPLETE OBLIQUE ATYPICAL FEMORAL FRACTURE, RIGHT LEG, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH DELAYED HEALING          |
| M84.757K | COMPLETE OBLIQUE ATYPICAL FEMORAL FRACTURE, RIGHT LEG, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                 |
| M84.757P | COMPLETE OBLIQUE ATYPICAL FEMORAL FRACTURE, RIGHT LEG, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH MALUNION                 |
| M84.758G | COMPLETE OBLIQUE ATYPICAL FEMORAL FRACTURE, LEFT LEG, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH DELAYED HEALING           |
| M84.758K | COMPLETE OBLIQUE ATYPICAL FEMORAL FRACTURE, LEFT LEG, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                  |
| M84.758P | COMPLETE OBLIQUE ATYPICAL FEMORAL FRACTURE, LEFT LEG, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH MALUNION                  |

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| M84.759G | COMPLETE OBLIQUE ATYPICAL FEMORAL FRACTURE, UNSPECIFIED LEG, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH DELAYED HEALING  |
| M84.759K | COMPLETE OBLIQUE ATYPICAL FEMORAL FRACTURE, UNSPECIFIED LEG, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION         |
| M84.759P | COMPLETE OBLIQUE ATYPICAL FEMORAL FRACTURE, UNSPECIFIED LEG, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH MALUNION         |
| Q74.0    | Other congenital malformations of upper limb (s), including shoulder girdle  |
| Q74.1    | Congenital malformation of knee  |
| Q74.2    | OTHER CONGENITAL MALFORMATIONS OF LOWER LIMB(S), INCLUDING PELVIC GIRDLE   |
| Q74.3    | ARTHROGRYPOSIS MULTIPLEX CONGENITA   |
| Q74.8    | OTHER SPECIFIED CONGENITAL MALFORMATIONS OF LIMB(S)  |
| Q74.9    | UNSPECIFIED CONGENITAL MALFORMATIONS OF LIMB(S)  |
| S42.001K | FRACTURE OF UNSPECIFIED PART OF RIGHT CLAVICLE, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                      |
| S42.002K | FRACTURE OF UNSPECIFIED PART OF LEFT CLAVICLE, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                       |
| S42.009K | FRACTURE OF UNSPECIFIED PART OF UNSPECIFIED CLAVICLE, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                |
| S42.011K | ANTERIOR DISPLACED FRACTURE OF STERNAL END OF RIGHT CLAVICLE, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION        |
| S42.012K | ANTERIOR DISPLACED FRACTURE OF STERNAL END OF LEFT CLAVICLE, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION         |
| S42.013K | ANTERIOR DISPLACED FRACTURE OF STERNAL END OF UNSPECIFIED CLAVICLE, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION  |
| S42.014K | POSTERIOR DISPLACED FRACTURE OF STERNAL END OF RIGHT CLAVICLE, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION       |
| S42.015K | POSTERIOR DISPLACED FRACTURE OF STERNAL END OF LEFT CLAVICLE, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION        |
| S42.016K | POSTERIOR DISPLACED FRACTURE OF STERNAL END OF UNSPECIFIED CLAVICLE, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION |
| S42.017K | NONDISPLACED FRACTURE OF STERNAL END OF RIGHT CLAVICLE, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION              |
| S42.018K | NONDISPLACED FRACTURE OF STERNAL END OF LEFT CLAVICLE, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION               |
| S42.019K | NONDISPLACED FRACTURE OF STERNAL END OF UNSPECIFIED CLAVICLE, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION        |
| S42.021K | DISPLACED FRACTURE OF SHAFT OF RIGHT CLAVICLE, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                       |
| S42.022K | DISPLACED FRACTURE OF SHAFT OF LEFT CLAVICLE, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                        |
| S42.023K | DISPLACED FRACTURE OF SHAFT OF UNSPECIFIED CLAVICLE, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                 |
| S42.024K | NONDISPLACED FRACTURE OF SHAFT OF RIGHT CLAVICLE, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                    |
| S42.025K | NONDISPLACED FRACTURE OF SHAFT OF LEFT CLAVICLE, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                     |
| S42.026K | NONDISPLACED FRACTURE OF SHAFT OF UNSPECIFIED CLAVICLE, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION              |
| S42.031K | DISPLACED FRACTURE OF LATERAL END OF RIGHT CLAVICLE, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                 |
| S42.032K | DISPLACED FRACTURE OF LATERAL END OF LEFT CLAVICLE, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                  |
| S42.033K | DISPLACED FRACTURE OF LATERAL END OF UNSPECIFIED CLAVICLE, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION           |
| S42.034K | NONDISPLACED FRACTURE OF LATERAL END OF RIGHT CLAVICLE, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION              |
| S42.035K | NONDISPLACED FRACTURE OF LATERAL END OF LEFT CLAVICLE, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION               |

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| S42.036K | NONDISPLACED FRACTURE OF LATERAL END OF UNSPECIFIED CLAVICLE, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION              |
| S42.201K | UNSPECIFIED FRACTURE OF UPPER END OF RIGHT HUMERUS, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                        |
| S42.202K | UNSPECIFIED FRACTURE OF UPPER END OF LEFT HUMERUS, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                         |
| S42.209K | UNSPECIFIED FRACTURE OF UPPER END OF UNSPECIFIED HUMERUS, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                  |
| S42.211K | UNSPECIFIED DISPLACED FRACTURE OF SURGICAL NECK OF RIGHT HUMERUS, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION          |
| S42.212K | UNSPECIFIED DISPLACED FRACTURE OF SURGICAL NECK OF LEFT HUMERUS, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION           |
| S42.213K | UNSPECIFIED DISPLACED FRACTURE OF SURGICAL NECK OF UNSPECIFIED HUMERUS, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION    |
| S42.214K | UNSPECIFIED NONDISPLACED FRACTURE OF SURGICAL NECK OF RIGHT HUMERUS, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION       |
| S42.215K | UNSPECIFIED NONDISPLACED FRACTURE OF SURGICAL NECK OF LEFT HUMERUS, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION        |
| S42.216K | UNSPECIFIED NONDISPLACED FRACTURE OF SURGICAL NECK OF UNSPECIFIED HUMERUS, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION |
| S42.221K | 2-PART DISPLACED FRACTURE OF SURGICAL NECK OF RIGHT HUMERUS, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION               |
| S42.222K | 2-PART DISPLACED FRACTURE OF SURGICAL NECK OF LEFT HUMERUS, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                |
| S42.223K | 2-PART DISPLACED FRACTURE OF SURGICAL NECK OF UNSPECIFIED HUMERUS, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION         |
| S42.224K | 2-PART NONDISPLACED FRACTURE OF SURGICAL NECK OF RIGHT HUMERUS, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION            |
| S42.225K | 2-PART NONDISPLACED FRACTURE OF SURGICAL NECK OF LEFT HUMERUS, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION             |
| S42.226K | 2-PART NONDISPLACED FRACTURE OF SURGICAL NECK OF UNSPECIFIED HUMERUS, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION      |
| S42.231K | 3-PART FRACTURE OF SURGICAL NECK OF RIGHT HUMERUS, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                         |
| S42.232K | 3-PART FRACTURE OF SURGICAL NECK OF LEFT HUMERUS, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                          |
| S42.239K | 3-PART FRACTURE OF SURGICAL NECK OF UNSPECIFIED HUMERUS, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                   |
| S42.241K | 4-PART FRACTURE OF SURGICAL NECK OF RIGHT HUMERUS, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                         |
| S42.242K | 4-PART FRACTURE OF SURGICAL NECK OF LEFT HUMERUS, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                          |
| S42.249K | 4-PART FRACTURE OF SURGICAL NECK OF UNSPECIFIED HUMERUS, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                   |
| S42.251K | DISPLACED FRACTURE OF GREATER TUBEROSITY OF RIGHT HUMERUS, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                 |
| S42.252K | DISPLACED FRACTURE OF GREATER TUBEROSITY OF LEFT HUMERUS, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                  |
| S42.253K | DISPLACED FRACTURE OF GREATER TUBEROSITY OF UNSPECIFIED HUMERUS, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION           |
| S42.254K | NONDISPLACED FRACTURE OF GREATER TUBEROSITY OF RIGHT HUMERUS, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION              |
| S42.255K | NONDISPLACED FRACTURE OF GREATER TUBEROSITY OF LEFT HUMERUS, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION               |
| S42.256K | NONDISPLACED FRACTURE OF GREATER TUBEROSITY OF UNSPECIFIED HUMERUS, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION        |
| S42.261K | DISPLACED FRACTURE OF LESSER TUBEROSITY OF RIGHT HUMERUS, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                  |

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| S42.262K | DISPLACED FRACTURE OF LESSER TUBEROSITY OF LEFT HUMERUS, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION               |
| S42.263K | DISPLACED FRACTURE OF LESSER TUBEROSITY OF UNSPECIFIED HUMERUS, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION        |
| S42.264K | NONDISPLACED FRACTURE OF LESSER TUBEROSITY OF RIGHT HUMERUS, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION           |
| S42.265K | NONDISPLACED FRACTURE OF LESSER TUBEROSITY OF LEFT HUMERUS, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION            |
| S42.266K | NONDISPLACED FRACTURE OF LESSER TUBEROSITY OF UNSPECIFIED HUMERUS, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION     |
| S42.271K | TORUS FRACTURE OF UPPER END OF RIGHT HUMERUS, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                          |
| S42.272K | TORUS FRACTURE OF UPPER END OF LEFT HUMERUS, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                           |
| S42.279K | TORUS FRACTURE OF UPPER END OF UNSPECIFIED HUMERUS, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                    |
| S42.291K | OTHER DISPLACED FRACTURE OF UPPER END OF RIGHT HUMERUS, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                |
| S42.292K | OTHER DISPLACED FRACTURE OF UPPER END OF LEFT HUMERUS, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                 |
| S42.293K | OTHER DISPLACED FRACTURE OF UPPER END OF UNSPECIFIED HUMERUS, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION          |
| S42.294K | OTHER NONDISPLACED FRACTURE OF UPPER END OF RIGHT HUMERUS, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION             |
| S42.295K | OTHER NONDISPLACED FRACTURE OF UPPER END OF LEFT HUMERUS, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION              |
| S42.296K | OTHER NONDISPLACED FRACTURE OF UPPER END OF UNSPECIFIED HUMERUS, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION       |
| S42.301K | UNSPECIFIED FRACTURE OF SHAFT OF HUMERUS, RIGHT ARM, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                   |
| S42.302K | UNSPECIFIED FRACTURE OF SHAFT OF HUMERUS, LEFT ARM, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                    |
| S42.309K | UNSPECIFIED FRACTURE OF SHAFT OF HUMERUS, UNSPECIFIED ARM, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION             |
| S42.311K | GREENSTICK FRACTURE OF SHAFT OF HUMERUS, RIGHT ARM, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                    |
| S42.312K | GREENSTICK FRACTURE OF SHAFT OF HUMERUS, LEFT ARM, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                     |
| S42.319K | GREENSTICK FRACTURE OF SHAFT OF HUMERUS, UNSPECIFIED ARM, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION              |
| S42.321K | DISPLACED TRANSVERSE FRACTURE OF SHAFT OF HUMERUS, RIGHT ARM, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION          |
| S42.322K | DISPLACED TRANSVERSE FRACTURE OF SHAFT OF HUMERUS, LEFT ARM, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION           |
| S42.323K | DISPLACED TRANSVERSE FRACTURE OF SHAFT OF HUMERUS, UNSPECIFIED ARM, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION    |
| S42.324K | NONDISPLACED TRANSVERSE FRACTURE OF SHAFT OF HUMERUS, RIGHT ARM, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION       |
| S42.325K | NONDISPLACED TRANSVERSE FRACTURE OF SHAFT OF HUMERUS, LEFT ARM, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION        |
| S42.326K | NONDISPLACED TRANSVERSE FRACTURE OF SHAFT OF HUMERUS, UNSPECIFIED ARM, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION |
| S42.331K | DISPLACED OBLIQUE FRACTURE OF SHAFT OF HUMERUS, RIGHT ARM, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION             |
| S42.332K | DISPLACED OBLIQUE FRACTURE OF SHAFT OF HUMERUS, LEFT ARM, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION              |
| S42.333K | DISPLACED OBLIQUE FRACTURE OF SHAFT OF HUMERUS, UNSPECIFIED ARM, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION       |



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| S42.334K | NONDISPLACED OBLIQUE FRACTURE OF SHAFT OF HUMERUS, RIGHT ARM, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                            |
| S42.335K | NONDISPLACED OBLIQUE FRACTURE OF SHAFT OF HUMERUS, LEFT ARM, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                             |
| S42.336K | NONDISPLACED OBLIQUE FRACTURE OF SHAFT OF HUMERUS, UNSPECIFIED ARM, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                      |
| S42.341K | DISPLACED SPIRAL FRACTURE OF SHAFT OF HUMERUS, RIGHT ARM, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                                |
| S42.342K | DISPLACED SPIRAL FRACTURE OF SHAFT OF HUMERUS, LEFT ARM, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                                 |
| S42.343K | DISPLACED SPIRAL FRACTURE OF SHAFT OF HUMERUS, UNSPECIFIED ARM, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                          |
| S42.344K | NONDISPLACED SPIRAL FRACTURE OF SHAFT OF HUMERUS, RIGHT ARM, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                             |
| S42.345K | NONDISPLACED SPIRAL FRACTURE OF SHAFT OF HUMERUS, LEFT ARM, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                              |
| S42.346K | NONDISPLACED SPIRAL FRACTURE OF SHAFT OF HUMERUS, UNSPECIFIED ARM, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                       |
| S42.351K | DISPLACED COMMINUTED FRACTURE OF SHAFT OF HUMERUS, RIGHT ARM, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                            |
| S42.352K | DISPLACED COMMINUTED FRACTURE OF SHAFT OF HUMERUS, LEFT ARM, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                             |
| S42.353K | DISPLACED COMMINUTED FRACTURE OF SHAFT OF HUMERUS, UNSPECIFIED ARM, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                      |
| S42.354K | NONDISPLACED COMMINUTED FRACTURE OF SHAFT OF HUMERUS, RIGHT ARM, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                         |
| S42.355K | NONDISPLACED COMMINUTED FRACTURE OF SHAFT OF HUMERUS, LEFT ARM, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                          |
| S42.356K | NONDISPLACED COMMINUTED FRACTURE OF SHAFT OF HUMERUS, UNSPECIFIED ARM, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                   |
| S42.361K | DISPLACED SEGMENTAL FRACTURE OF SHAFT OF HUMERUS, RIGHT ARM, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                             |
| S42.362K | DISPLACED SEGMENTAL FRACTURE OF SHAFT OF HUMERUS, LEFT ARM, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                              |
| S42.363K | DISPLACED SEGMENTAL FRACTURE OF SHAFT OF HUMERUS, UNSPECIFIED ARM, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                       |
| S42.364K | NONDISPLACED SEGMENTAL FRACTURE OF SHAFT OF HUMERUS, RIGHT ARM, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                          |
| S42.365K | NONDISPLACED SEGMENTAL FRACTURE OF SHAFT OF HUMERUS, LEFT ARM, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                           |
| S42.366K | NONDISPLACED SEGMENTAL FRACTURE OF SHAFT OF HUMERUS, UNSPECIFIED ARM, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                    |
| S42.391K | OTHER FRACTURE OF SHAFT OF RIGHT HUMERUS, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION  |
| S42.392K | OTHER FRACTURE OF SHAFT OF LEFT HUMERUS, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION   |
| S42.399K | OTHER FRACTURE OF SHAFT OF UNSPECIFIED HUMERUS, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION  |
| S42.401K | UNSPECIFIED FRACTURE OF LOWER END OF RIGHT HUMERUS, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                                      |
| S42.402K | UNSPECIFIED FRACTURE OF LOWER END OF LEFT HUMERUS, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                                       |
| S42.409K | UNSPECIFIED FRACTURE OF LOWER END OF UNSPECIFIED HUMERUS, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                                |
| S42.411K | DISPLACED SIMPLE SUPRACONDYLAR FRACTURE WITHOUT INTERCONDYLAR FRACTURE OF RIGHT HUMERUS, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION |
| S42.412K | DISPLACED SIMPLE SUPRACONDYLAR FRACTURE WITHOUT INTERCONDYLAR FRACTURE OF LEFT HUMERUS, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION  |

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| S42.413K | DISPLACED SIMPLE SUPRACONDYLAR FRACTURE WITHOUT INTERCONDYLAR FRACTURE OF UNSPECIFIED HUMERUS, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION        |
| S42.414K | NONDISPLACED SIMPLE SUPRACONDYLAR FRACTURE WITHOUT INTERCONDYLAR FRACTURE OF RIGHT HUMERUS, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION           |
| S42.415K | NONDISPLACED SIMPLE SUPRACONDYLAR FRACTURE WITHOUT INTERCONDYLAR FRACTURE OF LEFT HUMERUS, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION            |
| S42.416K | NONDISPLACED SIMPLE SUPRACONDYLAR FRACTURE WITHOUT INTERCONDYLAR FRACTURE OF UNSPECIFIED HUMERUS, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION     |
| S42.421K | DISPLACED COMMINUTED SUPRACONDYLAR FRACTURE WITHOUT INTERCONDYLAR FRACTURE OF RIGHT HUMERUS, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION          |
| S42.422K | DISPLACED COMMINUTED SUPRACONDYLAR FRACTURE WITHOUT INTERCONDYLAR FRACTURE OF LEFT HUMERUS, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION           |
| S42.423K | DISPLACED COMMINUTED SUPRACONDYLAR FRACTURE WITHOUT INTERCONDYLAR FRACTURE OF UNSPECIFIED HUMERUS, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION    |
| S42.424K | NONDISPLACED COMMINUTED SUPRACONDYLAR FRACTURE WITHOUT INTERCONDYLAR FRACTURE OF RIGHT HUMERUS, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION       |
| S42.425K | NONDISPLACED COMMINUTED SUPRACONDYLAR FRACTURE WITHOUT INTERCONDYLAR FRACTURE OF LEFT HUMERUS, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION        |
| S42.426K | NONDISPLACED COMMINUTED SUPRACONDYLAR FRACTURE WITHOUT INTERCONDYLAR FRACTURE OF UNSPECIFIED HUMERUS, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION |
| S42.431K | DISPLACED FRACTURE (AVULSION) OF LATERAL EPICONDYLE OF RIGHT HUMERUS, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                                 |
| S42.432K | DISPLACED FRACTURE (AVULSION) OF LATERAL EPICONDYLE OF LEFT HUMERUS, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                                  |
| S42.433K | DISPLACED FRACTURE (AVULSION) OF LATERAL EPICONDYLE OF UNSPECIFIED HUMERUS, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                           |
| S42.434K | NONDISPLACED FRACTURE (AVULSION) OF LATERAL EPICONDYLE OF RIGHT HUMERUS, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                              |
| S42.435K | NONDISPLACED FRACTURE (AVULSION) OF LATERAL EPICONDYLE OF LEFT HUMERUS, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                               |
| S42.436K | NONDISPLACED FRACTURE (AVULSION) OF LATERAL EPICONDYLE OF UNSPECIFIED HUMERUS, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                        |
| S42.441K | DISPLACED FRACTURE (AVULSION) OF MEDIAL EPICONDYLE OF RIGHT HUMERUS, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                                  |
| S42.442K | DISPLACED FRACTURE (AVULSION) OF MEDIAL EPICONDYLE OF LEFT HUMERUS, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                                   |
| S42.443K | DISPLACED FRACTURE (AVULSION) OF MEDIAL EPICONDYLE OF UNSPECIFIED HUMERUS, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                            |
| S42.444K | NONDISPLACED FRACTURE (AVULSION) OF MEDIAL EPICONDYLE OF RIGHT HUMERUS, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                               |
| S42.445K | NONDISPLACED FRACTURE (AVULSION) OF MEDIAL EPICONDYLE OF LEFT HUMERUS, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                                |
| S42.446K | NONDISPLACED FRACTURE (AVULSION) OF MEDIAL EPICONDYLE OF UNSPECIFIED HUMERUS, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                         |
| S42.447K | INCARCERATED FRACTURE (AVULSION) OF MEDIAL EPICONDYLE OF RIGHT HUMERUS, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                               |
| S42.448K | INCARCERATED FRACTURE (AVULSION) OF MEDIAL EPICONDYLE OF LEFT HUMERUS, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                                |
| S42.449K | INCARCERATED FRACTURE (AVULSION) OF MEDIAL EPICONDYLE OF UNSPECIFIED HUMERUS, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                         |
| S42.451K | DISPLACED FRACTURE OF LATERAL CONDYLE OF RIGHT HUMERUS, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION   |
| S42.452K | DISPLACED FRACTURE OF LATERAL CONDYLE OF LEFT HUMERUS, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION  |
| S42.453K | DISPLACED FRACTURE OF LATERAL CONDYLE OF UNSPECIFIED HUMERUS, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION   |
| S42.454K | NONDISPLACED FRACTURE OF LATERAL CONDYLE OF RIGHT HUMERUS, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION  |

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| S42.455K | NONDISPLACED FRACTURE OF LATERAL CONDYLE OF LEFT HUMERUS, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                       |
| S42.456K | NONDISPLACED FRACTURE OF LATERAL CONDYLE OF UNSPECIFIED HUMERUS, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                |
| S42.461K | DISPLACED FRACTURE OF MEDIAL CONDYLE OF RIGHT HUMERUS, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                          |
| S42.462K | DISPLACED FRACTURE OF MEDIAL CONDYLE OF LEFT HUMERUS, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                           |
| S42.463K | DISPLACED FRACTURE OF MEDIAL CONDYLE OF UNSPECIFIED HUMERUS, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                    |
| S42.464K | NONDISPLACED FRACTURE OF MEDIAL CONDYLE OF RIGHT HUMERUS, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                       |
| S42.465K | NONDISPLACED FRACTURE OF MEDIAL CONDYLE OF LEFT HUMERUS, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                        |
| S42.466K | NONDISPLACED FRACTURE OF MEDIAL CONDYLE OF UNSPECIFIED HUMERUS, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                 |
| S42.471K | DISPLACED TRANSCONDYLAR FRACTURE OF RIGHT HUMERUS, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                              |
| S42.472K | DISPLACED TRANSCONDYLAR FRACTURE OF LEFT HUMERUS, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                               |
| S42.473K | DISPLACED TRANSCONDYLAR FRACTURE OF UNSPECIFIED HUMERUS, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                        |
| S42.474K | NONDISPLACED TRANSCONDYLAR FRACTURE OF RIGHT HUMERUS, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                           |
| S42.475K | NONDISPLACED TRANSCONDYLAR FRACTURE OF LEFT HUMERUS, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                            |
| S42.476K | NONDISPLACED TRANSCONDYLAR FRACTURE OF UNSPECIFIED HUMERUS, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                     |
| S42.481K | TORUS FRACTURE OF LOWER END OF RIGHT HUMERUS, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                                   |
| S42.482K | TORUS FRACTURE OF LOWER END OF LEFT HUMERUS, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                                    |
| S42.489K | TORUS FRACTURE OF LOWER END OF UNSPECIFIED HUMERUS, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                             |
| S42.491K | OTHER DISPLACED FRACTURE OF LOWER END OF RIGHT HUMERUS, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                         |
| S42.492K | OTHER DISPLACED FRACTURE OF LOWER END OF LEFT HUMERUS, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                          |
| S42.493K | OTHER DISPLACED FRACTURE OF LOWER END OF UNSPECIFIED HUMERUS, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                   |
| S42.494K | OTHER NONDISPLACED FRACTURE OF LOWER END OF RIGHT HUMERUS, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                      |
| S42.495K | OTHER NONDISPLACED FRACTURE OF LOWER END OF LEFT HUMERUS, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                       |
| S42.496K | OTHER NONDISPLACED FRACTURE OF LOWER END OF UNSPECIFIED HUMERUS, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                |
| S49.001K | UNSPECIFIED PHYSEAL FRACTURE OF UPPER END OF HUMERUS, RIGHT ARM, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                |
| S49.002K | UNSPECIFIED PHYSEAL FRACTURE OF UPPER END OF HUMERUS, LEFT ARM, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                 |
| S49.009K | UNSPECIFIED PHYSEAL FRACTURE OF UPPER END OF HUMERUS, UNSPECIFIED ARM, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION          |
| S49.011K | SALTER-HARRIS TYPE I PHYSEAL FRACTURE OF UPPER END OF HUMERUS, RIGHT ARM, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION       |
| S49.012K | SALTER-HARRIS TYPE I PHYSEAL FRACTURE OF UPPER END OF HUMERUS, LEFT ARM, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION        |
| S49.019K | SALTER-HARRIS TYPE I PHYSEAL FRACTURE OF UPPER END OF HUMERUS, UNSPECIFIED ARM, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION |

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| S49.021K | SALTER-HARRIS TYPE II PHYSEAL FRACTURE OF UPPER END OF HUMERUS, RIGHT ARM, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION       |
| S49.022K | SALTER-HARRIS TYPE II PHYSEAL FRACTURE OF UPPER END OF HUMERUS, LEFT ARM, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION        |
| S49.029K | SALTER-HARRIS TYPE II PHYSEAL FRACTURE OF UPPER END OF HUMERUS, UNSPECIFIED ARM, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION |
| S49.031K | SALTER-HARRIS TYPE III PHYSEAL FRACTURE OF UPPER END OF HUMERUS RIGHT ARM SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION        |
| S49.032K | SALTER-HARRIS TYPE III PHYSEAL FRACTURE OF UPPER END OF HUMERUS LEFT ARM SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION         |
| S49.039K | SALTER-HARRIS TYPE III PHYSEAL FRACTURE OF UPPER END OF HUMERUS UNSPECIFIED ARM SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION  |
| S49.041K | SALTER-HARRIS TYPE IV PHYSEAL FRACTURE OF UPPER END OF HUMERUS, RIGHT ARM, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION       |
| S49.042K | SALTER-HARRIS TYPE IV PHYSEAL FRACTURE OF UPPER END OF HUMERUS, LEFT ARM, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION        |
| S49.049K | SALTER-HARRIS TYPE IV PHYSEAL FRACTURE OF UPPER END OF HUMERUS, UNSPECIFIED ARM, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION |
| S49.091K | OTHER PHYSEAL FRACTURE OF UPPER END OF HUMERUS, RIGHT ARM, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                       |
| S49.092K | OTHER PHYSEAL FRACTURE OF UPPER END OF HUMERUS, LEFT ARM, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                        |
| S49.099K | OTHER PHYSEAL FRACTURE OF UPPER END OF HUMERUS, UNSPECIFIED ARM, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                 |
| S49.101K | UNSPECIFIED PHYSEAL FRACTURE OF LOWER END OF HUMERUS, RIGHT ARM, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                 |
| S49.102K | UNSPECIFIED PHYSEAL FRACTURE OF LOWER END OF HUMERUS, LEFT ARM, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                  |
| S49.109K | UNSPECIFIED PHYSEAL FRACTURE OF LOWER END OF HUMERUS, UNSPECIFIED ARM, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION           |
| S49.111K | SALTER-HARRIS TYPE I PHYSEAL FRACTURE OF LOWER END OF HUMERUS, RIGHT ARM, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION        |
| S49.112K | SALTER-HARRIS TYPE I PHYSEAL FRACTURE OF LOWER END OF HUMERUS, LEFT ARM, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION         |
| S49.119K | SALTER-HARRIS TYPE I PHYSEAL FRACTURE OF LOWER END OF HUMERUS, UNSPECIFIED ARM, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION  |
| S49.121K | SALTER-HARRIS TYPE II PHYSEAL FRACTURE OF LOWER END OF HUMERUS, RIGHT ARM, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION       |
| S49.122K | SALTER-HARRIS TYPE II PHYSEAL FRACTURE OF LOWER END OF HUMERUS, LEFT ARM, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION        |
| S49.129K | SALTER-HARRIS TYPE II PHYSEAL FRACTURE OF LOWER END OF HUMERUS, UNSPECIFIED ARM, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION |
| S49.131K | SALTER-HARRIS TYPE III PHYSEAL FRACTURE OF LOWER END OF HUMERUS RIGHT ARM SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION        |
| S49.132K | SALTER-HARRIS TYPE III PHYSEAL FRACTURE OF LOWER END OF HUMERUS LEFT ARM SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION         |
| S49.139K | SALTER-HARRIS TYPE III PHYSEAL FRACTURE OF LOWER END OF HUMERUS UNSPECIFIED ARM SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION  |
| S49.141K | SALTER-HARRIS TYPE IV PHYSEAL FRACTURE OF LOWER END OF HUMERUS, RIGHT ARM, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION       |
| S49.142K | SALTER-HARRIS TYPE IV PHYSEAL FRACTURE OF LOWER END OF HUMERUS, LEFT ARM, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION        |
| S49.149K | SALTER-HARRIS TYPE IV PHYSEAL FRACTURE OF LOWER END OF HUMERUS, UNSPECIFIED ARM, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION |
| S49.191K | OTHER PHYSEAL FRACTURE OF LOWER END OF HUMERUS, RIGHT ARM, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                       |
| S49.192K | OTHER PHYSEAL FRACTURE OF LOWER END OF HUMERUS, LEFT ARM, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                        |

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| S49.199K | OTHER PHYSEAL FRACTURE OF LOWER END OF HUMERUS, UNSPECIFIED ARM, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION  |
| S52.90XK | UNSPECIFIED FRACTURE OF UNSPECIFIED FOREARM, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION   |
| S52.90XM | UNSPECIFIED FRACTURE OF UNSPECIFIED FOREARM, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION  |
| S52.90XN | UNSPECIFIED FRACTURE OF UNSPECIFIED FOREARM, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION  |
| S52.91XK | UNSPECIFIED FRACTURE OF RIGHT FOREARM, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION   |
| S52.91XM | UNSPECIFIED FRACTURE OF RIGHT FOREARM, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION  |
| S52.91XN | UNSPECIFIED FRACTURE OF RIGHT FOREARM, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION  |
| S52.92XK | UNSPECIFIED FRACTURE OF LEFT FOREARM, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION  |
| S52.92XM | UNSPECIFIED FRACTURE OF LEFT FOREARM, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION   |
| S52.92XN | UNSPECIFIED FRACTURE OF LEFT FOREARM, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION   |
| S52.001K | UNSPECIFIED FRACTURE OF UPPER END OF RIGHT ULNA, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION   |
| S52.001M | UNSPECIFIED FRACTURE OF UPPER END OF RIGHT ULNA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION  |
| S52.001N | UNSPECIFIED FRACTURE OF UPPER END OF RIGHT ULNA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION  |
| S52.002K | UNSPECIFIED FRACTURE OF UPPER END OF LEFT ULNA, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION  |
| S52.002M | UNSPECIFIED FRACTURE OF UPPER END OF LEFT ULNA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION   |
| S52.002N | UNSPECIFIED FRACTURE OF UPPER END OF LEFT ULNA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION   |
| S52.009K | UNSPECIFIED FRACTURE OF UPPER END OF UNSPECIFIED ULNA, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION   |
| S52.009M | UNSPECIFIED FRACTURE OF UPPER END OF UNSPECIFIED ULNA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION  |
| S52.009N | UNSPECIFIED FRACTURE OF UPPER END OF UNSPECIFIED ULNA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION                                  |
| S52.011K | TORUS FRACTURE OF UPPER END OF RIGHT ULNA, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION  |
| S52.012K | TORUS FRACTURE OF UPPER END OF LEFT ULNA, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION   |
| S52.019K | TORUS FRACTURE OF UPPER END OF UNSPECIFIED ULNA, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION  |
| S52.021K | DISPLACED FRACTURE OF OLECRANON PROCESS WITHOUT INTRAARTICULAR EXTENSION OF RIGHT ULNA, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                        |
| S52.021M | DISPLACED FRACTURE OF OLECRANON PROCESS WITHOUT INTRAARTICULAR EXTENSION OF RIGHT ULNA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION             |
| S52.021N | DISPLACED FRACTURE OF OLECRANON PROCESS WITHOUT INTRAARTICULAR EXTENSION OF RIGHT ULNA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION |
| S52.022K | DISPLACED FRACTURE OF OLECRANON PROCESS WITHOUT INTRAARTICULAR EXTENSION OF LEFT ULNA, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                         |
| S52.022M | DISPLACED FRACTURE OF OLECRANON PROCESS WITHOUT INTRAARTICULAR EXTENSION OF LEFT ULNA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION              |
| S52.022N | DISPLACED FRACTURE OF OLECRANON PROCESS WITHOUT INTRAARTICULAR EXTENSION OF LEFT ULNA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION  |
| S52.023K | DISPLACED FRACTURE OF OLECRANON PROCESS WITHOUT INTRAARTICULAR EXTENSION OF UNSPECIFIED ULNA, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                  |

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| S52.023M | DISPLACED FRACTURE OF OLECRANON PROCESS WITHOUT INTRAARTICULAR EXTENSION OF UNSPECIFIED ULNA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                |
| S52.023N | DISPLACED FRACTURE OF OLECRANON PROCESS WITHOUT INTRAARTICULAR EXTENSION OF UNSPECIFIED ULNA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION    |
| S52.024K | NONDISPLACED FRACTURE OF OLECRANON PROCESS WITHOUT INTRAARTICULAR EXTENSION OF RIGHT ULNA, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                              |
| S52.024M | NONDISPLACED FRACTURE OF OLECRANON PROCESS WITHOUT INTRAARTICULAR EXTENSION OF RIGHT ULNA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                   |
| S52.024N | NONDISPLACED FRACTURE OF OLECRANON PROCESS WITHOUT INTRAARTICULAR EXTENSION OF RIGHT ULNA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION       |
| S52.025K | NONDISPLACED FRACTURE OF OLECRANON PROCESS WITHOUT INTRAARTICULAR EXTENSION OF LEFT ULNA, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                               |
| S52.025M | NONDISPLACED FRACTURE OF OLECRANON PROCESS WITHOUT INTRAARTICULAR EXTENSION OF LEFT ULNA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                    |
| S52.025N | NONDISPLACED FRACTURE OF OLECRANON PROCESS WITHOUT INTRAARTICULAR EXTENSION OF LEFT ULNA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION        |
| S52.026K | NONDISPLACED FRACTURE OF OLECRANON PROCESS WITHOUT INTRAARTICULAR EXTENSION OF UNSPECIFIED ULNA, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                        |
| S52.026M | NONDISPLACED FRACTURE OF OLECRANON PROCESS WITHOUT INTRAARTICULAR EXTENSION OF UNSPECIFIED ULNA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION             |
| S52.026N | NONDISPLACED FRACTURE OF OLECRANON PROCESS WITHOUT INTRAARTICULAR EXTENSION OF UNSPECIFIED ULNA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION |
| S52.031K | DISPLACED FRACTURE OF OLECRANON PROCESS WITH INTRAARTICULAR EXTENSION OF RIGHT ULNA, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                                    |
| S52.031M | DISPLACED FRACTURE OF OLECRANON PROCESS WITH INTRAARTICULAR EXTENSION OF RIGHT ULNA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                         |
| S52.031N | DISPLACED FRACTURE OF OLECRANON PROCESS WITH INTRAARTICULAR EXTENSION OF RIGHT ULNA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION             |
| S52.032K | DISPLACED FRACTURE OF OLECRANON PROCESS WITH INTRAARTICULAR EXTENSION OF LEFT ULNA, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                                     |
| S52.032M | DISPLACED FRACTURE OF OLECRANON PROCESS WITH INTRAARTICULAR EXTENSION OF LEFT ULNA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                          |
| S52.032N | DISPLACED FRACTURE OF OLECRANON PROCESS WITH INTRAARTICULAR EXTENSION OF LEFT ULNA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION              |
| S52.033K | DISPLACED FRACTURE OF OLECRANON PROCESS WITH INTRAARTICULAR EXTENSION OF UNSPECIFIED ULNA, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                              |
| S52.033M | DISPLACED FRACTURE OF OLECRANON PROCESS WITH INTRAARTICULAR EXTENSION OF UNSPECIFIED ULNA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                   |
| S52.033N | DISPLACED FRACTURE OF OLECRANON PROCESS WITH INTRAARTICULAR EXTENSION OF UNSPECIFIED ULNA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION       |
| S52.034K | NONDISPLACED FRACTURE OF OLECRANON PROCESS WITH INTRAARTICULAR EXTENSION OF RIGHT ULNA, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                                 |
| S52.034M | NONDISPLACED FRACTURE OF OLECRANON PROCESS WITH INTRAARTICULAR EXTENSION OF RIGHT ULNA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                      |
| S52.034N | NONDISPLACED FRACTURE OF OLECRANON PROCESS WITH INTRAARTICULAR EXTENSION OF RIGHT ULNA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION          |
| S52.035K | NONDISPLACED FRACTURE OF OLECRANON PROCESS WITH INTRAARTICULAR EXTENSION OF LEFT ULNA, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                                  |
| S52.035M | NONDISPLACED FRACTURE OF OLECRANON PROCESS WITH INTRAARTICULAR EXTENSION OF LEFT ULNA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                       |
| S52.035N | NONDISPLACED FRACTURE OF OLECRANON PROCESS WITH INTRAARTICULAR EXTENSION OF LEFT ULNA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION           |
| S52.036K | NONDISPLACED FRACTURE OF OLECRANON PROCESS WITH INTRAARTICULAR EXTENSION OF UNSPECIFIED ULNA, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                           |
| S52.036M | NONDISPLACED FRACTURE OF OLECRANON PROCESS WITH INTRAARTICULAR EXTENSION OF UNSPECIFIED ULNA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                |

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| S52.036N | NONDISPLACED FRACTURE OF OLECRANON PROCESS WITH INTRAARTICULAR EXTENSION OF UNSPECIFIED ULNA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION |
| S52.041K | DISPLACED FRACTURE OF CORONOID PROCESS OF RIGHT ULNA, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION  |
| S52.041M | DISPLACED FRACTURE OF CORONOID PROCESS OF RIGHT ULNA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION   |
| S52.041N | DISPLACED FRACTURE OF CORONOID PROCESS OF RIGHT ULNA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION   |
| S52.042K | DISPLACED FRACTURE OF CORONOID PROCESS OF LEFT ULNA, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION   |
| S52.042M | DISPLACED FRACTURE OF CORONOID PROCESS OF LEFT ULNA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION  |
| S52.042N | DISPLACED FRACTURE OF CORONOID PROCESS OF LEFT ULNA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION  |
| S52.043K | DISPLACED FRACTURE OF CORONOID PROCESS OF UNSPECIFIED ULNA, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION  |
| S52.043M | DISPLACED FRACTURE OF CORONOID PROCESS OF UNSPECIFIED ULNA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION   |
| S52.043N | DISPLACED FRACTURE OF CORONOID PROCESS OF UNSPECIFIED ULNA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION                                   |
| S52.044K | NONDISPLACED FRACTURE OF CORONOID PROCESS OF RIGHT ULNA, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION   |
| S52.044M | NONDISPLACED FRACTURE OF CORONOID PROCESS OF RIGHT ULNA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION  |
| S52.044N | NONDISPLACED FRACTURE OF CORONOID PROCESS OF RIGHT ULNA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION                                      |
| S52.045K | NONDISPLACED FRACTURE OF CORONOID PROCESS OF LEFT ULNA, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION  |
| S52.045M | NONDISPLACED FRACTURE OF CORONOID PROCESS OF LEFT ULNA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION   |
| S52.045N | NONDISPLACED FRACTURE OF CORONOID PROCESS OF LEFT ULNA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION                                       |
| S52.046K | NONDISPLACED FRACTURE OF CORONOID PROCESS OF UNSPECIFIED ULNA, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION   |
| S52.046M | NONDISPLACED FRACTURE OF CORONOID PROCESS OF UNSPECIFIED ULNA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION  |
| S52.046N | NONDISPLACED FRACTURE OF CORONOID PROCESS OF UNSPECIFIED ULNA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION                                |
| S52.091K | OTHER FRACTURE OF UPPER END OF RIGHT ULNA, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION   |
| S52.091M | OTHER FRACTURE OF UPPER END OF RIGHT ULNA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION  |
| S52.091N | OTHER FRACTURE OF UPPER END OF RIGHT ULNA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION  |
| S52.092K | OTHER FRACTURE OF UPPER END OF LEFT ULNA, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION  |
| S52.092M | OTHER FRACTURE OF UPPER END OF LEFT ULNA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION   |
| S52.092N | OTHER FRACTURE OF UPPER END OF LEFT ULNA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION   |
| S52.099K | OTHER FRACTURE OF UPPER END OF UNSPECIFIED ULNA, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION   |
| S52.099M | OTHER FRACTURE OF UPPER END OF UNSPECIFIED ULNA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION  |
| S52.099N | OTHER FRACTURE OF UPPER END OF UNSPECIFIED ULNA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION  |
| S52.101K | UNSPECIFIED FRACTURE OF UPPER END OF RIGHT RADIUS, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION   |

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| S52.101M | UNSPECIFIED FRACTURE OF UPPER END OF RIGHT RADIUS, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                   |
| S52.101N | UNSPECIFIED FRACTURE OF UPPER END OF RIGHT RADIUS, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION       |
| S52.102K | UNSPECIFIED FRACTURE OF UPPER END OF LEFT RADIUS, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                               |
| S52.102M | UNSPECIFIED FRACTURE OF UPPER END OF LEFT RADIUS, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                    |
| S52.102N | UNSPECIFIED FRACTURE OF UPPER END OF LEFT RADIUS, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION        |
| S52.109K | UNSPECIFIED FRACTURE OF UPPER END OF UNSPECIFIED RADIUS, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                        |
| S52.109M | UNSPECIFIED FRACTURE OF UPPER END OF UNSPECIFIED RADIUS, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION             |
| S52.109N | UNSPECIFIED FRACTURE OF UPPER END OF UNSPECIFIED RADIUS, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION |
| S52.111K | TORUS FRACTURE OF UPPER END OF RIGHT RADIUS, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION   |
| S52.112K | TORUS FRACTURE OF UPPER END OF LEFT RADIUS, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION  |
| S52.119K | TORUS FRACTURE OF UPPER END OF UNSPECIFIED RADIUS, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                                     |
| S52.121K | DISPLACED FRACTURE OF HEAD OF RIGHT RADIUS, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                                     |
| S52.121M | DISPLACED FRACTURE OF HEAD OF RIGHT RADIUS, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                          |
| S52.121N | DISPLACED FRACTURE OF HEAD OF RIGHT RADIUS, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION              |
| S52.122K | DISPLACED FRACTURE OF HEAD OF LEFT RADIUS, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                                      |
| S52.122M | DISPLACED FRACTURE OF HEAD OF LEFT RADIUS, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                           |
| S52.122N | DISPLACED FRACTURE OF HEAD OF LEFT RADIUS, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION               |
| S52.123K | DISPLACED FRACTURE OF HEAD OF UNSPECIFIED RADIUS, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                               |
| S52.123M | DISPLACED FRACTURE OF HEAD OF UNSPECIFIED RADIUS, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                    |
| S52.123N | DISPLACED FRACTURE OF HEAD OF UNSPECIFIED RADIUS, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION        |
| S52.124K | NONDISPLACED FRACTURE OF HEAD OF RIGHT RADIUS, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                                  |
| S52.124M | NONDISPLACED FRACTURE OF HEAD OF RIGHT RADIUS, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                       |
| S52.124N | NONDISPLACED FRACTURE OF HEAD OF RIGHT RADIUS, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION           |
| S52.125K | NONDISPLACED FRACTURE OF HEAD OF LEFT RADIUS, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                                   |
| S52.125M | NONDISPLACED FRACTURE OF HEAD OF LEFT RADIUS, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                        |
| S52.125N | NONDISPLACED FRACTURE OF HEAD OF LEFT RADIUS, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION            |
| S52.126K | NONDISPLACED FRACTURE OF HEAD OF UNSPECIFIED RADIUS, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                            |
| S52.126M | NONDISPLACED FRACTURE OF HEAD OF UNSPECIFIED RADIUS, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                 |
| S52.126N | NONDISPLACED FRACTURE OF HEAD OF UNSPECIFIED RADIUS, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION     |



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| S52.131K | DISPLACED FRACTURE OF NECK OF RIGHT RADIUS, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                                 |
| S52.131M | DISPLACED FRACTURE OF NECK OF RIGHT RADIUS, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                      |
| S52.131N | DISPLACED FRACTURE OF NECK OF RIGHT RADIUS, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION          |
| S52.132K | DISPLACED FRACTURE OF NECK OF LEFT RADIUS, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                                  |
| S52.132M | DISPLACED FRACTURE OF NECK OF LEFT RADIUS, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                       |
| S52.132N | DISPLACED FRACTURE OF NECK OF LEFT RADIUS, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION           |
| S52.133K | DISPLACED FRACTURE OF NECK OF UNSPECIFIED RADIUS, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                           |
| S52.133M | DISPLACED FRACTURE OF NECK OF UNSPECIFIED RADIUS, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                |
| S52.133N | DISPLACED FRACTURE OF NECK OF UNSPECIFIED RADIUS, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION    |
| S52.134K | NONDISPLACED FRACTURE OF NECK OF RIGHT RADIUS, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                              |
| S52.134M | NONDISPLACED FRACTURE OF NECK OF RIGHT RADIUS, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                   |
| S52.134N | NONDISPLACED FRACTURE OF NECK OF RIGHT RADIUS, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION       |
| S52.135K | NONDISPLACED FRACTURE OF NECK OF LEFT RADIUS, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                               |
| S52.135M | NONDISPLACED FRACTURE OF NECK OF LEFT RADIUS, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                    |
| S52.135N | NONDISPLACED FRACTURE OF NECK OF LEFT RADIUS, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION        |
| S52.136K | NONDISPLACED FRACTURE OF NECK OF UNSPECIFIED RADIUS, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                        |
| S52.136M | NONDISPLACED FRACTURE OF NECK OF UNSPECIFIED RADIUS, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION             |
| S52.136N | NONDISPLACED FRACTURE OF NECK OF UNSPECIFIED RADIUS, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION |
| S52.181K | OTHER FRACTURE OF UPPER END OF RIGHT RADIUS, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                                |
| S52.181M | OTHER FRACTURE OF UPPER END OF RIGHT RADIUS, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                     |
| S52.181N | OTHER FRACTURE OF UPPER END OF RIGHT RADIUS, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION         |
| S52.182K | OTHER FRACTURE OF UPPER END OF LEFT RADIUS, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                                 |
| S52.182M | OTHER FRACTURE OF UPPER END OF LEFT RADIUS, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                      |
| S52.182N | OTHER FRACTURE OF UPPER END OF LEFT RADIUS, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION          |
| S52.189K | OTHER FRACTURE OF UPPER END OF UNSPECIFIED RADIUS, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                          |
| S52.189M | OTHER FRACTURE OF UPPER END OF UNSPECIFIED RADIUS, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION               |
| S52.189N | OTHER FRACTURE OF UPPER END OF UNSPECIFIED RADIUS, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION   |
| S52.201K | UNSPECIFIED FRACTURE OF SHAFT OF RIGHT ULNA, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                                |
| S52.201M | UNSPECIFIED FRACTURE OF SHAFT OF RIGHT ULNA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                     |

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| S52.201N | UNSPECIFIED FRACTURE OF SHAFT OF RIGHT ULNA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION                   |
| S52.202K | UNSPECIFIED FRACTURE OF SHAFT OF LEFT ULNA, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION   |
| S52.202M | UNSPECIFIED FRACTURE OF SHAFT OF LEFT ULNA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                                |
| S52.202N | UNSPECIFIED FRACTURE OF SHAFT OF LEFT ULNA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION                    |
| S52.209K | UNSPECIFIED FRACTURE OF SHAFT OF UNSPECIFIED ULNA, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                                    |
| S52.209M | UNSPECIFIED FRACTURE OF SHAFT OF UNSPECIFIED ULNA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                         |
| S52.209N | UNSPECIFIED FRACTURE OF SHAFT OF UNSPECIFIED ULNA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION             |
| S52.211K | GREENSTICK FRACTURE OF SHAFT OF RIGHT ULNA, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION  |
| S52.212K | GREENSTICK FRACTURE OF SHAFT OF LEFT ULNA, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION   |
| S52.219K | GREENSTICK FRACTURE OF SHAFT OF UNSPECIFIED ULNA, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION  |
| S52.221K | DISPLACED TRANSVERSE FRACTURE OF SHAFT OF RIGHT ULNA, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                                 |
| S52.221M | DISPLACED TRANSVERSE FRACTURE OF SHAFT OF RIGHT ULNA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                      |
| S52.221N | DISPLACED TRANSVERSE FRACTURE OF SHAFT OF RIGHT ULNA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION          |
| S52.222K | DISPLACED TRANSVERSE FRACTURE OF SHAFT OF LEFT ULNA, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                                  |
| S52.222M | DISPLACED TRANSVERSE FRACTURE OF SHAFT OF LEFT ULNA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                       |
| S52.222N | DISPLACED TRANSVERSE FRACTURE OF SHAFT OF LEFT ULNA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION           |
| S52.223K | DISPLACED TRANSVERSE FRACTURE OF SHAFT OF UNSPECIFIED ULNA, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                           |
| S52.223M | DISPLACED TRANSVERSE FRACTURE OF SHAFT OF UNSPECIFIED ULNA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                |
| S52.223N | DISPLACED TRANSVERSE FRACTURE OF SHAFT OF UNSPECIFIED ULNA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION    |
| S52.224K | NONDISPLACED TRANSVERSE FRACTURE OF SHAFT OF RIGHT ULNA, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                              |
| S52.224M | NONDISPLACED TRANSVERSE FRACTURE OF SHAFT OF RIGHT ULNA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                   |
| S52.224N | NONDISPLACED TRANSVERSE FRACTURE OF SHAFT OF RIGHT ULNA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION       |
| S52.225K | NONDISPLACED TRANSVERSE FRACTURE OF SHAFT OF LEFT ULNA, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                               |
| S52.225M | NONDISPLACED TRANSVERSE FRACTURE OF SHAFT OF LEFT ULNA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                    |
| S52.225N | NONDISPLACED TRANSVERSE FRACTURE OF SHAFT OF LEFT ULNA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION        |
| S52.226K | NONDISPLACED TRANSVERSE FRACTURE OF SHAFT OF UNSPECIFIED ULNA, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                        |
| S52.226M | NONDISPLACED TRANSVERSE FRACTURE OF SHAFT OF UNSPECIFIED ULNA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION             |
| S52.226N | NONDISPLACED TRANSVERSE FRACTURE OF SHAFT OF UNSPECIFIED ULNA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION |
| S52.231K | DISPLACED OBLIQUE FRACTURE OF SHAFT OF RIGHT ULNA, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                                    |

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| S52.231M | DISPLACED OBLIQUE FRACTURE OF SHAFT OF RIGHT ULNA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                       |
| S52.231N | DISPLACED OBLIQUE FRACTURE OF SHAFT OF RIGHT ULNA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION           |
| S52.232K | DISPLACED OBLIQUE FRACTURE OF SHAFT OF LEFT ULNA, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                                   |
| S52.232M | DISPLACED OBLIQUE FRACTURE OF SHAFT OF LEFT ULNA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                        |
| S52.232N | DISPLACED OBLIQUE FRACTURE OF SHAFT OF LEFT ULNA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION            |
| S52.233K | DISPLACED OBLIQUE FRACTURE OF SHAFT OF UNSPECIFIED ULNA, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                            |
| S52.233M | DISPLACED OBLIQUE FRACTURE OF SHAFT OF UNSPECIFIED ULNA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                 |
| S52.233N | DISPLACED OBLIQUE FRACTURE OF SHAFT OF UNSPECIFIED ULNA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION     |
| S52.234K | NONDISPLACED OBLIQUE FRACTURE OF SHAFT OF RIGHT ULNA, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                               |
| S52.234M | NONDISPLACED OBLIQUE FRACTURE OF SHAFT OF RIGHT ULNA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                    |
| S52.234N | NONDISPLACED OBLIQUE FRACTURE OF SHAFT OF RIGHT ULNA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION        |
| S52.235K | NONDISPLACED OBLIQUE FRACTURE OF SHAFT OF LEFT ULNA, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                                |
| S52.235M | NONDISPLACED OBLIQUE FRACTURE OF SHAFT OF LEFT ULNA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                     |
| S52.235N | NONDISPLACED OBLIQUE FRACTURE OF SHAFT OF LEFT ULNA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION         |
| S52.236K | NONDISPLACED OBLIQUE FRACTURE OF SHAFT OF UNSPECIFIED ULNA, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                         |
| S52.236M | NONDISPLACED OBLIQUE FRACTURE OF SHAFT OF UNSPECIFIED ULNA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION              |
| S52.236N | NONDISPLACED OBLIQUE FRACTURE OF SHAFT OF UNSPECIFIED ULNA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION  |
| S52.241K | DISPLACED SPIRAL FRACTURE OF SHAFT OF ULNA, RIGHT ARM, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                              |
| S52.241M | DISPLACED SPIRAL FRACTURE OF SHAFT OF ULNA, RIGHT ARM, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                   |
| S52.241N | DISPLACED SPIRAL FRACTURE OF SHAFT OF ULNA, RIGHT ARM, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION       |
| S52.242K | DISPLACED SPIRAL FRACTURE OF SHAFT OF ULNA, LEFT ARM, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                               |
| S52.242M | DISPLACED SPIRAL FRACTURE OF SHAFT OF ULNA, LEFT ARM, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                    |
| S52.242N | DISPLACED SPIRAL FRACTURE OF SHAFT OF ULNA, LEFT ARM, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION        |
| S52.243K | DISPLACED SPIRAL FRACTURE OF SHAFT OF ULNA, UNSPECIFIED ARM, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                        |
| S52.243M | DISPLACED SPIRAL FRACTURE OF SHAFT OF ULNA, UNSPECIFIED ARM, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION             |
| S52.243N | DISPLACED SPIRAL FRACTURE OF SHAFT OF ULNA, UNSPECIFIED ARM, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION |
| S52.244K | NONDISPLACED SPIRAL FRACTURE OF SHAFT OF ULNA, RIGHT ARM, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                           |
| S52.244M | NONDISPLACED SPIRAL FRACTURE OF SHAFT OF ULNA, RIGHT ARM, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                |
| S52.244N | NONDISPLACED SPIRAL FRACTURE OF SHAFT OF ULNA, RIGHT ARM, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION    |

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| S52.245K | NONDISPLACED SPIRAL FRACTURE OF SHAFT OF ULNA, LEFT ARM, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                                   |
| S52.245M | NONDISPLACED SPIRAL FRACTURE OF SHAFT OF ULNA, LEFT ARM, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                        |
| S52.245N | NONDISPLACED SPIRAL FRACTURE OF SHAFT OF ULNA, LEFT ARM, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION            |
| S52.246K | NONDISPLACED SPIRAL FRACTURE OF SHAFT OF ULNA, UNSPECIFIED ARM, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                            |
| S52.246M | NONDISPLACED SPIRAL FRACTURE OF SHAFT OF ULNA, UNSPECIFIED ARM, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                 |
| S52.246N | NONDISPLACED SPIRAL FRACTURE OF SHAFT OF ULNA, UNSPECIFIED ARM, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION     |
| S52.251K | DISPLACED COMMINUTED FRACTURE OF SHAFT OF ULNA, RIGHT ARM, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                                 |
| S52.251M | DISPLACED COMMINUTED FRACTURE OF SHAFT OF ULNA, RIGHT ARM, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                      |
| S52.251N | DISPLACED COMMINUTED FRACTURE OF SHAFT OF ULNA, RIGHT ARM, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION          |
| S52.252K | DISPLACED COMMINUTED FRACTURE OF SHAFT OF ULNA, LEFT ARM, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                                  |
| S52.252M | DISPLACED COMMINUTED FRACTURE OF SHAFT OF ULNA, LEFT ARM, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                       |
| S52.252N | DISPLACED COMMINUTED FRACTURE OF SHAFT OF ULNA, LEFT ARM, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION           |
| S52.253K | DISPLACED COMMINUTED FRACTURE OF SHAFT OF ULNA, UNSPECIFIED ARM, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                           |
| S52.253M | DISPLACED COMMINUTED FRACTURE OF SHAFT OF ULNA, UNSPECIFIED ARM, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                |
| S52.253N | DISPLACED COMMINUTED FRACTURE OF SHAFT OF ULNA, UNSPECIFIED ARM, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION    |
| S52.254K | NONDISPLACED COMMINUTED FRACTURE OF SHAFT OF ULNA, RIGHT ARM, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                              |
| S52.254M | NONDISPLACED COMMINUTED FRACTURE OF SHAFT OF ULNA, RIGHT ARM, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                   |
| S52.254N | NONDISPLACED COMMINUTED FRACTURE OF SHAFT OF ULNA, RIGHT ARM, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION       |
| S52.255K | NONDISPLACED COMMINUTED FRACTURE OF SHAFT OF ULNA, LEFT ARM, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                               |
| S52.255M | NONDISPLACED COMMINUTED FRACTURE OF SHAFT OF ULNA, LEFT ARM, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                    |
| S52.255N | NONDISPLACED COMMINUTED FRACTURE OF SHAFT OF ULNA, LEFT ARM, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION        |
| S52.256K | NONDISPLACED COMMINUTED FRACTURE OF SHAFT OF ULNA, UNSPECIFIED ARM, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                        |
| S52.256M | NONDISPLACED COMMINUTED FRACTURE OF SHAFT OF ULNA, UNSPECIFIED ARM, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION             |
| S52.256N | NONDISPLACED COMMINUTED FRACTURE OF SHAFT OF ULNA, UNSPECIFIED ARM, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION |
| S52.261K | DISPLACED SEGMENTAL FRACTURE OF SHAFT OF ULNA, RIGHT ARM, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                                  |
| S52.261M | DISPLACED SEGMENTAL FRACTURE OF SHAFT OF ULNA, RIGHT ARM, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                       |
| S52.261N | DISPLACED SEGMENTAL FRACTURE OF SHAFT OF ULNA, RIGHT ARM, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION           |
| S52.262K | DISPLACED SEGMENTAL FRACTURE OF SHAFT OF ULNA, LEFT ARM, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                                   |
| S52.262M | DISPLACED SEGMENTAL FRACTURE OF SHAFT OF ULNA, LEFT ARM, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                        |

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| S52.262N | DISPLACED SEGMENTAL FRACTURE OF SHAFT OF ULNA, LEFT ARM, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION           |
| S52.263K | DISPLACED SEGMENTAL FRACTURE OF SHAFT OF ULNA, UNSPECIFIED ARM, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                           |
| S52.263M | DISPLACED SEGMENTAL FRACTURE OF SHAFT OF ULNA, UNSPECIFIED ARM, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                |
| S52.263N | DISPLACED SEGMENTAL FRACTURE OF SHAFT OF ULNA, UNSPECIFIED ARM, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION    |
| S52.264K | NONDISPLACED SEGMENTAL FRACTURE OF SHAFT OF ULNA, RIGHT ARM, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                              |
| S52.264M | NONDISPLACED SEGMENTAL FRACTURE OF SHAFT OF ULNA, RIGHT ARM, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                   |
| S52.264N | NONDISPLACED SEGMENTAL FRACTURE OF SHAFT OF ULNA, RIGHT ARM, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION       |
| S52.265K | NONDISPLACED SEGMENTAL FRACTURE OF SHAFT OF ULNA, LEFT ARM, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                               |
| S52.265M | NONDISPLACED SEGMENTAL FRACTURE OF SHAFT OF ULNA, LEFT ARM, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                    |
| S52.265N | NONDISPLACED SEGMENTAL FRACTURE OF SHAFT OF ULNA, LEFT ARM, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION        |
| S52.266K | NONDISPLACED SEGMENTAL FRACTURE OF SHAFT OF ULNA, UNSPECIFIED ARM, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                        |
| S52.266M | NONDISPLACED SEGMENTAL FRACTURE OF SHAFT OF ULNA, UNSPECIFIED ARM, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION             |
| S52.266N | NONDISPLACED SEGMENTAL FRACTURE OF SHAFT OF ULNA, UNSPECIFIED ARM, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION |
| S52.271K | MONTEGGIA'S FRACTURE OF RIGHT ULNA, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION   |
| S52.271M | MONTEGGIA'S FRACTURE OF RIGHT ULNA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION  |
| S52.271N | MONTEGGIA'S FRACTURE OF RIGHT ULNA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION                                |
| S52.272K | MONTEGGIA'S FRACTURE OF LEFT ULNA, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION  |
| S52.272M | MONTEGGIA'S FRACTURE OF LEFT ULNA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION   |
| S52.272N | MONTEGGIA'S FRACTURE OF LEFT ULNA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION                                 |
| S52.279K | MONTEGGIA'S FRACTURE OF UNSPECIFIED ULNA, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION   |
| S52.279M | MONTEGGIA'S FRACTURE OF UNSPECIFIED ULNA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                                      |
| S52.279N | MONTEGGIA'S FRACTURE OF UNSPECIFIED ULNA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION                          |
| S52.281K | BENT BONE OF RIGHT ULNA, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION  |
| S52.281M | BENT BONE OF RIGHT ULNA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION   |
| S52.281N | BENT BONE OF RIGHT ULNA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION   |
| S52.282K | BENT BONE OF LEFT ULNA, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION   |
| S52.282M | BENT BONE OF LEFT ULNA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION  |
| S52.282N | BENT BONE OF LEFT ULNA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION  |
| S52.283K | BENT BONE OF UNSPECIFIED ULNA, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION  |
| S52.283M | BENT BONE OF UNSPECIFIED ULNA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION   |
| S52.283N | BENT BONE OF UNSPECIFIED ULNA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION                                     |

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| S52.291K | OTHER FRACTURE OF SHAFT OF RIGHT ULNA, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION   |
| S52.291M | OTHER FRACTURE OF SHAFT OF RIGHT ULNA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                              |
| S52.291N | OTHER FRACTURE OF SHAFT OF RIGHT ULNA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION                  |
| S52.292K | OTHER FRACTURE OF SHAFT OF LEFT ULNA, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION  |
| S52.292M | OTHER FRACTURE OF SHAFT OF LEFT ULNA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                               |
| S52.292N | OTHER FRACTURE OF SHAFT OF LEFT ULNA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION                   |
| S52.299K | OTHER FRACTURE OF SHAFT OF UNSPECIFIED ULNA, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                                   |
| S52.299M | OTHER FRACTURE OF SHAFT OF UNSPECIFIED ULNA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                        |
| S52.299N | OTHER FRACTURE OF SHAFT OF UNSPECIFIED ULNA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION            |
| S52.301K | UNSPECIFIED FRACTURE OF SHAFT OF RIGHT RADIUS, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                                 |
| S52.301M | UNSPECIFIED FRACTURE OF SHAFT OF RIGHT RADIUS, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                      |
| S52.301N | UNSPECIFIED FRACTURE OF SHAFT OF RIGHT RADIUS, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION          |
| S52.302K | UNSPECIFIED FRACTURE OF SHAFT OF LEFT RADIUS, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                                  |
| S52.302M | UNSPECIFIED FRACTURE OF SHAFT OF LEFT RADIUS, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                       |
| S52.302N | UNSPECIFIED FRACTURE OF SHAFT OF LEFT RADIUS, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION           |
| S52.309K | UNSPECIFIED FRACTURE OF SHAFT OF UNSPECIFIED RADIUS, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                           |
| S52.309M | UNSPECIFIED FRACTURE OF SHAFT OF UNSPECIFIED RADIUS, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                |
| S52.309N | UNSPECIFIED FRACTURE OF SHAFT OF UNSPECIFIED RADIUS, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION    |
| S52.311K | GREENSTICK FRACTURE OF SHAFT OF RADIUS, RIGHT ARM, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                                    |
| S52.312K | GREENSTICK FRACTURE OF SHAFT OF RADIUS, LEFT ARM, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                                     |
| S52.319K | GREENSTICK FRACTURE OF SHAFT OF RADIUS, UNSPECIFIED ARM, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                              |
| S52.321K | DISPLACED TRANSVERSE FRACTURE OF SHAFT OF RIGHT RADIUS, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                        |
| S52.321M | DISPLACED TRANSVERSE FRACTURE OF SHAFT OF RIGHT RADIUS, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION             |
| S52.321N | DISPLACED TRANSVERSE FRACTURE OF SHAFT OF RIGHT RADIUS, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION |
| S52.322K | DISPLACED TRANSVERSE FRACTURE OF SHAFT OF LEFT RADIUS, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                         |
| S52.322M | DISPLACED TRANSVERSE FRACTURE OF SHAFT OF LEFT RADIUS, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION              |
| S52.322N | DISPLACED TRANSVERSE FRACTURE OF SHAFT OF LEFT RADIUS, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION  |
| S52.323K | DISPLACED TRANSVERSE FRACTURE OF SHAFT OF UNSPECIFIED RADIUS, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                  |
| S52.323M | DISPLACED TRANSVERSE FRACTURE OF SHAFT OF UNSPECIFIED RADIUS, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION       |

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| S52.323N | DISPLACED TRANSVERSE FRACTURE OF SHAFT OF UNSPECIFIED RADIUS, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION    |
| S52.324K | NONDISPLACED TRANSVERSE FRACTURE OF SHAFT OF RIGHT RADIUS, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                              |
| S52.324M | NONDISPLACED TRANSVERSE FRACTURE OF SHAFT OF RIGHT RADIUS, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                   |
| S52.324N | NONDISPLACED TRANSVERSE FRACTURE OF SHAFT OF RIGHT RADIUS, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION       |
| S52.325K | NONDISPLACED TRANSVERSE FRACTURE OF SHAFT OF LEFT RADIUS, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                               |
| S52.325M | NONDISPLACED TRANSVERSE FRACTURE OF SHAFT OF LEFT RADIUS, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                    |
| S52.325N | NONDISPLACED TRANSVERSE FRACTURE OF SHAFT OF LEFT RADIUS, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION        |
| S52.326K | NONDISPLACED TRANSVERSE FRACTURE OF SHAFT OF UNSPECIFIED RADIUS, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                        |
| S52.326M | NONDISPLACED TRANSVERSE FRACTURE OF SHAFT OF UNSPECIFIED RADIUS, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION             |
| S52.326N | NONDISPLACED TRANSVERSE FRACTURE OF SHAFT OF UNSPECIFIED RADIUS, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION |
| S52.331K | DISPLACED OBLIQUE FRACTURE OF SHAFT OF RIGHT RADIUS, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                                    |
| S52.331M | DISPLACED OBLIQUE FRACTURE OF SHAFT OF RIGHT RADIUS, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                         |
| S52.331N | DISPLACED OBLIQUE FRACTURE OF SHAFT OF RIGHT RADIUS, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION             |
| S52.332K | DISPLACED OBLIQUE FRACTURE OF SHAFT OF LEFT RADIUS, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                                     |
| S52.332M | DISPLACED OBLIQUE FRACTURE OF SHAFT OF LEFT RADIUS, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                          |
| S52.332N | DISPLACED OBLIQUE FRACTURE OF SHAFT OF LEFT RADIUS, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION              |
| S52.333K | DISPLACED OBLIQUE FRACTURE OF SHAFT OF UNSPECIFIED RADIUS, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                              |
| S52.333M | DISPLACED OBLIQUE FRACTURE OF SHAFT OF UNSPECIFIED RADIUS, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                   |
| S52.333N | DISPLACED OBLIQUE FRACTURE OF SHAFT OF UNSPECIFIED RADIUS, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION       |
| S52.334K | NONDISPLACED OBLIQUE FRACTURE OF SHAFT OF RIGHT RADIUS, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                                 |
| S52.334M | NONDISPLACED OBLIQUE FRACTURE OF SHAFT OF RIGHT RADIUS, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                      |
| S52.334N | NONDISPLACED OBLIQUE FRACTURE OF SHAFT OF RIGHT RADIUS, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION          |
| S52.335K | NONDISPLACED OBLIQUE FRACTURE OF SHAFT OF LEFT RADIUS, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                                  |
| S52.335M | NONDISPLACED OBLIQUE FRACTURE OF SHAFT OF LEFT RADIUS, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                       |
| S52.335N | NONDISPLACED OBLIQUE FRACTURE OF SHAFT OF LEFT RADIUS, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION           |
| S52.336K | NONDISPLACED OBLIQUE FRACTURE OF SHAFT OF UNSPECIFIED RADIUS, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                           |
| S52.336M | NONDISPLACED OBLIQUE FRACTURE OF SHAFT OF UNSPECIFIED RADIUS, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                |
| S52.336N | NONDISPLACED OBLIQUE FRACTURE OF SHAFT OF UNSPECIFIED RADIUS, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION    |
| S52.341K | DISPLACED SPIRAL FRACTURE OF SHAFT OF RADIUS, RIGHT ARM, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                                |

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| S52.341M | DISPLACED SPIRAL FRACTURE OF SHAFT OF RADIUS, RIGHT ARM, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                       |
| S52.341N | DISPLACED SPIRAL FRACTURE OF SHAFT OF RADIUS, RIGHT ARM, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION           |
| S52.342K | DISPLACED SPIRAL FRACTURE OF SHAFT OF RADIUS, LEFT ARM, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                                   |
| S52.342M | DISPLACED SPIRAL FRACTURE OF SHAFT OF RADIUS, LEFT ARM, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                        |
| S52.342N | DISPLACED SPIRAL FRACTURE OF SHAFT OF RADIUS, LEFT ARM, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION            |
| S52.343K | DISPLACED SPIRAL FRACTURE OF SHAFT OF RADIUS, UNSPECIFIED ARM, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                            |
| S52.343M | DISPLACED SPIRAL FRACTURE OF SHAFT OF RADIUS, UNSPECIFIED ARM, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                 |
| S52.343N | DISPLACED SPIRAL FRACTURE OF SHAFT OF RADIUS, UNSPECIFIED ARM, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION     |
| S52.344K | NONDISPLACED SPIRAL FRACTURE OF SHAFT OF RADIUS, RIGHT ARM, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                               |
| S52.344M | NONDISPLACED SPIRAL FRACTURE OF SHAFT OF RADIUS, RIGHT ARM, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                    |
| S52.344N | NONDISPLACED SPIRAL FRACTURE OF SHAFT OF RADIUS, RIGHT ARM, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION        |
| S52.345K | NONDISPLACED SPIRAL FRACTURE OF SHAFT OF RADIUS, LEFT ARM, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                                |
| S52.345M | NONDISPLACED SPIRAL FRACTURE OF SHAFT OF RADIUS, LEFT ARM, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                     |
| S52.345N | NONDISPLACED SPIRAL FRACTURE OF SHAFT OF RADIUS, LEFT ARM, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION         |
| S52.346K | NONDISPLACED SPIRAL FRACTURE OF SHAFT OF RADIUS, UNSPECIFIED ARM, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                         |
| S52.346M | NONDISPLACED SPIRAL FRACTURE OF SHAFT OF RADIUS, UNSPECIFIED ARM, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION              |
| S52.346N | NONDISPLACED SPIRAL FRACTURE OF SHAFT OF RADIUS, UNSPECIFIED ARM, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION  |
| S52.351K | DISPLACED COMMINUTED FRACTURE OF SHAFT OF RADIUS, RIGHT ARM, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                              |
| S52.351M | DISPLACED COMMINUTED FRACTURE OF SHAFT OF RADIUS, RIGHT ARM, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                   |
| S52.351N | DISPLACED COMMINUTED FRACTURE OF SHAFT OF RADIUS, RIGHT ARM, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION       |
| S52.352K | DISPLACED COMMINUTED FRACTURE OF SHAFT OF RADIUS, LEFT ARM, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                               |
| S52.352M | DISPLACED COMMINUTED FRACTURE OF SHAFT OF RADIUS, LEFT ARM, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                    |
| S52.352N | DISPLACED COMMINUTED FRACTURE OF SHAFT OF RADIUS, LEFT ARM, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION        |
| S52.353K | DISPLACED COMMINUTED FRACTURE OF SHAFT OF RADIUS, UNSPECIFIED ARM, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                        |
| S52.353M | DISPLACED COMMINUTED FRACTURE OF SHAFT OF RADIUS, UNSPECIFIED ARM, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION             |
| S52.353N | DISPLACED COMMINUTED FRACTURE OF SHAFT OF RADIUS, UNSPECIFIED ARM, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION |
| S52.354K | NONDISPLACED COMMINUTED FRACTURE OF SHAFT OF RADIUS, RIGHT ARM, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                           |
| S52.354M | NONDISPLACED COMMINUTED FRACTURE OF SHAFT OF RADIUS, RIGHT ARM, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                |
| S52.354N | NONDISPLACED COMMINUTED FRACTURE OF SHAFT OF RADIUS, RIGHT ARM, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION    |



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| S52.355K | NONDISPLACED COMMINUTED FRACTURE OF SHAFT OF RADIUS, LEFT ARM, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                               |
| S52.355M | NONDISPLACED COMMINUTED FRACTURE OF SHAFT OF RADIUS, LEFT ARM, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                    |
| S52.355N | NONDISPLACED COMMINUTED FRACTURE OF SHAFT OF RADIUS, LEFT ARM, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION        |
| S52.356K | NONDISPLACED COMMINUTED FRACTURE OF SHAFT OF RADIUS, UNSPECIFIED ARM, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                        |
| S52.356M | NONDISPLACED COMMINUTED FRACTURE OF SHAFT OF RADIUS, UNSPECIFIED ARM, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION             |
| S52.356N | NONDISPLACED COMMINUTED FRACTURE OF SHAFT OF RADIUS, UNSPECIFIED ARM, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION |
| S52.361K | DISPLACED SEGMENTAL FRACTURE OF SHAFT OF RADIUS, RIGHT ARM, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                                  |
| S52.361M | DISPLACED SEGMENTAL FRACTURE OF SHAFT OF RADIUS, RIGHT ARM, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                       |
| S52.361N | DISPLACED SEGMENTAL FRACTURE OF SHAFT OF RADIUS, RIGHT ARM, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION           |
| S52.362K | DISPLACED SEGMENTAL FRACTURE OF SHAFT OF RADIUS, LEFT ARM, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                                   |
| S52.362M | DISPLACED SEGMENTAL FRACTURE OF SHAFT OF RADIUS, LEFT ARM, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                        |
| S52.362N | DISPLACED SEGMENTAL FRACTURE OF SHAFT OF RADIUS, LEFT ARM, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION            |
| S52.363K | DISPLACED SEGMENTAL FRACTURE OF SHAFT OF RADIUS, UNSPECIFIED ARM, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                            |
| S52.363M | DISPLACED SEGMENTAL FRACTURE OF SHAFT OF RADIUS, UNSPECIFIED ARM, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                 |
| S52.363N | DISPLACED SEGMENTAL FRACTURE OF SHAFT OF RADIUS, UNSPECIFIED ARM, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION     |
| S52.364K | NONDISPLACED SEGMENTAL FRACTURE OF SHAFT OF RADIUS, RIGHT ARM, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                               |
| S52.364M | NONDISPLACED SEGMENTAL FRACTURE OF SHAFT OF RADIUS, RIGHT ARM, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                    |
| S52.364N | NONDISPLACED SEGMENTAL FRACTURE OF SHAFT OF RADIUS, RIGHT ARM, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION        |
| S52.365K | NONDISPLACED SEGMENTAL FRACTURE OF SHAFT OF RADIUS, LEFT ARM, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                                |
| S52.365M | NONDISPLACED SEGMENTAL FRACTURE OF SHAFT OF RADIUS, LEFT ARM, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                     |
| S52.365N | NONDISPLACED SEGMENTAL FRACTURE OF SHAFT OF RADIUS, LEFT ARM, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION         |
| S52.366K | NONDISPLACED SEGMENTAL FRACTURE OF SHAFT OF RADIUS, UNSPECIFIED ARM, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                         |
| S52.366M | NONDISPLACED SEGMENTAL FRACTURE OF SHAFT OF RADIUS, UNSPECIFIED ARM, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION              |
| S52.366N | NONDISPLACED SEGMENTAL FRACTURE OF SHAFT OF RADIUS, UNSPECIFIED ARM, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION  |
| S52.371K | GALEAZZI'S FRACTURE OF RIGHT RADIUS, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION   |
| S52.371M | GALEAZZI'S FRACTURE OF RIGHT RADIUS, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION  |
| S52.371N | GALEAZZI'S FRACTURE OF RIGHT RADIUS, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION                                  |
| S52.372K | GALEAZZI'S FRACTURE OF LEFT RADIUS, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION  |
| S52.372M | GALEAZZI'S FRACTURE OF LEFT RADIUS, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION   |

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| S52.372N | GALEAZZI'S FRACTURE OF LEFT RADIUS, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION                    |
| S52.379K | GALEAZZI'S FRACTURE OF UNSPECIFIED RADIUS, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                                    |
| S52.379M | GALEAZZI'S FRACTURE OF UNSPECIFIED RADIUS, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                         |
| S52.379N | GALEAZZI'S FRACTURE OF UNSPECIFIED RADIUS, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION             |
| S52.381K | BENT BONE OF RIGHT RADIUS, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION  |
| S52.381M | BENT BONE OF RIGHT RADIUS, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION   |
| S52.381N | BENT BONE OF RIGHT RADIUS, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION                             |
| S52.382K | BENT BONE OF LEFT RADIUS, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION   |
| S52.382M | BENT BONE OF LEFT RADIUS, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION  |
| S52.382N | BENT BONE OF LEFT RADIUS, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION                              |
| S52.389K | BENT BONE OF UNSPECIFIED RADIUS, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION  |
| S52.389M | BENT BONE OF UNSPECIFIED RADIUS, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                                   |
| S52.389N | BENT BONE OF UNSPECIFIED RADIUS, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION                       |
| S52.391K | OTHER FRACTURE OF SHAFT OF RADIUS, RIGHT ARM, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                                 |
| S52.391M | OTHER FRACTURE OF SHAFT OF RADIUS, RIGHT ARM, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                      |
| S52.391N | OTHER FRACTURE OF SHAFT OF RADIUS, RIGHT ARM, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION          |
| S52.392K | OTHER FRACTURE OF SHAFT OF RADIUS, LEFT ARM, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                                  |
| S52.392M | OTHER FRACTURE OF SHAFT OF RADIUS, LEFT ARM, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                       |
| S52.392N | OTHER FRACTURE OF SHAFT OF RADIUS, LEFT ARM, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION           |
| S52.399K | OTHER FRACTURE OF SHAFT OF RADIUS, UNSPECIFIED ARM, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                           |
| S52.399M | OTHER FRACTURE OF SHAFT OF RADIUS, UNSPECIFIED ARM, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                |
| S52.399N | OTHER FRACTURE OF SHAFT OF RADIUS, UNSPECIFIED ARM, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION    |
| S52.501K | UNSPECIFIED FRACTURE OF THE LOWER END OF RIGHT RADIUS, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                        |
| S52.501M | UNSPECIFIED FRACTURE OF THE LOWER END OF RIGHT RADIUS, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION             |
| S52.501N | UNSPECIFIED FRACTURE OF THE LOWER END OF RIGHT RADIUS, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION |
| S52.502K | UNSPECIFIED FRACTURE OF THE LOWER END OF LEFT RADIUS, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                         |
| S52.502M | UNSPECIFIED FRACTURE OF THE LOWER END OF LEFT RADIUS, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION              |
| S52.502N | UNSPECIFIED FRACTURE OF THE LOWER END OF LEFT RADIUS, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION  |
| S52.509K | UNSPECIFIED FRACTURE OF THE LOWER END OF UNSPECIFIED RADIUS, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                  |
| S52.509M | UNSPECIFIED FRACTURE OF THE LOWER END OF UNSPECIFIED RADIUS, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION       |

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| S52.509N | UNSPECIFIED FRACTURE OF THE LOWER END OF UNSPECIFIED RADIUS, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION |
| S52.511K | DISPLACED FRACTURE OF RIGHT RADIAL STYLOID PROCESS, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                                 |
| S52.511M | DISPLACED FRACTURE OF RIGHT RADIAL STYLOID PROCESS, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                      |
| S52.511N | DISPLACED FRACTURE OF RIGHT RADIAL STYLOID PROCESS, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION          |
| S52.512K | DISPLACED FRACTURE OF LEFT RADIAL STYLOID PROCESS, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                                  |
| S52.512M | DISPLACED FRACTURE OF LEFT RADIAL STYLOID PROCESS, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                       |
| S52.512N | DISPLACED FRACTURE OF LEFT RADIAL STYLOID PROCESS, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION           |
| S52.513K | DISPLACED FRACTURE OF UNSPECIFIED RADIAL STYLOID PROCESS, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                           |
| S52.513M | DISPLACED FRACTURE OF UNSPECIFIED RADIAL STYLOID PROCESS, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                |
| S52.513N | DISPLACED FRACTURE OF UNSPECIFIED RADIAL STYLOID PROCESS, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION    |
| S52.514K | NONDISPLACED FRACTURE OF RIGHT RADIAL STYLOID PROCESS, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                              |
| S52.514M | NONDISPLACED FRACTURE OF RIGHT RADIAL STYLOID PROCESS, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                   |
| S52.514N | NONDISPLACED FRACTURE OF RIGHT RADIAL STYLOID PROCESS, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION       |
| S52.515K | NONDISPLACED FRACTURE OF LEFT RADIAL STYLOID PROCESS, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                               |
| S52.515M | NONDISPLACED FRACTURE OF LEFT RADIAL STYLOID PROCESS, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                    |
| S52.515N | NONDISPLACED FRACTURE OF LEFT RADIAL STYLOID PROCESS, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION        |
| S52.516K | NONDISPLACED FRACTURE OF UNSPECIFIED RADIAL STYLOID PROCESS, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                        |
| S52.516M | NONDISPLACED FRACTURE OF UNSPECIFIED RADIAL STYLOID PROCESS, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION             |
| S52.516N | NONDISPLACED FRACTURE OF UNSPECIFIED RADIAL STYLOID PROCESS, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION |
| S52.521K | TORUS FRACTURE OF LOWER END OF RIGHT RADIUS, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION   |
| S52.522K | TORUS FRACTURE OF LOWER END OF LEFT RADIUS, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION  |
| S52.529K | TORUS FRACTURE OF LOWER END OF UNSPECIFIED RADIUS, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION   |
| S52.531K | COLLES' FRACTURE OF RIGHT RADIUS, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION   |
| S52.531M | COLLES' FRACTURE OF RIGHT RADIUS, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION  |
| S52.531N | COLLES' FRACTURE OF RIGHT RADIUS, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION                            |
| S52.532K | COLLES' FRACTURE OF LEFT RADIUS, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION  |
| S52.532M | COLLES' FRACTURE OF LEFT RADIUS, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION   |
| S52.532N | COLLES' FRACTURE OF LEFT RADIUS, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION                             |
| S52.539K | COLLES' FRACTURE OF UNSPECIFIED RADIUS, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION   |

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| S52.539M | COLLES' FRACTURE OF UNSPECIFIED RADIUS, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                                       |
| S52.539N | COLLES' FRACTURE OF UNSPECIFIED RADIUS, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION                           |
| S52.541K | SMITH'S FRACTURE OF RIGHT RADIUS, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION  |
| S52.541M | SMITH'S FRACTURE OF RIGHT RADIUS, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION   |
| S52.541N | SMITH'S FRACTURE OF RIGHT RADIUS, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION                                 |
| S52.542K | SMITH'S FRACTURE OF LEFT RADIUS, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION   |
| S52.542M | SMITH'S FRACTURE OF LEFT RADIUS, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION  |
| S52.542N | SMITH'S FRACTURE OF LEFT RADIUS, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION                                  |
| S52.549K | SMITH'S FRACTURE OF UNSPECIFIED RADIUS, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION  |
| S52.549M | SMITH'S FRACTURE OF UNSPECIFIED RADIUS, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                                       |
| S52.549N | SMITH'S FRACTURE OF UNSPECIFIED RADIUS, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION                           |
| S52.551K | OTHER EXTRAARTICULAR FRACTURE OF LOWER END OF RIGHT RADIUS, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                              |
| S52.551M | OTHER EXTRAARTICULAR FRACTURE OF LOWER END OF RIGHT RADIUS, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                   |
| S52.551N | OTHER EXTRAARTICULAR FRACTURE OF LOWER END OF RIGHT RADIUS, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION       |
| S52.552K | OTHER EXTRAARTICULAR FRACTURE OF LOWER END OF LEFT RADIUS, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                               |
| S52.552M | OTHER EXTRAARTICULAR FRACTURE OF LOWER END OF LEFT RADIUS, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                    |
| S52.552N | OTHER EXTRAARTICULAR FRACTURE OF LOWER END OF LEFT RADIUS, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION        |
| S52.559K | OTHER EXTRAARTICULAR FRACTURE OF LOWER END OF UNSPECIFIED RADIUS, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                        |
| S52.559M | OTHER EXTRAARTICULAR FRACTURE OF LOWER END OF UNSPECIFIED RADIUS, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION             |
| S52.559N | OTHER EXTRAARTICULAR FRACTURE OF LOWER END OF UNSPECIFIED RADIUS, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION |
| S52.561K | BARTON'S FRACTURE OF RIGHT RADIUS, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION   |
| S52.561M | BARTON'S FRACTURE OF RIGHT RADIUS, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION  |
| S52.561N | BARTON'S FRACTURE OF RIGHT RADIUS, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION                                |
| S52.562K | BARTON'S FRACTURE OF LEFT RADIUS, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION  |
| S52.562M | BARTON'S FRACTURE OF LEFT RADIUS, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION   |
| S52.562N | BARTON'S FRACTURE OF LEFT RADIUS, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION                                 |
| S52.569K | BARTON'S FRACTURE OF UNSPECIFIED RADIUS, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION   |
| S52.569M | BARTON'S FRACTURE OF UNSPECIFIED RADIUS, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                                      |
| S52.569N | BARTON'S FRACTURE OF UNSPECIFIED RADIUS, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION                          |

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| S52.571K | OTHER INTRAARTICULAR FRACTURE OF LOWER END OF RIGHT RADIUS, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                              |
| S52.571M | OTHER INTRAARTICULAR FRACTURE OF LOWER END OF RIGHT RADIUS, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                   |
| S52.571N | OTHER INTRAARTICULAR FRACTURE OF LOWER END OF RIGHT RADIUS, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION       |
| S52.572K | OTHER INTRAARTICULAR FRACTURE OF LOWER END OF LEFT RADIUS, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                               |
| S52.572M | OTHER INTRAARTICULAR FRACTURE OF LOWER END OF LEFT RADIUS, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                    |
| S52.572N | OTHER INTRAARTICULAR FRACTURE OF LOWER END OF LEFT RADIUS, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION        |
| S52.579K | OTHER INTRAARTICULAR FRACTURE OF LOWER END OF UNSPECIFIED RADIUS, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                        |
| S52.579M | OTHER INTRAARTICULAR FRACTURE OF LOWER END OF UNSPECIFIED RADIUS, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION             |
| S52.579N | OTHER INTRAARTICULAR FRACTURE OF LOWER END OF UNSPECIFIED RADIUS, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION |
| S52.591K | OTHER FRACTURES OF LOWER END OF RIGHT RADIUS, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION  |
| S52.591M | OTHER FRACTURES OF LOWER END OF RIGHT RADIUS, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                                 |
| S52.591N | OTHER FRACTURES OF LOWER END OF RIGHT RADIUS, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION                     |
| S52.592K | OTHER FRACTURES OF LOWER END OF LEFT RADIUS, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION   |
| S52.592M | OTHER FRACTURES OF LOWER END OF LEFT RADIUS, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                                  |
| S52.592N | OTHER FRACTURES OF LOWER END OF LEFT RADIUS, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION                      |
| S52.599K | OTHER FRACTURES OF LOWER END OF UNSPECIFIED RADIUS, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                                      |
| S52.599M | OTHER FRACTURES OF LOWER END OF UNSPECIFIED RADIUS, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                           |
| S52.599N | OTHER FRACTURES OF LOWER END OF UNSPECIFIED RADIUS, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION               |
| S52.601K | UNSPECIFIED FRACTURE OF LOWER END OF RIGHT ULNA, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION   |
| S52.601M | UNSPECIFIED FRACTURE OF LOWER END OF RIGHT ULNA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                              |
| S52.601N | UNSPECIFIED FRACTURE OF LOWER END OF RIGHT ULNA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION                  |
| S52.602K | UNSPECIFIED FRACTURE OF LOWER END OF LEFT ULNA, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION  |
| S52.602M | UNSPECIFIED FRACTURE OF LOWER END OF LEFT ULNA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                               |
| S52.602N | UNSPECIFIED FRACTURE OF LOWER END OF LEFT ULNA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION                   |
| S52.609K | UNSPECIFIED FRACTURE OF LOWER END OF UNSPECIFIED ULNA, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                                   |
| S52.609M | UNSPECIFIED FRACTURE OF LOWER END OF UNSPECIFIED ULNA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                        |
| S52.609N | UNSPECIFIED FRACTURE OF LOWER END OF UNSPECIFIED ULNA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION            |
| S52.611K | DISPLACED FRACTURE OF RIGHT ULNA STYLOID PROCESS, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION  |
| S52.611M | DISPLACED FRACTURE OF RIGHT ULNA STYLOID PROCESS, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                             |

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| S52.611N | DISPLACED FRACTURE OF RIGHT ULNA STYLOID PROCESS, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION          |
| S52.612K | DISPLACED FRACTURE OF LEFT ULNA STYLOID PROCESS, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                                  |
| S52.612M | DISPLACED FRACTURE OF LEFT ULNA STYLOID PROCESS, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                       |
| S52.612N | DISPLACED FRACTURE OF LEFT ULNA STYLOID PROCESS, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION           |
| S52.613K | DISPLACED FRACTURE OF UNSPECIFIED ULNA STYLOID PROCESS, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                           |
| S52.613M | DISPLACED FRACTURE OF UNSPECIFIED ULNA STYLOID PROCESS, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                |
| S52.613N | DISPLACED FRACTURE OF UNSPECIFIED ULNA STYLOID PROCESS, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION    |
| S52.614K | NONDISPLACED FRACTURE OF RIGHT ULNA STYLOID PROCESS, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                              |
| S52.614M | NONDISPLACED FRACTURE OF RIGHT ULNA STYLOID PROCESS, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                   |
| S52.614N | NONDISPLACED FRACTURE OF RIGHT ULNA STYLOID PROCESS, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION       |
| S52.615K | NONDISPLACED FRACTURE OF LEFT ULNA STYLOID PROCESS, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                               |
| S52.615M | NONDISPLACED FRACTURE OF LEFT ULNA STYLOID PROCESS, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                    |
| S52.615N | NONDISPLACED FRACTURE OF LEFT ULNA STYLOID PROCESS, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION        |
| S52.616K | NONDISPLACED FRACTURE OF UNSPECIFIED ULNA STYLOID PROCESS, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                        |
| S52.616M | NONDISPLACED FRACTURE OF UNSPECIFIED ULNA STYLOID PROCESS, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION             |
| S52.616N | NONDISPLACED FRACTURE OF UNSPECIFIED ULNA STYLOID PROCESS, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION |
| S52.621K | TORUS FRACTURE OF LOWER END OF RIGHT ULNA, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION   |
| S52.622K | TORUS FRACTURE OF LOWER END OF LEFT ULNA, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION  |
| S52.629K | TORUS FRACTURE OF LOWER END OF UNSPECIFIED ULNA, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION   |
| S52.691K | OTHER FRACTURE OF LOWER END OF RIGHT ULNA, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION  |
| S52.691M | OTHER FRACTURE OF LOWER END OF RIGHT ULNA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                             |
| S52.691N | OTHER FRACTURE OF LOWER END OF RIGHT ULNA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION                 |
| S52.692K | OTHER FRACTURE OF LOWER END OF LEFT ULNA, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION   |
| S52.692M | OTHER FRACTURE OF LOWER END OF LEFT ULNA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                              |
| S52.692N | OTHER FRACTURE OF LOWER END OF LEFT ULNA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION                  |
| S52.699K | OTHER FRACTURE OF LOWER END OF UNSPECIFIED ULNA, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                                  |
| S52.699M | OTHER FRACTURE OF LOWER END OF UNSPECIFIED ULNA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                       |
| S52.699N | OTHER FRACTURE OF LOWER END OF UNSPECIFIED ULNA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION           |
| S59.001K | UNSPECIFIED PHYSEAL FRACTURE OF LOWER END OF ULNA, RIGHT ARM, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                            |

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| S59.002K | UNSPECIFIED PHYSEAL FRACTURE OF LOWER END OF ULNA, LEFT ARM, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                     |
| S59.009K | UNSPECIFIED PHYSEAL FRACTURE OF LOWER END OF ULNA, UNSPECIFIED ARM, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION              |
| S59.011K | SALTER-HARRIS TYPE I PHYSEAL FRACTURE OF LOWER END OF ULNA, RIGHT ARM, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION           |
| S59.012K | SALTER-HARRIS TYPE I PHYSEAL FRACTURE OF LOWER END OF ULNA, LEFT ARM, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION            |
| S59.019K | SALTER-HARRIS TYPE I PHYSEAL FRACTURE OF LOWER END OF ULNA, UNSPECIFIED ARM, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION     |
| S59.021K | SALTER-HARRIS TYPE II PHYSEAL FRACTURE OF LOWER END OF ULNA, RIGHT ARM, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION          |
| S59.022K | SALTER-HARRIS TYPE II PHYSEAL FRACTURE OF LOWER END OF ULNA, LEFT ARM, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION           |
| S59.029K | SALTER-HARRIS TYPE II PHYSEAL FRACTURE OF LOWER END OF ULNA, UNSPECIFIED ARM, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION    |
| S59.031K | SALTER-HARRIS TYPE III PHYSEAL FRACTURE OF LOWER END OF ULNA, RIGHT ARM, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION         |
| S59.032K | SALTER-HARRIS TYPE III PHYSEAL FRACTURE OF LOWER END OF ULNA, LEFT ARM, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION          |
| S59.039K | SALTER-HARRIS TYPE III PHYSEAL FRACTURE OF LOWER END OF ULNA, UNSPECIFIED ARM, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION   |
| S59.041K | SALTER-HARRIS TYPE IV PHYSEAL FRACTURE OF LOWER END OF ULNA, RIGHT ARM, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION          |
| S59.042K | SALTER-HARRIS TYPE IV PHYSEAL FRACTURE OF LOWER END OF ULNA, LEFT ARM, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION           |
| S59.049K | SALTER-HARRIS TYPE IV PHYSEAL FRACTURE OF LOWER END OF ULNA, UNSPECIFIED ARM, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION    |
| S59.091K | OTHER PHYSEAL FRACTURE OF LOWER END OF ULNA, RIGHT ARM, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                          |
| S59.092K | OTHER PHYSEAL FRACTURE OF LOWER END OF ULNA, LEFT ARM, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                           |
| S59.099K | OTHER PHYSEAL FRACTURE OF LOWER END OF ULNA, UNSPECIFIED ARM, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                    |
| S59.101K | UNSPECIFIED PHYSEAL FRACTURE OF UPPER END OF RADIUS, RIGHT ARM, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                  |
| S59.102K | UNSPECIFIED PHYSEAL FRACTURE OF UPPER END OF RADIUS, LEFT ARM, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                   |
| S59.109K | UNSPECIFIED PHYSEAL FRACTURE OF UPPER END OF RADIUS, UNSPECIFIED ARM, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION            |
| S59.111K | SALTER-HARRIS TYPE I PHYSEAL FRACTURE OF UPPER END OF RADIUS, RIGHT ARM, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION         |
| S59.112K | SALTER-HARRIS TYPE I PHYSEAL FRACTURE OF UPPER END OF RADIUS, LEFT ARM, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION          |
| S59.119K | SALTER-HARRIS TYPE I PHYSEAL FRACTURE OF UPPER END OF RADIUS, UNSPECIFIED ARM, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION   |
| S59.121K | SALTER-HARRIS TYPE II PHYSEAL FRACTURE OF UPPER END OF RADIUS, RIGHT ARM, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION        |
| S59.122K | SALTER-HARRIS TYPE II PHYSEAL FRACTURE OF UPPER END OF RADIUS, LEFT ARM, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION         |
| S59.129K | SALTER-HARRIS TYPE II PHYSEAL FRACTURE OF UPPER END OF RADIUS, UNSPECIFIED ARM, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION  |
| S59.131K | SALTER-HARRIS TYPE III PHYSEAL FRACTURE OF UPPER END OF RADIUS, RIGHT ARM, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION       |
| S59.132K | SALTER-HARRIS TYPE III PHYSEAL FRACTURE OF UPPER END OF RADIUS, LEFT ARM, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION        |
| S59.139K | SALTER-HARRIS TYPE III PHYSEAL FRACTURE OF UPPER END OF RADIUS, UNSPECIFIED ARM, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION |

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| S59.141K | SALTER-HARRIS TYPE IV PHYSEAL FRACTURE OF UPPER END OF RADIUS, RIGHT ARM, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION        |
| S59.142K | SALTER-HARRIS TYPE IV PHYSEAL FRACTURE OF UPPER END OF RADIUS, LEFT ARM, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION         |
| S59.149K | SALTER-HARRIS TYPE IV PHYSEAL FRACTURE OF UPPER END OF RADIUS, UNSPECIFIED ARM, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION  |
| S59.191K | OTHER PHYSEAL FRACTURE OF UPPER END OF RADIUS, RIGHT ARM, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                        |
| S59.192K | OTHER PHYSEAL FRACTURE OF UPPER END OF RADIUS, LEFT ARM, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                         |
| S59.199K | OTHER PHYSEAL FRACTURE OF UPPER END OF RADIUS, UNSPECIFIED ARM, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                  |
| S59.201K | UNSPECIFIED PHYSEAL FRACTURE OF LOWER END OF RADIUS, RIGHT ARM, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                  |
| S59.202K | UNSPECIFIED PHYSEAL FRACTURE OF LOWER END OF RADIUS, LEFT ARM, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                   |
| S59.209K | UNSPECIFIED PHYSEAL FRACTURE OF LOWER END OF RADIUS, UNSPECIFIED ARM, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION            |
| S59.211K | SALTER-HARRIS TYPE I PHYSEAL FRACTURE OF LOWER END OF RADIUS, RIGHT ARM, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION         |
| S59.212K | SALTER-HARRIS TYPE I PHYSEAL FRACTURE OF LOWER END OF RADIUS, LEFT ARM, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION          |
| S59.219K | SALTER-HARRIS TYPE I PHYSEAL FRACTURE OF LOWER END OF RADIUS, UNSPECIFIED ARM, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION   |
| S59.221K | SALTER-HARRIS TYPE II PHYSEAL FRACTURE OF LOWER END OF RADIUS, RIGHT ARM, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION        |
| S59.222K | SALTER-HARRIS TYPE II PHYSEAL FRACTURE OF LOWER END OF RADIUS, LEFT ARM, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION         |
| S59.229K | SALTER-HARRIS TYPE II PHYSEAL FRACTURE OF LOWER END OF RADIUS, UNSPECIFIED ARM, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION  |
| S59.231K | SALTER-HARRIS TYPE III PHYSEAL FRACTURE OF LOWER END OF RADIUS, RIGHT ARM, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION       |
| S59.232K | SALTER-HARRIS TYPE III PHYSEAL FRACTURE OF LOWER END OF RADIUS, LEFT ARM, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION        |
| S59.239K | SALTER-HARRIS TYPE III PHYSEAL FRACTURE OF LOWER END OF RADIUS, UNSPECIFIED ARM, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION |
| S59.241K | SALTER-HARRIS TYPE IV PHYSEAL FRACTURE OF LOWER END OF RADIUS, RIGHT ARM, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION        |
| S59.242K | SALTER-HARRIS TYPE IV PHYSEAL FRACTURE OF LOWER END OF RADIUS, LEFT ARM, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION         |
| S59.249K | SALTER-HARRIS TYPE IV PHYSEAL FRACTURE OF LOWER END OF RADIUS, UNSPECIFIED ARM, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION  |
| S59.291K | OTHER PHYSEAL FRACTURE OF LOWER END OF RADIUS, RIGHT ARM, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                        |
| S59.292K | OTHER PHYSEAL FRACTURE OF LOWER END OF RADIUS, LEFT ARM, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                         |
| S59.299K | OTHER PHYSEAL FRACTURE OF LOWER END OF RADIUS, UNSPECIFIED ARM, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                  |
| S62.001K | UNSPECIFIED FRACTURE OF NAVICULAR [SCAPHOID] BONE OF RIGHT WRIST, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                |
| S62.002K | UNSPECIFIED FRACTURE OF NAVICULAR [SCAPHOID] BONE OF LEFT WRIST, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                 |
| S62.009K | UNSPECIFIED FRACTURE OF NAVICULAR [SCAPHOID] BONE OF UNSPECIFIED WRIST, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION          |
| S62.011K | DISPLACED FRACTURE OF DISTAL POLE OF NAVICULAR [SCAPHOID] BONE OF RIGHT WRIST, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION   |
| S62.012K | DISPLACED FRACTURE OF DISTAL POLE OF NAVICULAR [SCAPHOID] BONE OF LEFT WRIST, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION    |



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| S62.013K | DISPLACED FRACTURE OF DISTAL POLE OF NAVICULAR [SCAPHOID] BONE OF UNSPECIFIED WRIST, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION       |
| S62.014K | NONDISPLACED FRACTURE OF DISTAL POLE OF NAVICULAR [SCAPHOID] BONE OF RIGHT WRIST, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION          |
| S62.015K | NONDISPLACED FRACTURE OF DISTAL POLE OF NAVICULAR [SCAPHOID] BONE OF LEFT WRIST, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION           |
| S62.016K | NONDISPLACED FRACTURE OF DISTAL POLE OF NAVICULAR [SCAPHOID] BONE OF UNSPECIFIED WRIST, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION    |
| S62.021K | DISPLACED FRACTURE OF MIDDLE THIRD OF NAVICULAR [SCAPHOID] BONE OF RIGHT WRIST, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION            |
| S62.022K | DISPLACED FRACTURE OF MIDDLE THIRD OF NAVICULAR [SCAPHOID] BONE OF LEFT WRIST, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION             |
| S62.023K | DISPLACED FRACTURE OF MIDDLE THIRD OF NAVICULAR [SCAPHOID] BONE OF UNSPECIFIED WRIST, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION      |
| S62.024K | NONDISPLACED FRACTURE OF MIDDLE THIRD OF NAVICULAR [SCAPHOID] BONE OF RIGHT WRIST, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION         |
| S62.025K | NONDISPLACED FRACTURE OF MIDDLE THIRD OF NAVICULAR [SCAPHOID] BONE OF LEFT WRIST, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION          |
| S62.026K | NONDISPLACED FRACTURE OF MIDDLE THIRD OF NAVICULAR [SCAPHOID] BONE OF UNSPECIFIED WRIST, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION   |
| S62.031K | DISPLACED FRACTURE OF PROXIMAL THIRD OF NAVICULAR [SCAPHOID] BONE OF RIGHT WRIST, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION          |
| S62.032K | DISPLACED FRACTURE OF PROXIMAL THIRD OF NAVICULAR [SCAPHOID] BONE OF LEFT WRIST, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION           |
| S62.033K | DISPLACED FRACTURE OF PROXIMAL THIRD OF NAVICULAR [SCAPHOID] BONE OF UNSPECIFIED WRIST, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION    |
| S62.034K | NONDISPLACED FRACTURE OF PROXIMAL THIRD OF NAVICULAR [SCAPHOID] BONE OF RIGHT WRIST, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION       |
| S62.035K | NONDISPLACED FRACTURE OF PROXIMAL THIRD OF NAVICULAR [SCAPHOID] BONE OF LEFT WRIST, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION        |
| S62.036K | NONDISPLACED FRACTURE OF PROXIMAL THIRD OF NAVICULAR [SCAPHOID] BONE OF UNSPECIFIED WRIST, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION |
| S62.101K | FRACTURE OF UNSPECIFIED CARPAL BONE, RIGHT WRIST, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION  |
| S62.102K | FRACTURE OF UNSPECIFIED CARPAL BONE, UNSPECIFIED WRIST, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                                    |
| S62.109K | FRACTURE OF UNSPECIFIED CARPAL BONE, UNSPECIFIED WRIST, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                                    |
| S62.111K | DISPLACED FRACTURE OF TRIQUETRUM «CUNEIFORM» BONE, RIGHT WRIST, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                            |
| S62.112K | DISPLACED FRACTURE OF TRIQUETRUM «CUNEIFORM» BONE, LEFT WRIST, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                             |
| S62.113K | DISPLACED FRACTURE OF TRIQUETRUM «CUNEIFORM» BONE, UNSPECIFIED WRIST, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                      |
| S62.114K | NONDISPLACED FRACTURE OF TRIQUETRUM «CUNEIFORM» BONE, RIGHT WRIST, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                         |
| S62.115K | NONDISPLACED FRACTURE OF TRIQUETRUM «CUNEIFORM» BONE, LEFT WRIST, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                          |
| S62.116K | NONDISPLACED FRACTURE OF TRIQUETRUM «CUNEIFORM» BONE, UNSPECIFIED WRIST, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                   |
| S62.121K | DISPLACED FRACTURE OF LUNATE «SEMILUNAR», RIGHT WRIST, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                                     |
| S62.122K | DISPLACED FRACTURE OF LUNATE «SEMILUNAR», LEFT WRIST, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                                      |
| S62.123K | DISPLACED FRACTURE OF LUNATE «SEMILUNAR», UNSPECIFIED WRIST, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                               |
| S62.124K | NONDISPLACED FRACTURE OF LUNATE «SEMILUNAR», RIGHT WRIST, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                                  |

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| S62.125K | NONDISPLACED FRACTURE OF LUNATE «SEMILUNAR», LEFT WRIST, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                            |
| S62.126K | NONDISPLACED FRACTURE OF LUNATE «SEMILUNAR», UNSPECIFIED WRIST, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                     |
| S62.131K | DISPLACED FRACTURE OF CAPITATE «OS MAGNUM» BONE, RIGHT WRIST, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                       |
| S62.132K | DISPLACED FRACTURE OF CAPITATE «OS MAGNUM» BONE, LEFT WRIST, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                        |
| S62.133K | DISPLACED FRACTURE OF CAPITATE «OS MAGNUM» BONE, UNSPECIFIED WRIST, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                 |
| S62.134K | NONDISPLACED FRACTURE OF CAPITATE «OS MAGNUM» BONE, RIGHT WRIST, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                    |
| S62.135K | NONDISPLACED FRACTURE OF CAPITATE «OS MAGNUM» BONE, LEFT WRIST, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                     |
| S62.136K | NONDISPLACED FRACTURE OF CAPITATE «OS MAGNUM» BONE, UNSPECIFIED WRIST, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION              |
| S62.141K | DISPLACED FRACTURE OF BODY OF HAMATE «UNCIFORM» BONE, RIGHT WRIST, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                  |
| S62.142K | DISPLACED FRACTURE OF BODY OF HAMATE «UNCIFORM» BONE, LEFT WRIST, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                   |
| S62.143K | DISPLACED FRACTURE OF BODY OF HAMATE «UNCIFORM» BONE, UNSPECIFIED WRIST, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION            |
| S62.144K | NONDISPLACED FRACTURE OF BODY OF HAMATE «UNCIFORM» BONE, RIGHT WRIST, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION               |
| S62.145K | NONDISPLACED FRACTURE OF BODY OF HAMATE «UNCIFORM» BONE, LEFT WRIST, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                |
| S62.146K | NONDISPLACED FRACTURE OF BODY OF HAMATE «UNCIFORM» BONE, UNSPECIFIED WRIST, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION         |
| S62.151K | DISPLACED FRACTURE OF HOOK PROCESS OF HAMATE «UNCIFORM» BONE, RIGHT WRIST, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION          |
| S62.152K | DISPLACED FRACTURE OF HOOK PROCESS OF HAMATE «UNCIFORM» BONE, LEFT WRIST, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION           |
| S62.153K | DISPLACED FRACTURE OF HOOK PROCESS OF HAMATE «UNCIFORM» BONE, UNSPECIFIED WRIST, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION    |
| S62.154K | NONDISPLACED FRACTURE OF HOOK PROCESS OF HAMATE «UNCIFORM» BONE, RIGHT WRIST, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION       |
| S62.155K | NONDISPLACED FRACTURE OF HOOK PROCESS OF HAMATE «UNCIFORM» BONE, LEFT WRIST, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION        |
| S62.156K | NONDISPLACED FRACTURE OF HOOK PROCESS OF HAMATE «UNCIFORM» BONE, UNSPECIFIED WRIST, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION |
| S62.161K | DISPLACED FRACTURE OF PISIFORM, RIGHT WRIST, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION  |
| S62.162K | DISPLACED FRACTURE OF PISIFORM, LEFT WRIST, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION   |
| S62.163K | DISPLACED FRACTURE OF PISIFORM, UNSPECIFIED WRIST, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                                  |
| S62.164K | NONDISPLACED FRACTURE OF PISIFORM, RIGHT WRIST, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                                     |
| S62.165K | NONDISPLACED FRACTURE OF PISIFORM, LEFT WRIST, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                                      |
| S62.166K | NONDISPLACED FRACTURE OF PISIFORM, UNSPECIFIED WRIST, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                               |
| S62.171K | DISPLACED FRACTURE OF TRAPEZIUM «LARGER MULTANGULAR», RIGHT WRIST, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                  |
| S62.172K | DISPLACED FRACTURE OF TRAPEZIUM «LARGER MULTANGULAR», LEFT WRIST, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                   |
| S62.173K | DISPLACED FRACTURE OF TRAPEZIUM «LARGER MULTANGULAR», UNSPECIFIED WRIST, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION            |

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| S62.174K | NONDISPLACED FRACTURE OF TRAPEZIUM «LARGER MULTANGULAR», RIGHT WRIST, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION           |
| S62.175K | NONDISPLACED FRACTURE OF TRAPEZIUM «LARGER MULTANGULAR», LEFT WRIST, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION            |
| S62.176K | NONDISPLACED FRACTURE OF TRAPEZIUM «LARGER MULTANGULAR», UNSPECIFIED WRIST, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION     |
| S62.181K | DISPLACED FRACTURE OF TRAPEZOID «SMALLER MULTANGULAR», RIGHT WRIST, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION             |
| S62.182K | DISPLACED FRACTURE OF TRAPEZOID «SMALLER MULTANGULAR», LEFT WRIST, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION              |
| S62.183K | DISPLACED FRACTURE OF TRAPEZOID «SMALLER MULTANGULAR», UNSPECIFIED WRIST, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION       |
| S62.184K | NONDISPLACED FRACTURE OF TRAPEZOID «SMALLER MULTANGULAR», RIGHT WRIST, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION          |
| S62.185K | NONDISPLACED FRACTURE OF TRAPEZOID «SMALLER MULTANGULAR», LEFT WRIST, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION           |
| S62.186K | NONDISPLACED FRACTURE OF TRAPEZOID «SMALLER MULTANGULAR», UNSPECIFIED WRIST, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION    |
| S62.201K | UNSPECIFIED FRACTURE OF FIRST METACARPAL BONE, RIGHT HAND, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                      |
| S62.202K | UNSPECIFIED FRACTURE OF FIRST METACARPAL BONE, LEFT HAND, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                       |
| S62.209K | UNSPECIFIED FRACTURE OF FIRST METACARPAL BONE, UNSPECIFIED HAND, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                |
| S62.211K | BENNETT'S FRACTURE, RIGHT HAND, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION   |
| S62.212K | BENNETT'S FRACTURE, LEFT HAND, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION  |
| S62.213K | BENNETT'S FRACTURE, UNSPECIFIED HAND, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION   |
| S62.221K | DISPLACED ROLANDO'S FRACTURE, RIGHT HAND, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                                       |
| S62.222K | DISPLACED ROLANDO'S FRACTURE, LEFT HAND, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION  |
| S62.223K | DISPLACED ROLANDO'S FRACTURE, UNSPECIFIED HAND, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                                 |
| S62.224K | NONDISPLACED ROLANDO'S FRACTURE, RIGHT HAND, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                                    |
| S62.225K | NONDISPLACED ROLANDO'S FRACTURE, LEFT HAND, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                                     |
| S62.226K | NONDISPLACED ROLANDO'S FRACTURE, UNSPECIFIED HAND, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                              |
| S62.231K | OTHER DISPLACED FRACTURE OF BASE OF FIRST METACARPAL BONE, RIGHT HAND, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION          |
| S62.232K | OTHER DISPLACED FRACTURE OF BASE OF FIRST METACARPAL BONE, LEFT HAND, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION           |
| S62.233K | OTHER DISPLACED FRACTURE OF BASE OF FIRST METACARPAL BONE, UNSPECIFIED HAND, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION    |
| S62.234K | OTHER NONDISPLACED FRACTURE OF BASE OF FIRST METACARPAL BONE, RIGHT HAND, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION       |
| S62.235K | OTHER NONDISPLACED FRACTURE OF BASE OF FIRST METACARPAL BONE, LEFT HAND, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION        |
| S62.236K | OTHER NONDISPLACED FRACTURE OF BASE OF FIRST METACARPAL BONE, UNSPECIFIED HAND, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION |
| S62.241K | DISPLACED FRACTURE OF SHAFT OF FIRST METACARPAL BONE, RIGHT HAND, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION               |
| S62.242K | DISPLACED FRACTURE OF SHAFT OF FIRST METACARPAL BONE, LEFT HAND, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                |
| S62.243K | DISPLACED FRACTURE OF SHAFT OF FIRST METACARPAL BONE, UNSPECIFIED HAND, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION         |

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| S62.244K | NONDISPLACED FRACTURE OF SHAFT OF FIRST METACARPAL BONE, RIGHT HAND, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION       |
| S62.245K | NONDISPLACED FRACTURE OF SHAFT OF FIRST METACARPAL BONE, LEFT HAND, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION        |
| S62.246K | NONDISPLACED FRACTURE OF SHAFT OF FIRST METACARPAL BONE, UNSPECIFIED HAND, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION |
| S62.251K | DISPLACED FRACTURE OF NECK OF FIRST METACARPAL BONE, RIGHT HAND, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION           |
| S62.252K | DISPLACED FRACTURE OF NECK OF FIRST METACARPAL BONE, LEFT HAND, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION            |
| S62.253K | DISPLACED FRACTURE OF NECK OF FIRST METACARPAL BONE, UNSPECIFIED HAND, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION     |
| S62.254K | NONDISPLACED FRACTURE OF NECK OF FIRST METACARPAL BONE, RIGHT HAND, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION        |
| S62.255K | NONDISPLACED FRACTURE OF NECK OF FIRST METACARPAL BONE, LEFT HAND, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION         |
| S62.256K | NONDISPLACED FRACTURE OF NECK OF FIRST METACARPAL BONE, UNSPECIFIED HAND, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION  |
| S62.291K | OTHER FRACTURE OF FIRST METACARPAL BONE, RIGHT HAND, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                       |
| S62.292K | OTHER FRACTURE OF FIRST METACARPAL BONE, LEFT HAND, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                        |
| S62.299K | OTHER FRACTURE OF FIRST METACARPAL BONE, UNSPECIFIED HAND, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                 |
| S62.300K | UNSPECIFIED FRACTURE OF SECOND METACARPAL BONE, RIGHT HAND, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                |
| S62.301K | UNSPECIFIED FRACTURE OF SECOND METACARPAL BONE, LEFT HAND, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                 |
| S62.302K | UNSPECIFIED FRACTURE OF THIRD METACARPAL BONE, RIGHT HAND, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                 |
| S62.303K | UNSPECIFIED FRACTURE OF THIRD METACARPAL BONE, LEFT HAND, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                  |
| S62.304K | UNSPECIFIED FRACTURE OF FOURTH METACARPAL BONE, RIGHT HAND, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                |
| S62.305K | UNSPECIFIED FRACTURE OF FOURTH METACARPAL BONE, LEFT HAND, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                 |
| S62.306K | UNSPECIFIED FRACTURE OF FIFTH METACARPAL BONE, RIGHT HAND, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                 |
| S62.307K | UNSPECIFIED FRACTURE OF FIFTH METACARPAL BONE, LEFT HAND, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                  |
| S62.308K | UNSPECIFIED FRACTURE OF OTHER METACARPAL BONE, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                             |
| S62.309K | UNSPECIFIED FRACTURE OF UNSPECIFIED METACARPAL BONE, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                       |
| S62.310K | DISPLACED FRACTURE OF BASE OF SECOND METACARPAL BONE, RIGHT HAND, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION          |
| S62.311K | DISPLACED FRACTURE OF BASE OF SECOND METACARPAL BONE, LEFT HAND, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION           |
| S62.312K | DISPLACED FRACTURE OF BASE OF THIRD METACARPAL BONE, RIGHT HAND, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION           |
| S62.313K | DISPLACED FRACTURE OF BASE OF THIRD METACARPAL BONE, LEFT HAND, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION            |
| S62.314K | DISPLACED FRACTURE OF BASE OF FOURTH METACARPAL BONE, RIGHT HAND, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION          |
| S62.315K | DISPLACED FRACTURE OF BASE OF FOURTH METACARPAL BONE, LEFT HAND, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION           |
| S62.316K | DISPLACED FRACTURE OF BASE OF FIFTH METACARPAL BONE, RIGHT HAND, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION           |

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| S62.317K | DISPLACED FRACTURE OF BASE OF FIFTH METACARPAL BONE, LEFT HAND, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION      |
| S62.318K | DISPLACED FRACTURE OF BASE OF OTHER METACARPAL BONE, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                 |
| S62.319K | DISPLACED FRACTURE OF BASE OF UNSPECIFIED METACARPAL BONE, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION           |
| S62.320K | DISPLACED FRACTURE OF SHAFT OF SECOND METACARPAL BONE, RIGHT HAND, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION   |
| S62.321K | DISPLACED FRACTURE OF SHAFT OF SECOND METACARPAL BONE, LEFT HAND, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION    |
| S62.322K | DISPLACED FRACTURE OF SHAFT OF THIRD METACARPAL BONE, RIGHT HAND, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION    |
| S62.323K | DISPLACED FRACTURE OF SHAFT OF THIRD METACARPAL BONE, LEFT HAND, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION     |
| S62.324K | DISPLACED FRACTURE OF SHAFT OF FOURTH METACARPAL BONE, RIGHT HAND, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION   |
| S62.325K | DISPLACED FRACTURE OF SHAFT OF FOURTH METACARPAL BONE, LEFT HAND, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION    |
| S62.326K | DISPLACED FRACTURE OF SHAFT OF FIFTH METACARPAL BONE, RIGHT HAND, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION    |
| S62.327K | DISPLACED FRACTURE OF SHAFT OF FIFTH METACARPAL BONE, LEFT HAND, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION     |
| S62.328K | DISPLACED FRACTURE OF SHAFT OF OTHER METACARPAL BONE, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                |
| S62.329K | DISPLACED FRACTURE OF SHAFT OF UNSPECIFIED METACARPAL BONE, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION          |
| S62.330K | DISPLACED FRACTURE OF NECK OF SECOND METACARPAL BONE, RIGHT HAND, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION    |
| S62.331K | DISPLACED FRACTURE OF NECK OF SECOND METACARPAL BONE, LEFT HAND, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION     |
| S62.332K | DISPLACED FRACTURE OF NECK OF THIRD METACARPAL BONE, RIGHT HAND, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION     |
| S62.333K | DISPLACED FRACTURE OF NECK OF THIRD METACARPAL BONE, LEFT HAND, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION      |
| S62.334K | DISPLACED FRACTURE OF NECK OF FOURTH METACARPAL BONE, RIGHT HAND, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION    |
| S62.335K | DISPLACED FRACTURE OF NECK OF FOURTH METACARPAL BONE, LEFT HAND, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION     |
| S62.336K | DISPLACED FRACTURE OF NECK OF FIFTH METACARPAL BONE, RIGHT HAND, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION     |
| S62.337K | DISPLACED FRACTURE OF NECK OF FIFTH METACARPAL BONE, LEFT HAND, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION      |
| S62.338K | DISPLACED FRACTURE OF NECK OF OTHER METACARPAL BONE, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                 |
| S62.339K | DISPLACED FRACTURE OF NECK OF UNSPECIFIED METACARPAL BONE, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION           |
| S62.340K | NONDISPLACED FRACTURE OF BASE OF SECOND METACARPAL BONE, RIGHT HAND, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION |
| S62.341K | NONDISPLACED FRACTURE OF BASE OF SECOND METACARPAL BONE, LEFT HAND, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION  |
| S62.342K | NONDISPLACED FRACTURE OF BASE OF THIRD METACARPAL BONE, RIGHT HAND, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION  |
| S62.343K | NONDISPLACED FRACTURE OF BASE OF THIRD METACARPAL BONE, LEFT HAND, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION   |
| S62.344K | NONDISPLACED FRACTURE OF BASE OF FOURTH METACARPAL BONE, RIGHT HAND, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION |
| S62.345K | NONDISPLACED FRACTURE OF BASE OF FOURTH METACARPAL BONE, LEFT HAND, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION  |

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| S62.346K | NONDISPLACED FRACTURE OF BASE OF FIFTH METACARPAL BONE, RIGHT HAND, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION   |
| S62.347K | NONDISPLACED FRACTURE OF BASE OF FIFTH METACARPAL BONE, LEFT HAND, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION    |
| S62.348K | NONDISPLACED FRACTURE OF BASE OF OTHER METACARPAL BONE, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION               |
| S62.349K | NONDISPLACED FRACTURE OF BASE OF UNSPECIFIED METACARPAL BONE, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION         |
| S62.350K | NONDISPLACED FRACTURE OF SHAFT OF SECOND METACARPAL BONE, RIGHT HAND, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION |
| S62.351K | NONDISPLACED FRACTURE OF SHAFT OF SECOND METACARPAL BONE, LEFT HAND, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION  |
| S62.352K | NONDISPLACED FRACTURE OF SHAFT OF THIRD METACARPAL BONE, RIGHT HAND, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION  |
| S62.353K | NONDISPLACED FRACTURE OF SHAFT OF THIRD METACARPAL BONE, LEFT HAND, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION   |
| S62.354K | NONDISPLACED FRACTURE OF SHAFT OF FOURTH METACARPAL BONE, RIGHT HAND, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION |
| S62.355K | NONDISPLACED FRACTURE OF SHAFT OF FOURTH METACARPAL BONE, LEFT HAND, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION  |
| S62.356K | NONDISPLACED FRACTURE OF SHAFT OF FIFTH METACARPAL BONE, RIGHT HAND, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION  |
| S62.357K | NONDISPLACED FRACTURE OF SHAFT OF FIFTH METACARPAL BONE, LEFT HAND, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION   |
| S62.358K | NONDISPLACED FRACTURE OF SHAFT OF OTHER METACARPAL BONE, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION              |
| S62.359K | NONDISPLACED FRACTURE OF SHAFT OF UNSPECIFIED METACARPAL BONE, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION        |
| S62.360K | NONDISPLACED FRACTURE OF NECK OF SECOND METACARPAL BONE, RIGHT HAND, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION  |
| S62.361K | NONDISPLACED FRACTURE OF NECK OF SECOND METACARPAL BONE, LEFT HAND, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION   |
| S62.362K | NONDISPLACED FRACTURE OF NECK OF THIRD METACARPAL BONE, RIGHT HAND, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION   |
| S62.363K | NONDISPLACED FRACTURE OF NECK OF THIRD METACARPAL BONE, LEFT HAND, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION    |
| S62.364K | NONDISPLACED FRACTURE OF NECK OF FOURTH METACARPAL BONE, RIGHT HAND, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION  |
| S62.365K | NONDISPLACED FRACTURE OF NECK OF FOURTH METACARPAL BONE, LEFT HAND, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION   |
| S62.366K | NONDISPLACED FRACTURE OF NECK OF FIFTH METACARPAL BONE, RIGHT HAND, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION   |
| S62.367K | NONDISPLACED FRACTURE OF NECK OF FIFTH METACARPAL BONE, LEFT HAND, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION    |
| S62.368K | NONDISPLACED FRACTURE OF NECK OF OTHER METACARPAL BONE, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION               |
| S62.369K | NONDISPLACED FRACTURE OF NECK OF UNSPECIFIED METACARPAL BONE, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION         |
| S62.390K | OTHER FRACTURE OF SECOND METACARPAL BONE, RIGHT HAND, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                 |
| S62.391K | OTHER FRACTURE OF SECOND METACARPAL BONE, LEFT HAND, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                  |
| S62.392K | OTHER FRACTURE OF THIRD METACARPAL BONE, RIGHT HAND, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                  |
| S62.393K | OTHER FRACTURE OF THIRD METACARPAL BONE, LEFT HAND, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                   |
| S62.394K | OTHER FRACTURE OF FOURTH METACARPAL BONE, RIGHT HAND, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                 |

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| S62.395K | OTHER FRACTURE OF FOURTH METACARPAL BONE, LEFT HAND, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION            |
| S62.396K | OTHER FRACTURE OF FIFTH METACARPAL BONE, RIGHT HAND, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION            |
| S62.397K | OTHER FRACTURE OF FIFTH METACARPAL BONE, LEFT HAND, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION             |
| S62.398K | OTHER FRACTURE OF OTHER METACARPAL BONE, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                        |
| S62.399K | OTHER FRACTURE OF UNSPECIFIED METACARPAL BONE, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                  |
| S62.501K | FRACTURE OF UNSPECIFIED PHALANX OF RIGHT THUMB, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                 |
| S62.502K | FRACTURE OF UNSPECIFIED PHALANX OF LEFT THUMB, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                  |
| S62.509K | FRACTURE OF UNSPECIFIED PHALANX OF UNSPECIFIED THUMB, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION           |
| S62.511K | DISPLACED FRACTURE OF PROXIMAL PHALANX OF RIGHT THUMB, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION          |
| S62.512K | DISPLACED FRACTURE OF PROXIMAL PHALANX OF LEFT THUMB, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION           |
| S62.513K | DISPLACED FRACTURE OF PROXIMAL PHALANX OF UNSPECIFIED THUMB, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION    |
| S62.514K | NONDISPLACED FRACTURE OF PROXIMAL PHALANX OF RIGHT THUMB, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION       |
| S62.515K | NONDISPLACED FRACTURE OF PROXIMAL PHALANX OF LEFT THUMB, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION        |
| S62.516K | NONDISPLACED FRACTURE OF PROXIMAL PHALANX OF UNSPECIFIED THUMB, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION |
| S62.521K | DISPLACED FRACTURE OF DISTAL PHALANX OF RIGHT THUMB, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION            |
| S62.522K | DISPLACED FRACTURE OF DISTAL PHALANX OF LEFT THUMB, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION             |
| S62.523K | DISPLACED FRACTURE OF DISTAL PHALANX OF UNSPECIFIED THUMB, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION      |
| S62.524K | NONDISPLACED FRACTURE OF DISTAL PHALANX OF RIGHT THUMB, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION         |
| S62.525K | NONDISPLACED FRACTURE OF DISTAL PHALANX OF LEFT THUMB, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION          |
| S62.526K | NONDISPLACED FRACTURE OF DISTAL PHALANX OF UNSPECIFIED THUMB, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION   |
| S62.600K | FRACTURE OF UNSPECIFIED PHALANX OF RIGHT INDEX FINGER, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION          |
| S62.601K | FRACTURE OF UNSPECIFIED PHALANX OF LEFT INDEX FINGER, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION           |
| S62.602K | FRACTURE OF UNSPECIFIED PHALANX OF RIGHT MIDDLE FINGER, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION         |
| S62.603K | FRACTURE OF UNSPECIFIED PHALANX OF LEFT MIDDLE FINGER, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION          |
| S62.604K | FRACTURE OF UNSPECIFIED PHALANX OF RIGHT RING FINGER, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION           |
| S62.605K | FRACTURE OF UNSPECIFIED PHALANX OF LEFT RING FINGER, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION            |
| S62.606K | FRACTURE OF UNSPECIFIED PHALANX OF RIGHT LITTLE FINGER, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION         |
| S62.607K | FRACTURE OF UNSPECIFIED PHALANX OF LEFT LITTLE FINGER, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION          |
| S62.608K | FRACTURE OF UNSPECIFIED PHALANX OF OTHER FINGER, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                |

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| S62.609K | FRACTURE OF UNSPECIFIED PHALANX OF UNSPECIFIED FINGER, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION         |
| S62.610K | DISPLACED FRACTURE OF PROXIMAL PHALANX OF RIGHT INDEX FINGER, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION  |
| S62.611K | DISPLACED FRACTURE OF PROXIMAL PHALANX OF LEFT INDEX FINGER, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION   |
| S62.612K | DISPLACED FRACTURE OF PROXIMAL PHALANX OF RIGHT MIDDLE FINGER, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION |
| S62.613K | DISPLACED FRACTURE OF PROXIMAL PHALANX OF LEFT MIDDLE FINGER, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION  |
| S62.614K | DISPLACED FRACTURE OF PROXIMAL PHALANX OF RIGHT RING FINGER, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION   |
| S62.615K | DISPLACED FRACTURE OF PROXIMAL PHALANX OF LEFT RING FINGER, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION    |
| S62.616K | DISPLACED FRACTURE OF PROXIMAL PHALANX OF RIGHT LITTLE FINGER, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION |
| S62.617K | DISPLACED FRACTURE OF PROXIMAL PHALANX OF LEFT LITTLE FINGER, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION  |
| S62.618K | DISPLACED FRACTURE OF PROXIMAL PHALANX OF OTHER FINGER, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION        |
| S62.619K | DISPLACED FRACTURE OF PROXIMAL PHALANX OF UNSPECIFIED FINGER, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION  |
| S62.620K | DISPLACED FRACTURE OF MIDDLE PHALANX OF RIGHT INDEX FINGER, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION    |
| S62.621K | DISPLACED FRACTURE OF MIDDLE PHALANX OF LEFT INDEX FINGER, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION     |
| S62.622K | DISPLACED FRACTURE OF MIDDLE PHALANX OF RIGHT MIDDLE FINGER, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION   |
| S62.623K | DISPLACED FRACTURE OF MIDDLE PHALANX OF LEFT MIDDLE FINGER, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION    |
| S62.624K | DISPLACED FRACTURE OF MIDDLE PHALANX OF RIGHT RING FINGER, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION     |
| S62.625K | DISPLACED FRACTURE OF MIDDLE PHALANX OF LEFT RING FINGER, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION      |
| S62.626K | DISPLACED FRACTURE OF MEDIAL PHALANX OF RIGHT LITTLE FINGER, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION   |
| S62.627K | DISPLACED FRACTURE OF MEDIAL PHALANX OF LEFT LITTLE FINGER, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION    |
| S62.628K | DISPLACED FRACTURE OF MEDIAL PHALANX OF OTHER FINGER, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION          |
| S62.629K | DISPLACED FRACTURE OF MEDIAL PHALANX OF UNSPECIFIED FINGER, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION    |
| S62.630K | DISPLACED FRACTURE OF DISTAL PHALANX OF RIGHT INDEX FINGER, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION    |
| S62.631K | DISPLACED FRACTURE OF DISTAL PHALANX OF LEFT INDEX FINGER, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION     |
| S62.632K | DISPLACED FRACTURE OF DISTAL PHALANX OF RIGHT MIDDLE FINGER, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION   |
| S62.633K | DISPLACED FRACTURE OF DISTAL PHALANX OF LEFT MIDDLE FINGER, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION    |
| S62.634K | DISPLACED FRACTURE OF DISTAL PHALANX OF RIGHT RING FINGER, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION     |
| S62.635K | DISPLACED FRACTURE OF DISTAL PHALANX OF LEFT RING FINGER, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION      |
| S62.636K | DISPLACED FRACTURE OF DISTAL PHALANX OF RIGHT LITTLE FINGER, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION   |
| S62.637K | DISPLACED FRACTURE OF DISTAL PHALANX OF LEFT LITTLE FINGER, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION    |



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| S62.638K | DISPLACED FRACTURE OF DISTAL PHALANX OF OTHER FINGER, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION             |
| S62.639K | DISPLACED FRACTURE OF DISTAL PHALANX OF UNSPECIFIED FINGER, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION       |
| S62.640K | NONDISPLACED FRACTURE OF PROXIMAL PHALANX OF RIGHT INDEX FINGER, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION  |
| S62.641K | NONDISPLACED FRACTURE OF PROXIMAL PHALANX OF LEFT INDEX FINGER, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION   |
| S62.642K | NONDISPLACED FRACTURE OF PROXIMAL PHALANX OF RIGHT MIDDLE FINGER, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION |
| S62.643K | NONDISPLACED FRACTURE OF PROXIMAL PHALANX OF LEFT MIDDLE FINGER, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION  |
| S62.644K | NONDISPLACED FRACTURE OF PROXIMAL PHALANX OF RIGHT RING FINGER, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION   |
| S62.645K | NONDISPLACED FRACTURE OF PROXIMAL PHALANX OF LEFT RING FINGER, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION    |
| S62.646K | NONDISPLACED FRACTURE OF PROXIMAL PHALANX OF RIGHT LITTLE FINGER, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION |
| S62.647K | NONDISPLACED FRACTURE OF PROXIMAL PHALANX OF LEFT LITTLE FINGER, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION  |
| S62.648K | NONDISPLACED FRACTURE OF PROXIMAL PHALANX OF OTHER FINGER, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION        |
| S62.649K | NONDISPLACED FRACTURE OF PROXIMAL PHALANX OF UNSPECIFIED FINGER, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION  |
| S62.650K | NONDISPLACED FRACTURE OF MIDDLE PHALANX OF RIGHT INDEX FINGER, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION    |
| S62.651K | NONDISPLACED FRACTURE OF MIDDLE PHALANX OF LEFT INDEX FINGER, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION     |
| S62.652K | NONDISPLACED FRACTURE OF MIDDLE PHALANX OF RIGHT MIDDLE FINGER, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION   |
| S62.653K | NONDISPLACED FRACTURE OF MIDDLE PHALANX OF LEFT MIDDLE FINGER, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION    |
| S62.654K | NONDISPLACED FRACTURE OF MEDIAL PHALANX OF RIGHT RING FINGER, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION     |
| S62.655K | NONDISPLACED FRACTURE OF MEDIAL PHALANX OF LEFT RING FINGER, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION      |
| S62.656K | NONDISPLACED FRACTURE OF MEDIAL PHALANX OF RIGHT LITTLE FINGER, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION   |
| S62.657K | NONDISPLACED FRACTURE OF MEDIAL PHALANX OF LEFT LITTLE FINGER, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION    |
| S62.658K | NONDISPLACED FRACTURE OF MEDIAL PHALANX OF OTHER FINGER, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION          |
| S62.659K | NONDISPLACED FRACTURE OF MEDIAL PHALANX OF UNSPECIFIED FINGER, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION    |
| S62.660K | NONDISPLACED FRACTURE OF DISTAL PHALANX OF RIGHT INDEX FINGER, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION    |
| S62.661K | NONDISPLACED FRACTURE OF DISTAL PHALANX OF LEFT INDEX FINGER, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION     |
| S62.662K | NONDISPLACED FRACTURE OF DISTAL PHALANX OF RIGHT MIDDLE FINGER, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION   |
| S62.663K | NONDISPLACED FRACTURE OF DISTAL PHALANX OF LEFT MIDDLE FINGER, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION    |
| S62.664K | NONDISPLACED FRACTURE OF DISTAL PHALANX OF RIGHT RING FINGER, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION     |
| S62.665K | NONDISPLACED FRACTURE OF DISTAL PHALANX OF LEFT RING FINGER, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION      |
| S62.666K | NONDISPLACED FRACTURE OF DISTAL PHALANX OF RIGHT LITTLE FINGER, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION   |

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| S62.667K | NONDISPLACED FRACTURE OF DISTAL PHALANX OF LEFT LITTLE FINGER, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                                     |
| S62.668K | NONDISPLACED FRACTURE OF DISTAL PHALANX OF OTHER FINGER, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION   |
| S62.669K | NONDISPLACED FRACTURE OF DISTAL PHALANX OF UNSPECIFIED FINGER, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                                     |
| S72.001K | FRACTURE OF UNSPECIFIED PART OF NECK OF RIGHT FEMUR, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION  |
| S72.001M | FRACTURE OF UNSPECIFIED PART OF NECK OF RIGHT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                             |
| S72.001N | FRACTURE OF UNSPECIFIED PART OF NECK OF RIGHT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION                 |
| S72.002K | FRACTURE OF UNSPECIFIED PART OF NECK OF LEFT FEMUR, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION   |
| S72.002M | FRACTURE OF UNSPECIFIED PART OF NECK OF LEFT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                              |
| S72.002N | FRACTURE OF UNSPECIFIED PART OF NECK OF LEFT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION                  |
| S72.009K | FRACTURE OF UNSPECIFIED PART OF NECK OF UNSPECIFIED FEMUR, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                                  |
| S72.009M | FRACTURE OF UNSPECIFIED PART OF NECK OF UNSPECIFIED FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                       |
| S72.009N | FRACTURE OF UNSPECIFIED PART OF NECK OF UNSPECIFIED FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION           |
| S72.011K | UNSPECIFIED INTRACAPSULAR FRACTURE OF RIGHT FEMUR, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION  |
| S72.011M | UNSPECIFIED INTRACAPSULAR FRACTURE OF RIGHT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                               |
| S72.011N | UNSPECIFIED INTRACAPSULAR FRACTURE OF RIGHT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION                   |
| S72.012K | UNSPECIFIED INTRACAPSULAR FRACTURE OF LEFT FEMUR, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION   |
| S72.012M | UNSPECIFIED INTRACAPSULAR FRACTURE OF LEFT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                                |
| S72.012N | UNSPECIFIED INTRACAPSULAR FRACTURE OF LEFT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION                    |
| S72.019K | UNSPECIFIED INTRACAPSULAR FRACTURE OF UNSPECIFIED FEMUR, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                                    |
| S72.019M | UNSPECIFIED INTRACAPSULAR FRACTURE OF UNSPECIFIED FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                         |
| S72.019N | UNSPECIFIED INTRACAPSULAR FRACTURE OF UNSPECIFIED FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION             |
| S72.021K | DISPLACED FRACTURE OF EPIPHYSIS (SEPARATION) (UPPER) OF RIGHT FEMUR, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                        |
| S72.021M | DISPLACED FRACTURE OF EPIPHYSIS (SEPARATION) (UPPER) OF RIGHT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION             |
| S72.021N | DISPLACED FRACTURE OF EPIPHYSIS (SEPARATION) (UPPER) OF RIGHT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION |
| S72.022K | DISPLACED FRACTURE OF EPIPHYSIS (SEPARATION) (UPPER) OF LEFT FEMUR, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                         |
| S72.022M | DISPLACED FRACTURE OF EPIPHYSIS (SEPARATION) (UPPER) OF LEFT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION              |
| S72.022N | DISPLACED FRACTURE OF EPIPHYSIS (SEPARATION) (UPPER) OF LEFT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION  |
| S72.023K | DISPLACED FRACTURE OF EPIPHYSIS (SEPARATION) (UPPER) OF UNSPECIFIED FEMUR, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                  |
| S72.023M | DISPLACED FRACTURE OF EPIPHYSIS (SEPARATION) (UPPER) OF UNSPECIFIED FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION       |

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| S72.023N | DISPLACED FRACTURE OF EPIPHYSIS (SEPARATION) (UPPER) OF UNSPECIFIED FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION    |
| S72.024K | NONDISPLACED FRACTURE OF EPIPHYSIS (SEPARATION) (UPPER) OF RIGHT FEMUR, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                              |
| S72.024M | NONDISPLACED FRACTURE OF EPIPHYSIS (SEPARATION) (UPPER) OF RIGHT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                   |
| S72.024N | NONDISPLACED FRACTURE OF EPIPHYSIS (SEPARATION) (UPPER) OF RIGHT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION       |
| S72.025K | NONDISPLACED FRACTURE OF EPIPHYSIS (SEPARATION) (UPPER) OF LEFT FEMUR, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                               |
| S72.025M | NONDISPLACED FRACTURE OF EPIPHYSIS (SEPARATION) (UPPER) OF LEFT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                    |
| S72.025N | NONDISPLACED FRACTURE OF EPIPHYSIS (SEPARATION) (UPPER) OF LEFT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION        |
| S72.026K | NONDISPLACED FRACTURE OF EPIPHYSIS (SEPARATION) (UPPER) OF UNSPECIFIED FEMUR, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                        |
| S72.026M | NONDISPLACED FRACTURE OF EPIPHYSIS (SEPARATION) (UPPER) OF UNSPECIFIED FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION             |
| S72.026N | NONDISPLACED FRACTURE OF EPIPHYSIS (SEPARATION) (UPPER) OF UNSPECIFIED FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION |
| S72.031K | DISPLACED MIDCERVICAL FRACTURE OF RIGHT FEMUR, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION   |
| S72.031M | DISPLACED MIDCERVICAL FRACTURE OF RIGHT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION  |
| S72.031N | DISPLACED MIDCERVICAL FRACTURE OF RIGHT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION                                |
| S72.032K | DISPLACED MIDCERVICAL FRACTURE OF LEFT FEMUR, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION  |
| S72.032M | DISPLACED MIDCERVICAL FRACTURE OF LEFT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION   |
| S72.032N | DISPLACED MIDCERVICAL FRACTURE OF LEFT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION                                 |
| S72.033K | DISPLACED MIDCERVICAL FRACTURE OF UNSPECIFIED FEMUR, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION   |
| S72.033M | DISPLACED MIDCERVICAL FRACTURE OF UNSPECIFIED FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                                      |
| S72.033N | DISPLACED MIDCERVICAL FRACTURE OF UNSPECIFIED FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION                          |
| S72.034K | NONDISPLACED MIDCERVICAL FRACTURE OF RIGHT FEMUR, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION  |
| S72.034M | NONDISPLACED MIDCERVICAL FRACTURE OF RIGHT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION   |
| S72.034N | NONDISPLACED MIDCERVICAL FRACTURE OF RIGHT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION                             |
| S72.035K | NONDISPLACED MIDCERVICAL FRACTURE OF LEFT FEMUR, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION   |
| S72.035M | NONDISPLACED MIDCERVICAL FRACTURE OF LEFT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION  |
| S72.035N | NONDISPLACED MIDCERVICAL FRACTURE OF LEFT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION                              |
| S72.036K | NONDISPLACED MIDCERVICAL FRACTURE OF UNSPECIFIED FEMUR, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION  |
| S72.036M | NONDISPLACED MIDCERVICAL FRACTURE OF UNSPECIFIED FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                                   |
| S72.036N | NONDISPLACED MIDCERVICAL FRACTURE OF UNSPECIFIED FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION                       |
| S72.041K | DISPLACED FRACTURE OF BASE OF NECK OF RIGHT FEMUR, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION   |

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| S72.041M | DISPLACED FRACTURE OF BASE OF NECK OF RIGHT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                      |
| S72.041N | DISPLACED FRACTURE OF BASE OF NECK OF RIGHT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION          |
| S72.042K | DISPLACED FRACTURE OF BASE OF NECK OF LEFT FEMUR, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                                  |
| S72.042M | DISPLACED FRACTURE OF BASE OF NECK OF LEFT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                       |
| S72.042N | DISPLACED FRACTURE OF BASE OF NECK OF LEFT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION           |
| S72.043K | DISPLACED FRACTURE OF BASE OF NECK OF UNSPECIFIED FEMUR, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                           |
| S72.043M | DISPLACED FRACTURE OF BASE OF NECK OF UNSPECIFIED FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                |
| S72.043N | DISPLACED FRACTURE OF BASE OF NECK OF UNSPECIFIED FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION    |
| S72.044K | NONDISPLACED FRACTURE OF BASE OF NECK OF RIGHT FEMUR, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                              |
| S72.044M | NONDISPLACED FRACTURE OF BASE OF NECK OF RIGHT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                   |
| S72.044N | NONDISPLACED FRACTURE OF BASE OF NECK OF RIGHT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION       |
| S72.045K | NONDISPLACED FRACTURE OF BASE OF NECK OF LEFT FEMUR, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                               |
| S72.045M | NONDISPLACED FRACTURE OF BASE OF NECK OF LEFT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                    |
| S72.045N | NONDISPLACED FRACTURE OF BASE OF NECK OF LEFT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION        |
| S72.046K | NONDISPLACED FRACTURE OF BASE OF NECK OF UNSPECIFIED FEMUR, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                        |
| S72.046M | NONDISPLACED FRACTURE OF BASE OF NECK OF UNSPECIFIED FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION             |
| S72.046N | NONDISPLACED FRACTURE OF BASE OF NECK OF UNSPECIFIED FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION |
| S72.051K | UNSPECIFIED FRACTURE OF HEAD OF RIGHT FEMUR, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                                       |
| S72.051M | UNSPECIFIED FRACTURE OF HEAD OF RIGHT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                            |
| S72.051N | UNSPECIFIED FRACTURE OF HEAD OF RIGHT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION                |
| S72.052K | UNSPECIFIED FRACTURE OF HEAD OF LEFT FEMUR, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION  |
| S72.052M | UNSPECIFIED FRACTURE OF HEAD OF LEFT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                             |
| S72.052N | UNSPECIFIED FRACTURE OF HEAD OF LEFT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION                 |
| S72.059K | UNSPECIFIED FRACTURE OF HEAD OF UNSPECIFIED FEMUR, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                                 |
| S72.059M | UNSPECIFIED FRACTURE OF HEAD OF UNSPECIFIED FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                      |
| S72.059N | UNSPECIFIED FRACTURE OF HEAD OF UNSPECIFIED FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION          |
| S72.061K | DISPLACED ARTICULAR FRACTURE OF HEAD OF RIGHT FEMUR, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                               |
| S72.061M | DISPLACED ARTICULAR FRACTURE OF HEAD OF RIGHT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                    |
| S72.061N | DISPLACED ARTICULAR FRACTURE OF HEAD OF RIGHT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION        |

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| S72.062K | DISPLACED ARTICULAR FRACTURE OF HEAD OF LEFT FEMUR, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                                  |
| S72.062M | DISPLACED ARTICULAR FRACTURE OF HEAD OF LEFT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                       |
| S72.062N | DISPLACED ARTICULAR FRACTURE OF HEAD OF LEFT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION           |
| S72.063K | DISPLACED ARTICULAR FRACTURE OF HEAD OF UNSPECIFIED FEMUR, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                           |
| S72.063M | DISPLACED ARTICULAR FRACTURE OF HEAD OF UNSPECIFIED FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                |
| S72.063N | DISPLACED ARTICULAR FRACTURE OF HEAD OF UNSPECIFIED FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION    |
| S72.064K | NONDISPLACED ARTICULAR FRACTURE OF HEAD OF RIGHT FEMUR, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                              |
| S72.064M | NONDISPLACED ARTICULAR FRACTURE OF HEAD OF RIGHT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                   |
| S72.064N | NONDISPLACED ARTICULAR FRACTURE OF HEAD OF RIGHT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION       |
| S72.065K | NONDISPLACED ARTICULAR FRACTURE OF HEAD OF LEFT FEMUR, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                               |
| S72.065M | NONDISPLACED ARTICULAR FRACTURE OF HEAD OF LEFT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                    |
| S72.065N | NONDISPLACED ARTICULAR FRACTURE OF HEAD OF LEFT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION        |
| S72.066K | NONDISPLACED ARTICULAR FRACTURE OF HEAD OF UNSPECIFIED FEMUR, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                        |
| S72.066M | NONDISPLACED ARTICULAR FRACTURE OF HEAD OF UNSPECIFIED FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION             |
| S72.066N | NONDISPLACED ARTICULAR FRACTURE OF HEAD OF UNSPECIFIED FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION |
| S72.091K | OTHER FRACTURE OF HEAD AND NECK OF RIGHT FEMUR, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                                      |
| S72.091M | OTHER FRACTURE OF HEAD AND NECK OF RIGHT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                           |
| S72.091N | OTHER FRACTURE OF HEAD AND NECK OF RIGHT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION               |
| S72.092K | OTHER FRACTURE OF HEAD AND NECK OF LEFT FEMUR, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                                       |
| S72.092M | OTHER FRACTURE OF HEAD AND NECK OF LEFT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                            |
| S72.092N | OTHER FRACTURE OF HEAD AND NECK OF LEFT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION                |
| S72.099K | OTHER FRACTURE OF HEAD AND NECK OF UNSPECIFIED FEMUR, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                                |
| S72.099M | OTHER FRACTURE OF HEAD AND NECK OF UNSPECIFIED FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                     |
| S72.099N | OTHER FRACTURE OF HEAD AND NECK OF UNSPECIFIED FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION         |
| S72.101K | UNSPECIFIED TROCHANTERIC FRACTURE OF RIGHT FEMUR, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                                    |
| S72.101M | UNSPECIFIED TROCHANTERIC FRACTURE OF RIGHT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                         |
| S72.101N | UNSPECIFIED TROCHANTERIC FRACTURE OF RIGHT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION             |
| S72.102K | UNSPECIFIED TROCHANTERIC FRACTURE OF LEFT FEMUR, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                                     |
| S72.102M | UNSPECIFIED TROCHANTERIC FRACTURE OF LEFT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                          |

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| S72.102N | UNSPECIFIED TROCHANTERIC FRACTURE OF LEFT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION                  |
| S72.109K | UNSPECIFIED TROCHANTERIC FRACTURE OF UNSPECIFIED FEMUR, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                                  |
| S72.109M | UNSPECIFIED TROCHANTERIC FRACTURE OF UNSPECIFIED FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                       |
| S72.109N | UNSPECIFIED TROCHANTERIC FRACTURE OF UNSPECIFIED FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION           |
| S72.111K | DISPLACED FRACTURE OF GREATER TROCHANTER OF RIGHT FEMUR, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                                 |
| S72.111M | DISPLACED FRACTURE OF GREATER TROCHANTER OF RIGHT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                      |
| S72.111N | DISPLACED FRACTURE OF GREATER TROCHANTER OF RIGHT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION          |
| S72.112K | DISPLACED FRACTURE OF GREATER TROCHANTER OF LEFT FEMUR, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                                  |
| S72.112M | DISPLACED FRACTURE OF GREATER TROCHANTER OF LEFT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                       |
| S72.112N | DISPLACED FRACTURE OF GREATER TROCHANTER OF LEFT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION           |
| S72.113K | DISPLACED FRACTURE OF GREATER TROCHANTER OF UNSPECIFIED FEMUR, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                           |
| S72.113M | DISPLACED FRACTURE OF GREATER TROCHANTER OF UNSPECIFIED FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                |
| S72.113N | DISPLACED FRACTURE OF GREATER TROCHANTER OF UNSPECIFIED FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION    |
| S72.114K | NONDISPLACED FRACTURE OF GREATER TROCHANTER OF RIGHT FEMUR, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                              |
| S72.114M | NONDISPLACED FRACTURE OF GREATER TROCHANTER OF RIGHT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                   |
| S72.114N | NONDISPLACED FRACTURE OF GREATER TROCHANTER OF RIGHT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION       |
| S72.115K | NONDISPLACED FRACTURE OF GREATER TROCHANTER OF LEFT FEMUR, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                               |
| S72.115M | NONDISPLACED FRACTURE OF GREATER TROCHANTER OF LEFT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                    |
| S72.115N | NONDISPLACED FRACTURE OF GREATER TROCHANTER OF LEFT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION        |
| S72.116K | NONDISPLACED FRACTURE OF GREATER TROCHANTER OF UNSPECIFIED FEMUR, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                        |
| S72.116M | NONDISPLACED FRACTURE OF GREATER TROCHANTER OF UNSPECIFIED FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION             |
| S72.116N | NONDISPLACED FRACTURE OF GREATER TROCHANTER OF UNSPECIFIED FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION |
| S72.121K | DISPLACED FRACTURE OF LESSER TROCHANTER OF RIGHT FEMUR, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                                  |
| S72.121M | DISPLACED FRACTURE OF LESSER TROCHANTER OF RIGHT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                       |
| S72.121N | DISPLACED FRACTURE OF LESSER TROCHANTER OF RIGHT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION           |
| S72.122K | DISPLACED FRACTURE OF LESSER TROCHANTER OF LEFT FEMUR, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                                   |
| S72.122M | DISPLACED FRACTURE OF LESSER TROCHANTER OF LEFT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                        |
| S72.122N | DISPLACED FRACTURE OF LESSER TROCHANTER OF LEFT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION            |
| S72.123K | DISPLACED FRACTURE OF LESSER TROCHANTER OF UNSPECIFIED FEMUR, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                            |

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| S72.123M | DISPLACED FRACTURE OF LESSER TROCHANTER OF UNSPECIFIED FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                |
| S72.123N | DISPLACED FRACTURE OF LESSER TROCHANTER OF UNSPECIFIED FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION    |
| S72.124K | NONDISPLACED FRACTURE OF LESSER TROCHANTER OF RIGHT FEMUR, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                              |
| S72.124M | NONDISPLACED FRACTURE OF LESSER TROCHANTER OF RIGHT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                   |
| S72.124N | NONDISPLACED FRACTURE OF LESSER TROCHANTER OF RIGHT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION       |
| S72.125K | NONDISPLACED FRACTURE OF LESSER TROCHANTER OF LEFT FEMUR, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                               |
| S72.125M | NONDISPLACED FRACTURE OF LESSER TROCHANTER OF LEFT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                    |
| S72.125N | NONDISPLACED FRACTURE OF LESSER TROCHANTER OF LEFT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION        |
| S72.126K | NONDISPLACED FRACTURE OF LESSER TROCHANTER OF UNSPECIFIED FEMUR, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                        |
| S72.126M | NONDISPLACED FRACTURE OF LESSER TROCHANTER OF UNSPECIFIED FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION             |
| S72.126N | NONDISPLACED FRACTURE OF LESSER TROCHANTER OF UNSPECIFIED FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION |
| S72.131K | DISPLACED APOPHYSEAL FRACTURE OF RIGHT FEMUR, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION   |
| S72.131M | DISPLACED APOPHYSEAL FRACTURE OF RIGHT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                                |
| S72.131N | DISPLACED APOPHYSEAL FRACTURE OF RIGHT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION                    |
| S72.132K | DISPLACED APOPHYSEAL FRACTURE OF LEFT FEMUR, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION  |
| S72.132M | DISPLACED APOPHYSEAL FRACTURE OF LEFT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                                 |
| S72.132N | DISPLACED APOPHYSEAL FRACTURE OF LEFT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION                     |
| S72.133K | DISPLACED APOPHYSEAL FRACTURE OF UNSPECIFIED FEMUR, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                                     |
| S72.133M | DISPLACED APOPHYSEAL FRACTURE OF UNSPECIFIED FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                          |
| S72.133N | DISPLACED APOPHYSEAL FRACTURE OF UNSPECIFIED FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION              |
| S72.134K | NONDISPLACED APOPHYSEAL FRACTURE OF RIGHT FEMUR, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION  |
| S72.134M | NONDISPLACED APOPHYSEAL FRACTURE OF RIGHT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                             |
| S72.134N | NONDISPLACED APOPHYSEAL FRACTURE OF RIGHT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION                 |
| S72.135K | NONDISPLACED APOPHYSEAL FRACTURE OF LEFT FEMUR, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION   |
| S72.135M | NONDISPLACED APOPHYSEAL FRACTURE OF LEFT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                              |
| S72.135N | NONDISPLACED APOPHYSEAL FRACTURE OF LEFT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION                  |
| S72.136K | NONDISPLACED APOPHYSEAL FRACTURE OF UNSPECIFIED FEMUR, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                                  |
| S72.136M | NONDISPLACED APOPHYSEAL FRACTURE OF UNSPECIFIED FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                       |
| S72.136N | NONDISPLACED APOPHYSEAL FRACTURE OF UNSPECIFIED FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION           |

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| S72.141K | DISPLACED INTERTROCHANTERIC FRACTURE OF RIGHT FEMUR, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                                 |
| S72.141M | DISPLACED INTERTROCHANTERIC FRACTURE OF RIGHT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                      |
| S72.141N | DISPLACED INTERTROCHANTERIC FRACTURE OF RIGHT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION          |
| S72.142K | DISPLACED INTERTROCHANTERIC FRACTURE OF LEFT FEMUR, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                                  |
| S72.142M | DISPLACED INTERTROCHANTERIC FRACTURE OF LEFT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                       |
| S72.142N | DISPLACED INTERTROCHANTERIC FRACTURE OF LEFT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION           |
| S72.143K | DISPLACED INTERTROCHANTERIC FRACTURE OF UNSPECIFIED FEMUR, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                           |
| S72.143M | DISPLACED INTERTROCHANTERIC FRACTURE OF UNSPECIFIED FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                |
| S72.143N | DISPLACED INTERTROCHANTERIC FRACTURE OF UNSPECIFIED FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION    |
| S72.144K | NONDISPLACED INTERTROCHANTERIC FRACTURE OF RIGHT FEMUR, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                              |
| S72.144M | NONDISPLACED INTERTROCHANTERIC FRACTURE OF RIGHT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                   |
| S72.144N | NONDISPLACED INTERTROCHANTERIC FRACTURE OF RIGHT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION       |
| S72.145K | NONDISPLACED INTERTROCHANTERIC FRACTURE OF LEFT FEMUR, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                               |
| S72.145M | NONDISPLACED INTERTROCHANTERIC FRACTURE OF LEFT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                    |
| S72.145N | NONDISPLACED INTERTROCHANTERIC FRACTURE OF LEFT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION        |
| S72.146K | NONDISPLACED INTERTROCHANTERIC FRACTURE OF UNSPECIFIED FEMUR, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                        |
| S72.146M | NONDISPLACED INTERTROCHANTERIC FRACTURE OF UNSPECIFIED FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION             |
| S72.146N | NONDISPLACED INTERTROCHANTERIC FRACTURE OF UNSPECIFIED FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION |
| S72.21XK | DISPLACED SUBTROCHANTERIC FRACTURE OF RIGHT FEMUR, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                                   |
| S72.21XM | DISPLACED SUBTROCHANTERIC FRACTURE OF RIGHT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                        |
| S72.21XN | DISPLACED SUBTROCHANTERIC FRACTURE OF RIGHT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION            |
| S72.22XK | DISPLACED SUBTROCHANTERIC FRACTURE OF LEFT FEMUR, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                                    |
| S72.22XM | DISPLACED SUBTROCHANTERIC FRACTURE OF LEFT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                         |
| S72.22XN | DISPLACED SUBTROCHANTERIC FRACTURE OF LEFT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION             |
| S72.23XK | DISPLACED SUBTROCHANTERIC FRACTURE OF UNSPECIFIED FEMUR, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                             |
| S72.23XM | DISPLACED SUBTROCHANTERIC FRACTURE OF UNSPECIFIED FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                  |
| S72.23XN | DISPLACED SUBTROCHANTERIC FRACTURE OF UNSPECIFIED FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION      |
| S72.24XK | NONDISPLACED SUBTROCHANTERIC FRACTURE OF RIGHT FEMUR, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                                |
| S72.24XM | NONDISPLACED SUBTROCHANTERIC FRACTURE OF RIGHT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                     |



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| S72.24XN | NONDISPLACED SUBTROCHANTERIC FRACTURE OF RIGHT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION        |
| S72.25XK | NONDISPLACED SUBTROCHANTERIC FRACTURE OF LEFT FEMUR, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                                |
| S72.25XM | NONDISPLACED SUBTROCHANTERIC FRACTURE OF LEFT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                     |
| S72.25XN | NONDISPLACED SUBTROCHANTERIC FRACTURE OF LEFT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION         |
| S72.26XK | NONDISPLACED SUBTROCHANTERIC FRACTURE OF UNSPECIFIED FEMUR, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                         |
| S72.26XM | NONDISPLACED SUBTROCHANTERIC FRACTURE OF UNSPECIFIED FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION              |
| S72.26XN | NONDISPLACED SUBTROCHANTERIC FRACTURE OF UNSPECIFIED FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION  |
| S72.301K | UNSPECIFIED FRACTURE OF SHAFT OF RIGHT FEMUR, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                                       |
| S72.301M | UNSPECIFIED FRACTURE OF SHAFT OF RIGHT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                            |
| S72.301N | UNSPECIFIED FRACTURE OF SHAFT OF RIGHT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION                |
| S72.302K | UNSPECIFIED FRACTURE OF SHAFT OF LEFT FEMUR, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION  |
| S72.302M | UNSPECIFIED FRACTURE OF SHAFT OF LEFT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                             |
| S72.302N | UNSPECIFIED FRACTURE OF SHAFT OF LEFT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION                 |
| S72.309K | UNSPECIFIED FRACTURE OF SHAFT OF UNSPECIFIED FEMUR, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                                 |
| S72.309M | UNSPECIFIED FRACTURE OF SHAFT OF UNSPECIFIED FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                      |
| S72.309N | UNSPECIFIED FRACTURE OF SHAFT OF UNSPECIFIED FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION          |
| S72.321K | DISPLACED TRANSVERSE FRACTURE OF SHAFT OF RIGHT FEMUR, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                              |
| S72.321M | DISPLACED TRANSVERSE FRACTURE OF SHAFT OF RIGHT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                   |
| S72.321N | DISPLACED TRANSVERSE FRACTURE OF SHAFT OF RIGHT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION       |
| S72.322K | DISPLACED TRANSVERSE FRACTURE OF SHAFT OF LEFT FEMUR, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                               |
| S72.322M | DISPLACED TRANSVERSE FRACTURE OF SHAFT OF LEFT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                    |
| S72.322N | DISPLACED TRANSVERSE FRACTURE OF SHAFT OF LEFT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION        |
| S72.323K | DISPLACED TRANSVERSE FRACTURE OF SHAFT OF UNSPECIFIED FEMUR, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                        |
| S72.323M | DISPLACED TRANSVERSE FRACTURE OF SHAFT OF UNSPECIFIED FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION             |
| S72.323N | DISPLACED TRANSVERSE FRACTURE OF SHAFT OF UNSPECIFIED FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION |
| S72.324K | NONDISPLACED TRANSVERSE FRACTURE OF SHAFT OF RIGHT FEMUR, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                           |
| S72.324M | NONDISPLACED TRANSVERSE FRACTURE OF SHAFT OF RIGHT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                |
| S72.324N | NONDISPLACED TRANSVERSE FRACTURE OF SHAFT OF RIGHT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION    |
| S72.325K | NONDISPLACED TRANSVERSE FRACTURE OF SHAFT OF LEFT FEMUR, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                            |

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| S72.325M | NONDISPLACED TRANSVERSE FRACTURE OF SHAFT OF LEFT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                    |
| S72.325N | NONDISPLACED TRANSVERSE FRACTURE OF SHAFT OF LEFT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION        |
| S72.326K | NONDISPLACED TRANSVERSE FRACTURE OF SHAFT OF UNSPECIFIED FEMUR, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                        |
| S72.326M | NONDISPLACED TRANSVERSE FRACTURE OF SHAFT OF UNSPECIFIED FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION             |
| S72.326N | NONDISPLACED TRANSVERSE FRACTURE OF SHAFT OF UNSPECIFIED FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION |
| S72.331K | DISPLACED OBLIQUE FRACTURE OF SHAFT OF RIGHT FEMUR, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                                    |
| S72.331M | DISPLACED OBLIQUE FRACTURE OF SHAFT OF RIGHT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                         |
| S72.331N | DISPLACED OBLIQUE FRACTURE OF SHAFT OF RIGHT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION             |
| S72.332K | DISPLACED OBLIQUE FRACTURE OF SHAFT OF LEFT FEMUR, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                                     |
| S72.332M | DISPLACED OBLIQUE FRACTURE OF SHAFT OF LEFT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                          |
| S72.332N | DISPLACED OBLIQUE FRACTURE OF SHAFT OF LEFT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION              |
| S72.333K | DISPLACED OBLIQUE FRACTURE OF SHAFT OF UNSPECIFIED FEMUR, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                              |
| S72.333M | DISPLACED OBLIQUE FRACTURE OF SHAFT OF UNSPECIFIED FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                   |
| S72.333N | DISPLACED OBLIQUE FRACTURE OF SHAFT OF UNSPECIFIED FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION       |
| S72.334K | NONDISPLACED OBLIQUE FRACTURE OF SHAFT OF RIGHT FEMUR, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                                 |
| S72.334M | NONDISPLACED OBLIQUE FRACTURE OF SHAFT OF RIGHT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                      |
| S72.334N | NONDISPLACED OBLIQUE FRACTURE OF SHAFT OF RIGHT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION          |
| S72.335K | NONDISPLACED OBLIQUE FRACTURE OF SHAFT OF LEFT FEMUR, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                                  |
| S72.335M | NONDISPLACED OBLIQUE FRACTURE OF SHAFT OF LEFT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                       |
| S72.335N | NONDISPLACED OBLIQUE FRACTURE OF SHAFT OF LEFT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION           |
| S72.336K | NONDISPLACED OBLIQUE FRACTURE OF SHAFT OF UNSPECIFIED FEMUR, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                           |
| S72.336M | NONDISPLACED OBLIQUE FRACTURE OF SHAFT OF UNSPECIFIED FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                |
| S72.336N | NONDISPLACED OBLIQUE FRACTURE OF SHAFT OF UNSPECIFIED FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION    |
| S72.341K | DISPLACED SPIRAL FRACTURE OF SHAFT OF RIGHT FEMUR, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                                     |
| S72.341M | DISPLACED SPIRAL FRACTURE OF SHAFT OF RIGHT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                          |
| S72.341N | DISPLACED SPIRAL FRACTURE OF SHAFT OF RIGHT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION              |
| S72.342K | DISPLACED SPIRAL FRACTURE OF SHAFT OF LEFT FEMUR, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                                      |
| S72.342M | DISPLACED SPIRAL FRACTURE OF SHAFT OF LEFT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                           |
| S72.342N | DISPLACED SPIRAL FRACTURE OF SHAFT OF LEFT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION               |

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| S72.343K | DISPLACED SPIRAL FRACTURE OF SHAFT OF UNSPECIFIED FEMUR, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                            |
| S72.343M | DISPLACED SPIRAL FRACTURE OF SHAFT OF UNSPECIFIED FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                 |
| S72.343N | DISPLACED SPIRAL FRACTURE OF SHAFT OF UNSPECIFIED FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION     |
| S72.344K | NONDISPLACED SPIRAL FRACTURE OF SHAFT OF RIGHT FEMUR, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                               |
| S72.344M | NONDISPLACED SPIRAL FRACTURE OF SHAFT OF RIGHT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                    |
| S72.344N | NONDISPLACED SPIRAL FRACTURE OF SHAFT OF RIGHT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION        |
| S72.345K | NONDISPLACED SPIRAL FRACTURE OF SHAFT OF LEFT FEMUR, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                                |
| S72.345M | NONDISPLACED SPIRAL FRACTURE OF SHAFT OF LEFT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                     |
| S72.345N | NONDISPLACED SPIRAL FRACTURE OF SHAFT OF LEFT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION         |
| S72.346K | NONDISPLACED SPIRAL FRACTURE OF SHAFT OF UNSPECIFIED FEMUR, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                         |
| S72.346M | NONDISPLACED SPIRAL FRACTURE OF SHAFT OF UNSPECIFIED FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION              |
| S72.346N | NONDISPLACED SPIRAL FRACTURE OF SHAFT OF UNSPECIFIED FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION  |
| S72.351K | DISPLACED COMMINUTED FRACTURE OF SHAFT OF RIGHT FEMUR, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                              |
| S72.351M | DISPLACED COMMINUTED FRACTURE OF SHAFT OF RIGHT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                   |
| S72.351N | DISPLACED COMMINUTED FRACTURE OF SHAFT OF RIGHT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION       |
| S72.352K | DISPLACED COMMINUTED FRACTURE OF SHAFT OF LEFT FEMUR, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                               |
| S72.352M | DISPLACED COMMINUTED FRACTURE OF SHAFT OF LEFT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                    |
| S72.352N | DISPLACED COMMINUTED FRACTURE OF SHAFT OF LEFT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION        |
| S72.353K | DISPLACED COMMINUTED FRACTURE OF SHAFT OF UNSPECIFIED FEMUR, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                        |
| S72.353M | DISPLACED COMMINUTED FRACTURE OF SHAFT OF UNSPECIFIED FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION             |
| S72.353N | DISPLACED COMMINUTED FRACTURE OF SHAFT OF UNSPECIFIED FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION |
| S72.354K | NONDISPLACED COMMINUTED FRACTURE OF SHAFT OF RIGHT FEMUR, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                           |
| S72.354M | NONDISPLACED COMMINUTED FRACTURE OF SHAFT OF RIGHT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                |
| S72.354N | NONDISPLACED COMMINUTED FRACTURE OF SHAFT OF RIGHT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION    |
| S72.355K | NONDISPLACED COMMINUTED FRACTURE OF SHAFT OF LEFT FEMUR, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                            |
| S72.355M | NONDISPLACED COMMINUTED FRACTURE OF SHAFT OF LEFT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                 |
| S72.355N | NONDISPLACED COMMINUTED FRACTURE OF SHAFT OF LEFT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION     |
| S72.356K | NONDISPLACED COMMINUTED FRACTURE OF SHAFT OF UNSPECIFIED FEMUR, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                     |
| S72.356M | NONDISPLACED COMMINUTED FRACTURE OF SHAFT OF UNSPECIFIED FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION          |

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| S72.356N | NONDISPLACED COMMINUTED FRACTURE OF SHAFT OF UNSPECIFIED FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION |
| S72.361K | DISPLACED SEGMENTAL FRACTURE OF SHAFT OF RIGHT FEMUR, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                                  |
| S72.361M | DISPLACED SEGMENTAL FRACTURE OF SHAFT OF RIGHT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                       |
| S72.361N | DISPLACED SEGMENTAL FRACTURE OF SHAFT OF RIGHT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION           |
| S72.362K | DISPLACED SEGMENTAL FRACTURE OF SHAFT OF LEFT FEMUR, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                                   |
| S72.362M | DISPLACED SEGMENTAL FRACTURE OF SHAFT OF LEFT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                        |
| S72.362N | DISPLACED SEGMENTAL FRACTURE OF SHAFT OF LEFT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION            |
| S72.363K | DISPLACED SEGMENTAL FRACTURE OF SHAFT OF UNSPECIFIED FEMUR, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                            |
| S72.363M | DISPLACED SEGMENTAL FRACTURE OF SHAFT OF UNSPECIFIED FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                 |
| S72.363N | DISPLACED SEGMENTAL FRACTURE OF SHAFT OF UNSPECIFIED FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION     |
| S72.364K | NONDISPLACED SEGMENTAL FRACTURE OF SHAFT OF RIGHT FEMUR, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                               |
| S72.364M | NONDISPLACED SEGMENTAL FRACTURE OF SHAFT OF RIGHT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                    |
| S72.364N | NONDISPLACED SEGMENTAL FRACTURE OF SHAFT OF RIGHT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION        |
| S72.365K | NONDISPLACED SEGMENTAL FRACTURE OF SHAFT OF LEFT FEMUR, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                                |
| S72.365M | NONDISPLACED SEGMENTAL FRACTURE OF SHAFT OF LEFT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                     |
| S72.365N | NONDISPLACED SEGMENTAL FRACTURE OF SHAFT OF LEFT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION         |
| S72.366K | NONDISPLACED SEGMENTAL FRACTURE OF SHAFT OF UNSPECIFIED FEMUR, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                         |
| S72.366M | NONDISPLACED SEGMENTAL FRACTURE OF SHAFT OF UNSPECIFIED FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION              |
| S72.366N | NONDISPLACED SEGMENTAL FRACTURE OF SHAFT OF UNSPECIFIED FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION  |
| S72.391K | OTHER FRACTURE OF SHAFT OF RIGHT FEMUR, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION  |
| S72.391M | OTHER FRACTURE OF SHAFT OF RIGHT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                                     |
| S72.391N | OTHER FRACTURE OF SHAFT OF RIGHT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION                         |
| S72.392K | OTHER FRACTURE OF SHAFT OF LEFT FEMUR, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION   |
| S72.392M | OTHER FRACTURE OF SHAFT OF LEFT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                                      |
| S72.392N | OTHER FRACTURE OF SHAFT OF LEFT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION                          |
| S72.399K | OTHER FRACTURE OF SHAFT OF UNSPECIFIED FEMUR, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION  |
| S72.399M | OTHER FRACTURE OF SHAFT OF UNSPECIFIED FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                               |
| S72.399N | OTHER FRACTURE OF SHAFT OF UNSPECIFIED FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION                   |
| S72.401K | UNSPECIFIED FRACTURE OF LOWER END OF RIGHT FEMUR, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                                      |

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| S72.401M | UNSPECIFIED FRACTURE OF LOWER END OF RIGHT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION  |
| S72.401N | UNSPECIFIED FRACTURE OF LOWER END OF RIGHT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION                            |
| S72.402K | UNSPECIFIED FRACTURE OF LOWER END OF LEFT FEMUR, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION  |
| S72.402M | UNSPECIFIED FRACTURE OF LOWER END OF LEFT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION   |
| S72.402N | UNSPECIFIED FRACTURE OF LOWER END OF LEFT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION                             |
| S72.409K | UNSPECIFIED FRACTURE OF LOWER END OF UNSPECIFIED FEMUR, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION   |
| 72.409M  | UNSPECIFIED FRACTURE OF LOWER END OF UNSPECIFIED FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                                  |
| S72.409N | UNSPECIFIED FRACTURE OF LOWER END OF UNSPECIFIED FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION                      |
| S72.411K | DISPLACED UNSPECIFIED CONDYLE FRACTURE OF LOWER END OF RIGHT FEMUR, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                                 |
| S72.411M | DISPLACED UNSPECIFIED CONDYLE FRACTURE OF LOWER END OF RIGHT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                      |
| S72.411N | DISPLACED UNSPECIFIED CONDYLE FRACTURE OF LOWER END OF RIGHT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION          |
| S72.412K | DISPLACED UNSPECIFIED CONDYLE FRACTURE OF LOWER END OF LEFT FEMUR, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                                  |
| S72.412M | DISPLACED UNSPECIFIED CONDYLE FRACTURE OF LOWER END OF LEFT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                       |
| S72.412N | DISPLACED UNSPECIFIED CONDYLE FRACTURE OF LOWER END OF LEFT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION           |
| S72.413K | DISPLACED UNSPECIFIED CONDYLE FRACTURE OF LOWER END OF UNSPECIFIED FEMUR, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                           |
| S72.413M | DISPLACED UNSPECIFIED CONDYLE FRACTURE OF LOWER END OF UNSPECIFIED FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                |
| S72.413N | DISPLACED UNSPECIFIED CONDYLE FRACTURE OF LOWER END OF UNSPECIFIED FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION    |
| S72.414K | NONDISPLACED UNSPECIFIED CONDYLE FRACTURE OF LOWER END OF RIGHT FEMUR, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                              |
| S72.414M | NONDISPLACED UNSPECIFIED CONDYLE FRACTURE OF LOWER END OF RIGHT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                   |
| S72.414N | NONDISPLACED UNSPECIFIED CONDYLE FRACTURE OF LOWER END OF RIGHT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION       |
| S72.415K | NONDISPLACED UNSPECIFIED CONDYLE FRACTURE OF LOWER END OF LEFT FEMUR, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                               |
| S72.415M | NONDISPLACED UNSPECIFIED CONDYLE FRACTURE OF LOWER END OF LEFT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                    |
| S72.415N | NONDISPLACED UNSPECIFIED CONDYLE FRACTURE OF LOWER END OF LEFT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION        |
| S72.416K | NONDISPLACED UNSPECIFIED CONDYLE FRACTURE OF LOWER END OF UNSPECIFIED FEMUR, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                        |
| S72.416M | NONDISPLACED UNSPECIFIED CONDYLE FRACTURE OF LOWER END OF UNSPECIFIED FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION             |
| S72.416N | NONDISPLACED UNSPECIFIED CONDYLE FRACTURE OF LOWER END OF UNSPECIFIED FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION |
| S72.421K | DISPLACED FRACTURE OF LATERAL CONDYLE OF RIGHT FEMUR, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION   |
| S72.421M | DISPLACED FRACTURE OF LATERAL CONDYLE OF RIGHT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                                    |
| S72.421N | DISPLACED FRACTURE OF LATERAL CONDYLE OF RIGHT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION                        |

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| S72.422K | DISPLACED FRACTURE OF LATERAL CONDYLE OF LEFT FEMUR, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                                  |
| S72.422M | DISPLACED FRACTURE OF LATERAL CONDYLE OF LEFT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                       |
| S72.422N | DISPLACED FRACTURE OF LATERAL CONDYLE OF LEFT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION           |
| S72.423K | DISPLACED FRACTURE OF LATERAL CONDYLE OF UNSPECIFIED FEMUR, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                           |
| S72.423M | DISPLACED FRACTURE OF LATERAL CONDYLE OF UNSPECIFIED FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                |
| S72.423N | DISPLACED FRACTURE OF LATERAL CONDYLE OF UNSPECIFIED FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION    |
| S72.424K | NONDISPLACED FRACTURE OF LATERAL CONDYLE OF RIGHT FEMUR, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                              |
| S72.424M | NONDISPLACED FRACTURE OF LATERAL CONDYLE OF RIGHT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                   |
| S72.424N | NONDISPLACED FRACTURE OF LATERAL CONDYLE OF RIGHT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION       |
| S72.425K | NONDISPLACED FRACTURE OF LATERAL CONDYLE OF LEFT FEMUR, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                               |
| S72.425M | NONDISPLACED FRACTURE OF LATERAL CONDYLE OF LEFT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                    |
| S72.425N | NONDISPLACED FRACTURE OF LATERAL CONDYLE OF LEFT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION        |
| S72.426K | NONDISPLACED FRACTURE OF LATERAL CONDYLE OF UNSPECIFIED FEMUR, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                        |
| S72.426M | NONDISPLACED FRACTURE OF LATERAL CONDYLE OF UNSPECIFIED FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION             |
| S72.426N | NONDISPLACED FRACTURE OF LATERAL CONDYLE OF UNSPECIFIED FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION |
| S72.431K | DISPLACED FRACTURE OF MEDIAL CONDYLE OF RIGHT FEMUR, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                                  |
| S72.431M | DISPLACED FRACTURE OF MEDIAL CONDYLE OF RIGHT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                       |
| S72.431N | DISPLACED FRACTURE OF MEDIAL CONDYLE OF RIGHT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION           |
| S72.432K | DISPLACED FRACTURE OF MEDIAL CONDYLE OF LEFT FEMUR, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                                   |
| S72.432M | DISPLACED FRACTURE OF MEDIAL CONDYLE OF LEFT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                        |
| S72.432N | DISPLACED FRACTURE OF MEDIAL CONDYLE OF LEFT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION            |
| S72.433K | DISPLACED FRACTURE OF MEDIAL CONDYLE OF UNSPECIFIED FEMUR, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                            |
| S72.433M | DISPLACED FRACTURE OF MEDIAL CONDYLE OF UNSPECIFIED FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                 |
| S72.433N | DISPLACED FRACTURE OF MEDIAL CONDYLE OF UNSPECIFIED FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION     |
| S72.434K | NONDISPLACED FRACTURE OF MEDIAL CONDYLE OF RIGHT FEMUR, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                               |
| S72.434M | NONDISPLACED FRACTURE OF MEDIAL CONDYLE OF RIGHT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                    |
| S72.434N | NONDISPLACED FRACTURE OF MEDIAL CONDYLE OF RIGHT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION        |
| S72.435K | NONDISPLACED FRACTURE OF MEDIAL CONDYLE OF LEFT FEMUR, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                                |
| S72.435M | NONDISPLACED FRACTURE OF MEDIAL CONDYLE OF LEFT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                     |

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| S72.435N | NONDISPLACED FRACTURE OF MEDIAL CONDYLE OF LEFT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION  |
| S72.436K | NONDISPLACED FRACTURE OF MEDIAL CONDYLE OF UNSPECIFIED FEMUR, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION  |
| S72.436M | NONDISPLACED FRACTURE OF MEDIAL CONDYLE OF UNSPECIFIED FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION   |
| S72.436N | NONDISPLACED FRACTURE OF MEDIAL CONDYLE OF UNSPECIFIED FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION                                 |
| S72.441K | DISPLACED FRACTURE OF LOWER EPIPHYSIS (SEPARATION) OF RIGHT FEMUR, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION   |
| S72.441M | DISPLACED FRACTURE OF LOWER EPIPHYSIS (SEPARATION) OF RIGHT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION  |
| S72.441N | DISPLACED FRACTURE OF LOWER EPIPHYSIS (SEPARATION) OF RIGHT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION                            |
| S72.442K | DISPLACED FRACTURE OF LOWER EPIPHYSIS (SEPARATION) OF LEFT FEMUR, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION  |
| S72.442M | DISPLACED FRACTURE OF LOWER EPIPHYSIS (SEPARATION) OF LEFT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION   |
| S72.442N | DISPLACED FRACTURE OF LOWER EPIPHYSIS (SEPARATION) OF LEFT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION                             |
| S72.443K | DISPLACED FRACTURE OF LOWER EPIPHYSIS (SEPARATION) OF UNSPECIFIED FEMUR, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION   |
| S72.443M | DISPLACED FRACTURE OF LOWER EPIPHYSIS (SEPARATION) OF UNSPECIFIED FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                                  |
| S72.443N | DISPLACED FRACTURE OF LOWER EPIPHYSIS (SEPARATION) OF UNSPECIFIED FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION                      |
| S72.444K | NONDISPLACED FRACTURE OF LOWER EPIPHYSIS (SEPARATION) OF RIGHT FEMUR, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION  |
| S72.444M | NONDISPLACED FRACTURE OF LOWER EPIPHYSIS (SEPARATION) OF RIGHT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                                     |
| S72.444N | NONDISPLACED FRACTURE OF LOWER EPIPHYSIS (SEPARATION) OF RIGHT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION                         |
| S72.445K | NONDISPLACED FRACTURE OF LOWER EPIPHYSIS (SEPARATION) OF LEFT FEMUR, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION   |
| S72.445M | NONDISPLACED FRACTURE OF LOWER EPIPHYSIS (SEPARATION) OF LEFT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                                      |
| S72.445N | NONDISPLACED FRACTURE OF LOWER EPIPHYSIS (SEPARATION) OF LEFT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION                          |
| S72.446K | NONDISPLACED FRACTURE OF LOWER EPIPHYSIS (SEPARATION) OF UNSPECIFIED FEMUR, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION  |
| S72.446M | NONDISPLACED FRACTURE OF LOWER EPIPHYSIS (SEPARATION) OF UNSPECIFIED FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                               |
| S72.446N | NONDISPLACED FRACTURE OF LOWER EPIPHYSIS (SEPARATION) OF UNSPECIFIED FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION                   |
| S72.451K | DISPLACED SUPRACONDYLAR FRACTURE WITHOUT INTRACONDYLAR EXTENSION OF LOWER END OF RIGHT FEMUR, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                        |
| S72.451M | DISPLACED SUPRACONDYLAR FRACTURE WITHOUT INTRACONDYLAR EXTENSION OF LOWER END OF RIGHT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION             |
| S72.451N | DISPLACED SUPRACONDYLAR FRACTURE WITHOUT INTRACONDYLAR EXTENSION OF LOWER END OF RIGHT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION |
| S72.452K | DISPLACED SUPRACONDYLAR FRACTURE WITHOUT INTRACONDYLAR EXTENSION OF LOWER END OF LEFT FEMUR, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                         |
| S72.452M | DISPLACED SUPRACONDYLAR FRACTURE WITHOUT INTRACONDYLAR EXTENSION OF LOWER END OF LEFT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION              |
| S72.452N | DISPLACED SUPRACONDYLAR FRACTURE WITHOUT INTRACONDYLAR EXTENSION OF LOWER END OF LEFT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION  |
| S72.453K | DISPLACED SUPRACONDYLAR FRACTURE WITHOUT INTRACONDYLAR EXTENSION OF LOWER END OF UNSPECIFIED FEMUR, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                  |

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| S72.453M | DISPLACED SUPRACONDYLAR FRACTURE WITHOUT INTRACONDYLAR EXTENSION OF LOWER END OF UNSPECIFIED FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                |
| S72.453N | DISPLACED SUPRACONDYLAR FRACTURE WITHOUT INTRACONDYLAR EXTENSION OF LOWER END OF UNSPECIFIED FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION    |
| S72.454K | NONDISPLACED SUPRACONDYLAR FRACTURE WITHOUT INTRACONDYLAR EXTENSION OF LOWER END OF RIGHT FEMUR, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                              |
| S72.454M | NONDISPLACED SUPRACONDYLAR FRACTURE WITHOUT INTRACONDYLAR EXTENSION OF LOWER END OF RIGHT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                   |
| S72.454N | NONDISPLACED SUPRACONDYLAR FRACTURE WITHOUT INTRACONDYLAR EXTENSION OF LOWER END OF RIGHT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION       |
| S72.455K | NONDISPLACED SUPRACONDYLAR FRACTURE WITHOUT INTRACONDYLAR EXTENSION OF LOWER END OF LEFT FEMUR, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                               |
| S72.455M | NONDISPLACED SUPRACONDYLAR FRACTURE WITHOUT INTRACONDYLAR EXTENSION OF LOWER END OF LEFT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                    |
| S72.455N | NONDISPLACED SUPRACONDYLAR FRACTURE WITHOUT INTRACONDYLAR EXTENSION OF LOWER END OF LEFT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION        |
| S72.456K | NONDISPLACED SUPRACONDYLAR FRACTURE WITHOUT INTRACONDYLAR EXTENSION OF LOWER END OF UNSPECIFIED FEMUR, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                        |
| S72.456M | NONDISPLACED SUPRACONDYLAR FRACTURE WITHOUT INTRACONDYLAR EXTENSION OF LOWER END OF UNSPECIFIED FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION             |
| S72.456N | NONDISPLACED SUPRACONDYLAR FRACTURE WITHOUT INTRACONDYLAR EXTENSION OF LOWER END OF UNSPECIFIED FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION |
| S72.461K | DISPLACED SUPRACONDYLAR FRACTURE WITH INTRACONDYLAR EXTENSION OF LOWER END OF RIGHT FEMUR, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                                    |
| S72.461M | DISPLACED SUPRACONDYLAR FRACTURE WITH INTRACONDYLAR EXTENSION OF LOWER END OF RIGHT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                         |
| S72.461N | DISPLACED SUPRACONDYLAR FRACTURE WITH INTRACONDYLAR EXTENSION OF LOWER END OF RIGHT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION             |
| S72.462K | DISPLACED SUPRACONDYLAR FRACTURE WITH INTRACONDYLAR EXTENSION OF LOWER END OF LEFT FEMUR, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                                     |
| S72.462M | DISPLACED SUPRACONDYLAR FRACTURE WITH INTRACONDYLAR EXTENSION OF LOWER END OF LEFT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                          |
| S72.462N | DISPLACED SUPRACONDYLAR FRACTURE WITH INTRACONDYLAR EXTENSION OF LOWER END OF LEFT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION              |
| S72.463K | DISPLACED SUPRACONDYLAR FRACTURE WITH INTRACONDYLAR EXTENSION OF LOWER END OF UNSPECIFIED FEMUR, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                              |
| S72.463M | DISPLACED SUPRACONDYLAR FRACTURE WITH INTRACONDYLAR EXTENSION OF LOWER END OF UNSPECIFIED FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                   |
| S72.463N | DISPLACED SUPRACONDYLAR FRACTURE WITH INTRACONDYLAR EXTENSION OF LOWER END OF UNSPECIFIED FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION       |
| S72.464K | NONDISPLACED SUPRACONDYLAR FRACTURE WITH INTRACONDYLAR EXTENSION OF LOWER END OF RIGHT FEMUR, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                                 |
| S72.464M | NONDISPLACED SUPRACONDYLAR FRACTURE WITH INTRACONDYLAR EXTENSION OF LOWER END OF RIGHT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                      |
| S72.464N | NONDISPLACED SUPRACONDYLAR FRACTURE WITH INTRACONDYLAR EXTENSION OF LOWER END OF RIGHT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION          |
| S72.465K | NONDISPLACED SUPRACONDYLAR FRACTURE WITH INTRACONDYLAR EXTENSION OF LOWER END OF LEFT FEMUR, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                                  |
| S72.465M | NONDISPLACED SUPRACONDYLAR FRACTURE WITH INTRACONDYLAR EXTENSION OF LOWER END OF LEFT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                       |
| S72.465N | NONDISPLACED SUPRACONDYLAR FRACTURE WITH INTRACONDYLAR EXTENSION OF LOWER END OF LEFT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION           |
| S72.466K | NONDISPLACED SUPRACONDYLAR FRACTURE WITH INTRACONDYLAR EXTENSION OF LOWER END OF UNSPECIFIED FEMUR, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                           |



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| S72.466M | NONDISPLACED SUPRACONDYLAR FRACTURE WITH INTRACONDYLAR EXTENSION OF LOWER END OF UNSPECIFIED FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION             |
| S72.466N | NONDISPLACED SUPRACONDYLAR FRACTURE WITH INTRACONDYLAR EXTENSION OF LOWER END OF UNSPECIFIED FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION |
| S72.471K | TORUS FRACTURE OF LOWER END OF RIGHT FEMUR, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION   |
| S72.472K | TORUS FRACTURE OF LOWER END OF LEFT FEMUR, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION  |
| S72.479K | TORUS FRACTURE OF LOWER END OF UNSPECIFIED FEMUR, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION   |
| S72.491K | OTHER FRACTURE OF LOWER END OF RIGHT FEMUR, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION  |
| S72.491M | OTHER FRACTURE OF LOWER END OF RIGHT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION   |
| S72.491N | OTHER FRACTURE OF LOWER END OF RIGHT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION   |
| S72.492K | OTHER FRACTURE OF LOWER END OF LEFT FEMUR, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION   |
| S72.492M | OTHER FRACTURE OF LOWER END OF LEFT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION  |
| S72.492N | OTHER FRACTURE OF LOWER END OF LEFT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION  |
| S72.499K | OTHER FRACTURE OF LOWER END OF UNSPECIFIED FEMUR, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION  |
| S72.499M | OTHER FRACTURE OF LOWER END OF UNSPECIFIED FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION   |
| S72.499N | OTHER FRACTURE OF LOWER END OF UNSPECIFIED FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION   |
| S72.8X1K | OTHER FRACTURE OF RIGHT FEMUR, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION   |
| S72.8X1M | OTHER FRACTURE OF RIGHT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION  |
| S72.8X1N | OTHER FRACTURE OF RIGHT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION  |
| S72.8X2K | OTHER FRACTURE OF LEFT FEMUR, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION  |
| S72.8X2M | OTHER FRACTURE OF LEFT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION   |
| S72.8X2N | OTHER FRACTURE OF LEFT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION   |
| S72.8X9K | OTHER FRACTURE OF UNSPECIFIED FEMUR, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION   |
| S72.8X9M | OTHER FRACTURE OF UNSPECIFIED FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION  |
| S72.8X9N | OTHER FRACTURE OF UNSPECIFIED FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION  |
| S72.90XK | UNSPECIFIED FRACTURE OF UNSPECIFIED FEMUR, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION   |
| S72.90XM | UNSPECIFIED FRACTURE OF UNSPECIFIED FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION  |
| S72.90XN | UNSPECIFIED FRACTURE OF UNSPECIFIED FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION  |
| S72.91XK | UNSPECIFIED FRACTURE OF RIGHT FEMUR, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION   |
| S72.91XM | UNSPECIFIED FRACTURE OF RIGHT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION  |
| S72.91XN | UNSPECIFIED FRACTURE OF RIGHT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION  |

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| S72.92XK | UNSPECIFIED FRACTURE OF LEFT FEMUR, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                                 |
| S72.92XM | UNSPECIFIED FRACTURE OF LEFT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                      |
| S72.92XN | UNSPECIFIED FRACTURE OF LEFT FEMUR, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION          |
| S79.001K | UNSPECIFIED PHYSEAL FRACTURE OF UPPER END OF RIGHT FEMUR, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                  |
| S79.002K | UNSPECIFIED PHYSEAL FRACTURE OF UPPER END OF LEFT FEMUR, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                   |
| S79.009K | UNSPECIFIED PHYSEAL FRACTURE OF UPPER END OF UNSPECIFIED FEMUR, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION            |
| S79.011K | SALTER-HARRIS TYPE I PHYSEAL FRACTURE OF UPPER END OF RIGHT FEMUR, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION         |
| S79.012K | SALTER-HARRIS TYPE I PHYSEAL FRACTURE OF UPPER END OF LEFT FEMUR, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION          |
| S79.019K | SALTER-HARRIS TYPE I PHYSEAL FRACTURE OF UPPER END OF UNSPECIFIED FEMUR, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION   |
| S79.091K | OTHER PHYSEAL FRACTURE OF UPPER END OF RIGHT FEMUR, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                        |
| S79.092K | OTHER PHYSEAL FRACTURE OF UPPER END OF LEFT FEMUR, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                         |
| S79.099K | OTHER PHYSEAL FRACTURE OF UPPER END OF UNSPECIFIED FEMUR, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                  |
| S79.101K | UNSPECIFIED PHYSEAL FRACTURE OF LOWER END OF RIGHT FEMUR, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                  |
| S79.102K | UNSPECIFIED PHYSEAL FRACTURE OF LOWER END OF LEFT FEMUR, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                   |
| S79.109K | UNSPECIFIED PHYSEAL FRACTURE OF LOWER END OF UNSPECIFIED FEMUR, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION            |
| S79.111K | SALTER-HARRIS TYPE I PHYSEAL FRACTURE OF LOWER END OF RIGHT FEMUR, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION         |
| S79.112K | SALTER-HARRIS TYPE I PHYSEAL FRACTURE OF LOWER END OF LEFT FEMUR, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION          |
| S79.119K | SALTER-HARRIS TYPE I PHYSEAL FRACTURE OF LOWER END OF UNSPECIFIED FEMUR, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION   |
| S79.121K | SALTER-HARRIS TYPE II PHYSEAL FRACTURE OF LOWER END OF RIGHT FEMUR, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION        |
| S79.122K | SALTER-HARRIS TYPE II PHYSEAL FRACTURE OF LOWER END OF LEFT FEMUR, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION         |
| S79.129K | SALTER-HARRIS TYPE II PHYSEAL FRACTURE OF LOWER END OF UNSPECIFIED FEMUR, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION  |
| S79.131K | SALTER-HARRIS TYPE III PHYSEAL FRACTURE OF LOWER END OF RIGHT FEMUR, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION       |
| S79.132K | SALTER-HARRIS TYPE III PHYSEAL FRACTURE OF LOWER END OF LEFT FEMUR, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION        |
| S79.139K | SALTER-HARRIS TYPE III PHYSEAL FRACTURE OF LOWER END OF UNSPECIFIED FEMUR, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION |
| S79.141K | SALTER-HARRIS TYPE IV PHYSEAL FRACTURE OF LOWER END OF RIGHT FEMUR, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION        |
| S79.142K | SALTER-HARRIS TYPE IV PHYSEAL FRACTURE OF LOWER END OF LEFT FEMUR, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION         |
| S79.149K | SALTER-HARRIS TYPE IV PHYSEAL FRACTURE OF LOWER END OF UNSPECIFIED FEMUR, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION  |
| S79.191K | OTHER PHYSEAL FRACTURE OF LOWER END OF RIGHT FEMUR, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                        |
| S79.192K | OTHER PHYSEAL FRACTURE OF LOWER END OF LEFT FEMUR, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                         |

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| S79.199K | OTHER PHYSEAL FRACTURE OF LOWER END OF UNSPECIFIED FEMUR, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                             |
| S82.101K | UNSPECIFIED FRACTURE OF UPPER END OF RIGHT TIBIA, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                              |
| S82.101M | UNSPECIFIED FRACTURE OF UPPER END OF RIGHT TIBIA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                   |
| S82.101N | UNSPECIFIED FRACTURE OF UPPER END OF RIGHT TIBIA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION       |
| S82.102K | UNSPECIFIED FRACTURE OF UPPER END OF LEFT TIBIA, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                               |
| S82.102M | UNSPECIFIED FRACTURE OF UPPER END OF LEFT TIBIA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                    |
| S82.102N | UNSPECIFIED FRACTURE OF UPPER END OF LEFT TIBIA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION        |
| S82.109K | UNSPECIFIED FRACTURE OF UPPER END OF UNSPECIFIED TIBIA, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                        |
| S82.109M | UNSPECIFIED FRACTURE OF UPPER END OF UNSPECIFIED TIBIA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION             |
| S82.109N | UNSPECIFIED FRACTURE OF UPPER END OF UNSPECIFIED TIBIA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION |
| S82.111K | DISPLACED FRACTURE OF RIGHT TIBIAL SPINE, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                                      |
| S82.111M | DISPLACED FRACTURE OF RIGHT TIBIAL SPINE, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                           |
| S82.111N | DISPLACED FRACTURE OF RIGHT TIBIAL SPINE, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION               |
| S82.112K | DISPLACED FRACTURE OF LEFT TIBIAL SPINE, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                                       |
| S82.112M | DISPLACED FRACTURE OF LEFT TIBIAL SPINE, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                            |
| S82.112N | DISPLACED FRACTURE OF LEFT TIBIAL SPINE, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION                |
| S82.113K | DISPLACED FRACTURE OF UNSPECIFIED TIBIAL SPINE, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                                |
| S82.113M | DISPLACED FRACTURE OF UNSPECIFIED TIBIAL SPINE, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                     |
| S82.113N | DISPLACED FRACTURE OF UNSPECIFIED TIBIAL SPINE, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION         |
| S82.114K | NONDISPLACED FRACTURE OF RIGHT TIBIAL SPINE, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                                   |
| S82.114M | NONDISPLACED FRACTURE OF RIGHT TIBIAL SPINE, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                        |
| S82.114N | NONDISPLACED FRACTURE OF RIGHT TIBIAL SPINE, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION            |
| S82.115K | NONDISPLACED FRACTURE OF LEFT TIBIAL SPINE, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                                    |
| S82.115M | NONDISPLACED FRACTURE OF LEFT TIBIAL SPINE, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                         |
| S82.115N | NONDISPLACED FRACTURE OF LEFT TIBIAL SPINE, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION             |
| S82.116K | NONDISPLACED FRACTURE OF UNSPECIFIED TIBIAL SPINE, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                             |
| S82.116M | NONDISPLACED FRACTURE OF UNSPECIFIED TIBIAL SPINE, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                  |
| S82.116N | NONDISPLACED FRACTURE OF UNSPECIFIED TIBIAL SPINE, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION      |
| S82.121K | DISPLACED FRACTURE OF LATERAL CONDYLE OF RIGHT TIBIA, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                          |

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| S82.121M | DISPLACED FRACTURE OF LATERAL CONDYLE OF RIGHT TIBIA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                      |
| S82.121N | DISPLACED FRACTURE OF LATERAL CONDYLE OF RIGHT TIBIA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION          |
| S82.122K | DISPLACED FRACTURE OF LATERAL CONDYLE OF LEFT TIBIA, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                                  |
| S82.122M | DISPLACED FRACTURE OF LATERAL CONDYLE OF LEFT TIBIA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                       |
| S82.122N | DISPLACED FRACTURE OF LATERAL CONDYLE OF LEFT TIBIA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION           |
| S82.123K | DISPLACED FRACTURE OF LATERAL CONDYLE OF UNSPECIFIED TIBIA, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                           |
| S82.123M | DISPLACED FRACTURE OF LATERAL CONDYLE OF UNSPECIFIED TIBIA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                |
| S82.123N | DISPLACED FRACTURE OF LATERAL CONDYLE OF UNSPECIFIED TIBIA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION    |
| S82.124K | NONDISPLACED FRACTURE OF LATERAL CONDYLE OF RIGHT TIBIA, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                              |
| S82.124M | NONDISPLACED FRACTURE OF LATERAL CONDYLE OF RIGHT TIBIA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                   |
| S82.124N | NONDISPLACED FRACTURE OF LATERAL CONDYLE OF RIGHT TIBIA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION       |
| S82.125K | NONDISPLACED FRACTURE OF LATERAL CONDYLE OF LEFT TIBIA, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                               |
| S82.125M | NONDISPLACED FRACTURE OF LATERAL CONDYLE OF LEFT TIBIA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                    |
| S82.125N | NONDISPLACED FRACTURE OF LATERAL CONDYLE OF LEFT TIBIA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION        |
| S82.126K | NONDISPLACED FRACTURE OF LATERAL CONDYLE OF UNSPECIFIED TIBIA, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                        |
| S82.126M | NONDISPLACED FRACTURE OF LATERAL CONDYLE OF UNSPECIFIED TIBIA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION             |
| S82.126N | NONDISPLACED FRACTURE OF LATERAL CONDYLE OF UNSPECIFIED TIBIA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION |
| S82.131K | DISPLACED FRACTURE OF MEDIAL CONDYLE OF RIGHT TIBIA, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                                  |
| S82.131M | DISPLACED FRACTURE OF MEDIAL CONDYLE OF RIGHT TIBIA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                       |
| S82.131N | DISPLACED FRACTURE OF MEDIAL CONDYLE OF RIGHT TIBIA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION           |
| S82.132K | DISPLACED FRACTURE OF MEDIAL CONDYLE OF LEFT TIBIA, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                                   |
| S82.132M | DISPLACED FRACTURE OF MEDIAL CONDYLE OF LEFT TIBIA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                        |
| S82.132N | DISPLACED FRACTURE OF MEDIAL CONDYLE OF LEFT TIBIA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION            |
| S82.133K | DISPLACED FRACTURE OF MEDIAL CONDYLE OF UNSPECIFIED TIBIA, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                            |
| S82.133M | DISPLACED FRACTURE OF MEDIAL CONDYLE OF UNSPECIFIED TIBIA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                 |
| S82.133N | DISPLACED FRACTURE OF MEDIAL CONDYLE OF UNSPECIFIED TIBIA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION     |
| S82.134K | NONDISPLACED FRACTURE OF MEDIAL CONDYLE OF RIGHT TIBIA, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                               |
| S82.134M | NONDISPLACED FRACTURE OF MEDIAL CONDYLE OF RIGHT TIBIA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                    |
| S82.134N | NONDISPLACED FRACTURE OF MEDIAL CONDYLE OF RIGHT TIBIA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION        |

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| S82.135K | NONDISPLACED FRACTURE OF MEDIAL CONDYLE OF LEFT TIBIA, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                               |
| S82.135M | NONDISPLACED FRACTURE OF MEDIAL CONDYLE OF LEFT TIBIA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                    |
| S82.135N | NONDISPLACED FRACTURE OF MEDIAL CONDYLE OF LEFT TIBIA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION        |
| S82.136K | NONDISPLACED FRACTURE OF MEDIAL CONDYLE OF UNSPECIFIED TIBIA, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                        |
| S82.136M | NONDISPLACED FRACTURE OF MEDIAL CONDYLE OF UNSPECIFIED TIBIA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION             |
| S82.136N | NONDISPLACED FRACTURE OF MEDIAL CONDYLE OF UNSPECIFIED TIBIA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION |
| S82.141K | DISPLACED BICONDYLAR FRACTURE OF RIGHT TIBIA, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION  |
| S82.141M | DISPLACED BICONDYLAR FRACTURE OF RIGHT TIBIA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                             |
| S82.141N | DISPLACED BICONDYLAR FRACTURE OF RIGHT TIBIA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION                 |
| S82.142K | DISPLACED BICONDYLAR FRACTURE OF LEFT TIBIA, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION   |
| S82.142M | DISPLACED BICONDYLAR FRACTURE OF LEFT TIBIA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                              |
| S82.142N | DISPLACED BICONDYLAR FRACTURE OF LEFT TIBIA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION                  |
| S82.143K | DISPLACED BICONDYLAR FRACTURE OF UNSPECIFIED TIBIA, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                                  |
| S82.143M | DISPLACED BICONDYLAR FRACTURE OF UNSPECIFIED TIBIA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                       |
| S82.143N | DISPLACED BICONDYLAR FRACTURE OF UNSPECIFIED TIBIA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION           |
| S82.144K | NONDISPLACED BICONDYLAR FRACTURE OF RIGHT TIBIA, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                                     |
| S82.144M | NONDISPLACED BICONDYLAR FRACTURE OF RIGHT TIBIA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                          |
| S82.144N | NONDISPLACED BICONDYLAR FRACTURE OF RIGHT TIBIA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION              |
| S82.145K | NONDISPLACED BICONDYLAR FRACTURE OF LEFT TIBIA, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                                      |
| S82.152M | DISPLACED FRACTURE OF LEFT TIBIAL TUBEROSITY, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                             |
| S82.152N | DISPLACED FRACTURE OF LEFT TIBIAL TUBEROSITY, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION                 |
| S82.153K | DISPLACED FRACTURE OF UNSPECIFIED TIBIAL TUBEROSITY, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                                 |
| S82.153M | DISPLACED FRACTURE OF UNSPECIFIED TIBIAL TUBEROSITY, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                      |
| S82.153N | DISPLACED FRACTURE OF UNSPECIFIED TIBIAL TUBEROSITY, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION          |
| S82.154K | NONDISPLACED FRACTURE OF RIGHT TIBIAL TUBEROSITY, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                                    |
| S82.154M | NONDISPLACED FRACTURE OF RIGHT TIBIAL TUBEROSITY, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                         |
| S82.154N | NONDISPLACED FRACTURE OF RIGHT TIBIAL TUBEROSITY, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION             |
| S82.155K | NONDISPLACED FRACTURE OF LEFT TIBIAL TUBEROSITY, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                                     |
| S82.155M | NONDISPLACED FRACTURE OF LEFT TIBIAL TUBEROSITY, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                          |

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| S82.155N | NONDISPLACED FRACTURE OF LEFT TIBIAL TUBEROSITY, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION        |
| S82.156K | NONDISPLACED FRACTURE OF UNSPECIFIED TIBIAL TUBEROSITY, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                        |
| S82.156M | NONDISPLACED FRACTURE OF UNSPECIFIED TIBIAL TUBEROSITY, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION             |
| S82.156N | NONDISPLACED FRACTURE OF UNSPECIFIED TIBIAL TUBEROSITY, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION |
| S82.161K | TORUS FRACTURE OF UPPER END OF RIGHT TIBIA, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION   |
| S82.162K | TORUS FRACTURE OF UPPER END OF LEFT TIBIA, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION  |
| S82.169K | TORUS FRACTURE OF UPPER END OF UNSPECIFIED TIBIA, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                                     |
| S82.191K | OTHER FRACTURE OF UPPER END OF RIGHT TIBIA, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                                    |
| S82.191M | OTHER FRACTURE OF UPPER END OF RIGHT TIBIA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                         |
| S82.191N | OTHER FRACTURE OF UPPER END OF RIGHT TIBIA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION             |
| S82.192K | OTHER FRACTURE OF UPPER END OF LEFT TIBIA, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                                     |
| S82.192M | OTHER FRACTURE OF UPPER END OF LEFT TIBIA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                          |
| S82.192N | OTHER FRACTURE OF UPPER END OF LEFT TIBIA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION              |
| S82.199K | OTHER FRACTURE OF UPPER END OF UNSPECIFIED TIBIA, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                              |
| S82.199M | OTHER FRACTURE OF UPPER END OF UNSPECIFIED TIBIA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                   |
| S82.199N | OTHER FRACTURE OF UPPER END OF UNSPECIFIED TIBIA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION       |
| S82.201K | UNSPECIFIED FRACTURE OF SHAFT OF RIGHT TIBIA, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                                  |
| S82.201M | UNSPECIFIED FRACTURE OF SHAFT OF RIGHT TIBIA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                       |
| S82.201N | UNSPECIFIED FRACTURE OF SHAFT OF RIGHT TIBIA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION           |
| S82.202K | UNSPECIFIED FRACTURE OF SHAFT OF LEFT TIBIA, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                                   |
| S82.202M | UNSPECIFIED FRACTURE OF SHAFT OF LEFT TIBIA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                        |
| S82.202N | UNSPECIFIED FRACTURE OF SHAFT OF LEFT TIBIA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION            |
| S82.209K | UNSPECIFIED FRACTURE OF SHAFT OF UNSPECIFIED TIBIA, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                            |
| S82.209M | UNSPECIFIED FRACTURE OF SHAFT OF UNSPECIFIED TIBIA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                 |
| S82.209N | UNSPECIFIED FRACTURE OF SHAFT OF UNSPECIFIED TIBIA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION     |
| S82.221K | DISPLACED TRANSVERSE FRACTURE OF SHAFT OF RIGHT TIBIA, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                         |
| S82.221M | DISPLACED TRANSVERSE FRACTURE OF SHAFT OF RIGHT TIBIA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION              |
| S82.221N | DISPLACED TRANSVERSE FRACTURE OF SHAFT OF RIGHT TIBIA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION  |
| S82.222K | DISPLACED TRANSVERSE FRACTURE OF SHAFT OF LEFT TIBIA, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                          |

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| S82.222M | DISPLACED TRANSVERSE FRACTURE OF SHAFT OF LEFT TIBIA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                       |
| S82.222N | DISPLACED TRANSVERSE FRACTURE OF SHAFT OF LEFT TIBIA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION           |
| S82.223K | DISPLACED TRANSVERSE FRACTURE OF SHAFT OF UNSPECIFIED TIBIA, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                           |
| S82.223M | DISPLACED TRANSVERSE FRACTURE OF SHAFT OF UNSPECIFIED TIBIA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                |
| S82.223N | DISPLACED TRANSVERSE FRACTURE OF SHAFT OF UNSPECIFIED TIBIA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION    |
| S82.224K | NONDISPLACED TRANSVERSE FRACTURE OF SHAFT OF RIGHT TIBIA, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                              |
| S82.224M | NONDISPLACED TRANSVERSE FRACTURE OF SHAFT OF RIGHT TIBIA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                   |
| S82.224N | NONDISPLACED TRANSVERSE FRACTURE OF SHAFT OF RIGHT TIBIA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION       |
| S82.225K | NONDISPLACED TRANSVERSE FRACTURE OF SHAFT OF LEFT TIBIA, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                               |
| S82.225M | NONDISPLACED TRANSVERSE FRACTURE OF SHAFT OF LEFT TIBIA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                    |
| S82.225N | NONDISPLACED TRANSVERSE FRACTURE OF SHAFT OF LEFT TIBIA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION        |
| S82.226K | NONDISPLACED TRANSVERSE FRACTURE OF SHAFT OF UNSPECIFIED TIBIA, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                        |
| S82.226M | NONDISPLACED TRANSVERSE FRACTURE OF SHAFT OF UNSPECIFIED TIBIA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION             |
| S82.226N | NONDISPLACED TRANSVERSE FRACTURE OF SHAFT OF UNSPECIFIED TIBIA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION |
| S82.231K | DISPLACED OBLIQUE FRACTURE OF SHAFT OF RIGHT TIBIA, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                                    |
| S82.231M | DISPLACED OBLIQUE FRACTURE OF SHAFT OF RIGHT TIBIA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                         |
| S82.231N | DISPLACED OBLIQUE FRACTURE OF SHAFT OF RIGHT TIBIA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION             |
| S82.232K | DISPLACED OBLIQUE FRACTURE OF SHAFT OF LEFT TIBIA, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                                     |
| S82.232M | DISPLACED OBLIQUE FRACTURE OF SHAFT OF LEFT TIBIA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                          |
| S82.232N | DISPLACED OBLIQUE FRACTURE OF SHAFT OF LEFT TIBIA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION              |
| S82.233K | DISPLACED OBLIQUE FRACTURE OF SHAFT OF UNSPECIFIED TIBIA, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                              |
| S82.233M | DISPLACED OBLIQUE FRACTURE OF SHAFT OF UNSPECIFIED TIBIA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                   |
| S82.233N | DISPLACED OBLIQUE FRACTURE OF SHAFT OF UNSPECIFIED TIBIA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION       |
| S82.234K | NONDISPLACED OBLIQUE FRACTURE OF SHAFT OF RIGHT TIBIA, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                                 |
| S82.234M | NONDISPLACED OBLIQUE FRACTURE OF SHAFT OF RIGHT TIBIA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                      |
| S82.234N | NONDISPLACED OBLIQUE FRACTURE OF SHAFT OF RIGHT TIBIA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION          |
| S82.235K | NONDISPLACED OBLIQUE FRACTURE OF SHAFT OF LEFT TIBIA, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                                  |
| S82.235M | NONDISPLACED OBLIQUE FRACTURE OF SHAFT OF LEFT TIBIA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                       |
| S82.235N | NONDISPLACED OBLIQUE FRACTURE OF SHAFT OF LEFT TIBIA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION           |

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| S82.236K | NONDISPLACED OBLIQUE FRACTURE OF SHAFT OF UNSPECIFIED TIBIA, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                        |
| S82.236M | NONDISPLACED OBLIQUE FRACTURE OF SHAFT OF UNSPECIFIED TIBIA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION             |
| S82.236N | NONDISPLACED OBLIQUE FRACTURE OF SHAFT OF UNSPECIFIED TIBIA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION |
| S82.241K | DISPLACED SPIRAL FRACTURE OF SHAFT OF RIGHT TIBIA, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                                  |
| S82.241M | DISPLACED SPIRAL FRACTURE OF SHAFT OF RIGHT TIBIA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                       |
| S82.241N | DISPLACED SPIRAL FRACTURE OF SHAFT OF RIGHT TIBIA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION           |
| S82.242K | DISPLACED SPIRAL FRACTURE OF SHAFT OF LEFT TIBIA, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                                   |
| S82.242M | DISPLACED SPIRAL FRACTURE OF SHAFT OF LEFT TIBIA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                        |
| S82.242N | DISPLACED SPIRAL FRACTURE OF SHAFT OF LEFT TIBIA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION            |
| S82.243K | DISPLACED SPIRAL FRACTURE OF SHAFT OF UNSPECIFIED TIBIA, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                            |
| S82.243M | DISPLACED SPIRAL FRACTURE OF SHAFT OF UNSPECIFIED TIBIA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                 |
| S82.243N | DISPLACED SPIRAL FRACTURE OF SHAFT OF UNSPECIFIED TIBIA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION     |
| S82.244K | NONDISPLACED SPIRAL FRACTURE OF SHAFT OF RIGHT TIBIA, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                               |
| S82.244M | NONDISPLACED SPIRAL FRACTURE OF SHAFT OF RIGHT TIBIA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                    |
| S82.244N | NONDISPLACED SPIRAL FRACTURE OF SHAFT OF RIGHT TIBIA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION        |
| S82.245K | NONDISPLACED SPIRAL FRACTURE OF SHAFT OF LEFT TIBIA, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                                |
| S82.245M | NONDISPLACED SPIRAL FRACTURE OF SHAFT OF LEFT TIBIA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                     |
| S82.245N | NONDISPLACED SPIRAL FRACTURE OF SHAFT OF LEFT TIBIA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION         |
| S82.246K | NONDISPLACED SPIRAL FRACTURE OF SHAFT OF UNSPECIFIED TIBIA, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                         |
| S82.246M | NONDISPLACED SPIRAL FRACTURE OF SHAFT OF UNSPECIFIED TIBIA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION              |
| S82.246N | NONDISPLACED SPIRAL FRACTURE OF SHAFT OF UNSPECIFIED TIBIA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION  |
| S82.251K | DISPLACED COMMINUTED FRACTURE OF SHAFT OF RIGHT TIBIA, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                              |
| S82.251M | DISPLACED COMMINUTED FRACTURE OF SHAFT OF RIGHT TIBIA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                   |
| S82.251N | DISPLACED COMMINUTED FRACTURE OF SHAFT OF RIGHT TIBIA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION       |
| S82.252K | DISPLACED COMMINUTED FRACTURE OF SHAFT OF LEFT TIBIA, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                               |
| S82.252M | DISPLACED COMMINUTED FRACTURE OF SHAFT OF LEFT TIBIA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                    |
| S82.252N | DISPLACED COMMINUTED FRACTURE OF SHAFT OF LEFT TIBIA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION        |
| S82.253K | DISPLACED COMMINUTED FRACTURE OF SHAFT OF UNSPECIFIED TIBIA, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                        |
| S82.253M | DISPLACED COMMINUTED FRACTURE OF SHAFT OF UNSPECIFIED TIBIA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION             |



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| S82.253N | DISPLACED COMMINUTED FRACTURE OF SHAFT OF UNSPECIFIED TIBIA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION    |
| S82.254K | NONDISPLACED COMMINUTED FRACTURE OF SHAFT OF RIGHT TIBIA, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                              |
| S82.254M | NONDISPLACED COMMINUTED FRACTURE OF SHAFT OF RIGHT TIBIA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                   |
| S82.254N | NONDISPLACED COMMINUTED FRACTURE OF SHAFT OF RIGHT TIBIA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION       |
| S82.255K | NONDISPLACED COMMINUTED FRACTURE OF SHAFT OF LEFT TIBIA, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                               |
| S82.255M | NONDISPLACED COMMINUTED FRACTURE OF SHAFT OF LEFT TIBIA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                    |
| S82.255N | NONDISPLACED COMMINUTED FRACTURE OF SHAFT OF LEFT TIBIA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION        |
| S82.256K | NONDISPLACED COMMINUTED FRACTURE OF SHAFT OF UNSPECIFIED TIBIA, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                        |
| S82.256M | NONDISPLACED COMMINUTED FRACTURE OF SHAFT OF UNSPECIFIED TIBIA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION             |
| S82.256N | NONDISPLACED COMMINUTED FRACTURE OF SHAFT OF UNSPECIFIED TIBIA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION |
| S82.261K | DISPLACED SEGMENTAL FRACTURE OF SHAFT OF RIGHT TIBIA, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                                  |
| S82.261M | DISPLACED SEGMENTAL FRACTURE OF SHAFT OF RIGHT TIBIA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                       |
| S82.261N | DISPLACED SEGMENTAL FRACTURE OF SHAFT OF RIGHT TIBIA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION           |
| S82.262K | DISPLACED SEGMENTAL FRACTURE OF SHAFT OF LEFT TIBIA, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                                   |
| S82.262M | DISPLACED SEGMENTAL FRACTURE OF SHAFT OF LEFT TIBIA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                        |
| S82.262N | DISPLACED SEGMENTAL FRACTURE OF SHAFT OF LEFT TIBIA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION            |
| S82.263K | DISPLACED SEGMENTAL FRACTURE OF SHAFT OF UNSPECIFIED TIBIA, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                            |
| S82.263M | DISPLACED SEGMENTAL FRACTURE OF SHAFT OF UNSPECIFIED TIBIA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                 |
| S82.263N | DISPLACED SEGMENTAL FRACTURE OF SHAFT OF UNSPECIFIED TIBIA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION     |
| S82.264K | NONDISPLACED SEGMENTAL FRACTURE OF SHAFT OF RIGHT TIBIA, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                               |
| S82.264M | NONDISPLACED SEGMENTAL FRACTURE OF SHAFT OF RIGHT TIBIA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                    |
| S82.264N | NONDISPLACED SEGMENTAL FRACTURE OF SHAFT OF RIGHT TIBIA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION        |
| S82.265K | NONDISPLACED SEGMENTAL FRACTURE OF SHAFT OF LEFT TIBIA, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                                |
| S82.265M | NONDISPLACED SEGMENTAL FRACTURE OF SHAFT OF LEFT TIBIA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                     |
| S82.265N | NONDISPLACED SEGMENTAL FRACTURE OF SHAFT OF LEFT TIBIA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION         |
| S82.266K | NONDISPLACED SEGMENTAL FRACTURE OF SHAFT OF UNSPECIFIED TIBIA, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                         |
| S82.266M | NONDISPLACED SEGMENTAL FRACTURE OF SHAFT OF UNSPECIFIED TIBIA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION              |
| S82.266N | NONDISPLACED SEGMENTAL FRACTURE OF SHAFT OF UNSPECIFIED TIBIA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION  |
| S82.291K | OTHER FRACTURE OF SHAFT OF RIGHT TIBIA, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION  |

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| S82.291M | OTHER FRACTURE OF SHAFT OF RIGHT TIBIA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                             |
| S82.291N | OTHER FRACTURE OF SHAFT OF RIGHT TIBIA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION                 |
| S82.292K | OTHER FRACTURE OF SHAFT OF LEFT TIBIA, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION   |
| S82.292M | OTHER FRACTURE OF SHAFT OF LEFT TIBIA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                              |
| S82.292N | OTHER FRACTURE OF SHAFT OF LEFT TIBIA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION                  |
| S82.299K | OTHER FRACTURE OF SHAFT OF UNSPECIFIED TIBIA, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                                  |
| S82.299M | OTHER FRACTURE OF SHAFT OF UNSPECIFIED TIBIA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                       |
| S82.299N | OTHER FRACTURE OF SHAFT OF UNSPECIFIED TIBIA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION           |
| S82.301K | UNSPECIFIED FRACTURE OF LOWER END OF RIGHT TIBIA, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                              |
| S82.301M | UNSPECIFIED FRACTURE OF LOWER END OF RIGHT TIBIA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                   |
| S82.301N | UNSPECIFIED FRACTURE OF LOWER END OF RIGHT TIBIA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION       |
| S82.302K | UNSPECIFIED FRACTURE OF LOWER END OF LEFT TIBIA, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                               |
| S82.302M | UNSPECIFIED FRACTURE OF LOWER END OF LEFT TIBIA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                    |
| S82.302N | UNSPECIFIED FRACTURE OF LOWER END OF LEFT TIBIA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION        |
| S82.309K | UNSPECIFIED FRACTURE OF LOWER END OF UNSPECIFIED TIBIA, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                        |
| S82.309M | UNSPECIFIED FRACTURE OF LOWER END OF UNSPECIFIED TIBIA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION             |
| S82.309N | UNSPECIFIED FRACTURE OF LOWER END OF UNSPECIFIED TIBIA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION |
| S82.311K | TORUS FRACTURE OF LOWER END OF RIGHT TIBIA, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION   |
| S82.312K | TORUS FRACTURE OF LOWER END OF LEFT TIBIA, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION  |
| S82.319K | TORUS FRACTURE OF LOWER END OF UNSPECIFIED TIBIA, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                                     |
| S82.391K | OTHER FRACTURE OF LOWER END OF RIGHT TIBIA, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                                    |
| S82.391M | OTHER FRACTURE OF LOWER END OF RIGHT TIBIA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                         |
| S82.391N | OTHER FRACTURE OF LOWER END OF RIGHT TIBIA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION             |
| S82.392K | OTHER FRACTURE OF LOWER END OF LEFT TIBIA, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                                     |
| S82.392M | OTHER FRACTURE OF LOWER END OF LEFT TIBIA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                          |
| S82.392N | OTHER FRACTURE OF LOWER END OF LEFT TIBIA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION              |
| S82.399K | OTHER FRACTURE OF LOWER END OF UNSPECIFIED TIBIA, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                              |
| S82.399M | OTHER FRACTURE OF LOWER END OF UNSPECIFIED TIBIA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                   |
| S82.399N | OTHER FRACTURE OF LOWER END OF UNSPECIFIED TIBIA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION       |

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| S82.401K | UNSPECIFIED FRACTURE OF SHAFT OF RIGHT FIBULA, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION  |
| S82.401M | UNSPECIFIED FRACTURE OF SHAFT OF RIGHT FIBULA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                               |
| S82.401N | UNSPECIFIED FRACTURE OF SHAFT OF RIGHT FIBULA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION                   |
| S82.402K | UNSPECIFIED FRACTURE OF SHAFT OF LEFT FIBULA, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION   |
| S82.402M | UNSPECIFIED FRACTURE OF SHAFT OF LEFT FIBULA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                                |
| S82.402N | UNSPECIFIED FRACTURE OF SHAFT OF LEFT FIBULA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION                    |
| S82.409K | UNSPECIFIED FRACTURE OF SHAFT OF UNSPECIFIED FIBULA, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                                    |
| S82.409M | UNSPECIFIED FRACTURE OF SHAFT OF UNSPECIFIED FIBULA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                         |
| S82.409N | UNSPECIFIED FRACTURE OF SHAFT OF UNSPECIFIED FIBULA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION             |
| S82.421K | DISPLACED TRANSVERSE FRACTURE OF SHAFT OF RIGHT FIBULA, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                                 |
| S82.421M | DISPLACED TRANSVERSE FRACTURE OF SHAFT OF RIGHT FIBULA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                      |
| S82.421N | DISPLACED TRANSVERSE FRACTURE OF SHAFT OF RIGHT FIBULA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION          |
| S82.422K | DISPLACED TRANSVERSE FRACTURE OF SHAFT OF LEFT FIBULA, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                                  |
| S82.422M | DISPLACED TRANSVERSE FRACTURE OF SHAFT OF LEFT FIBULA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                       |
| S82.422N | DISPLACED TRANSVERSE FRACTURE OF SHAFT OF LEFT FIBULA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION           |
| S82.423K | DISPLACED TRANSVERSE FRACTURE OF SHAFT OF UNSPECIFIED FIBULA, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                           |
| S82.423M | DISPLACED TRANSVERSE FRACTURE OF SHAFT OF UNSPECIFIED FIBULA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                |
| S82.423N | DISPLACED TRANSVERSE FRACTURE OF SHAFT OF UNSPECIFIED FIBULA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION    |
| S82.424K | NONDISPLACED TRANSVERSE FRACTURE OF SHAFT OF RIGHT FIBULA, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                              |
| S82.424M | NONDISPLACED TRANSVERSE FRACTURE OF SHAFT OF RIGHT FIBULA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                   |
| S82.424N | NONDISPLACED TRANSVERSE FRACTURE OF SHAFT OF RIGHT FIBULA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION       |
| S82.425K | NONDISPLACED TRANSVERSE FRACTURE OF SHAFT OF LEFT FIBULA, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                               |
| S82.425M | NONDISPLACED TRANSVERSE FRACTURE OF SHAFT OF LEFT FIBULA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                    |
| S82.425N | NONDISPLACED TRANSVERSE FRACTURE OF SHAFT OF LEFT FIBULA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION        |
| S82.426K | NONDISPLACED TRANSVERSE FRACTURE OF SHAFT OF UNSPECIFIED FIBULA, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                        |
| S82.426M | NONDISPLACED TRANSVERSE FRACTURE OF SHAFT OF UNSPECIFIED FIBULA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION             |
| S82.426N | NONDISPLACED TRANSVERSE FRACTURE OF SHAFT OF UNSPECIFIED FIBULA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION |
| S82.431K | DISPLACED OBLIQUE FRACTURE OF SHAFT OF RIGHT FIBULA, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                                    |
| S82.431M | DISPLACED OBLIQUE FRACTURE OF SHAFT OF RIGHT FIBULA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                         |

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| S82.431N | DISPLACED OBLIQUE FRACTURE OF SHAFT OF RIGHT FIBULA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION          |
| S82.432K | DISPLACED OBLIQUE FRACTURE OF SHAFT OF LEFT FIBULA, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                                  |
| S82.432M | DISPLACED OBLIQUE FRACTURE OF SHAFT OF LEFT FIBULA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                       |
| S82.432N | DISPLACED OBLIQUE FRACTURE OF SHAFT OF LEFT FIBULA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION           |
| S82.433K | DISPLACED OBLIQUE FRACTURE OF SHAFT OF UNSPECIFIED FIBULA, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                           |
| S82.433M | DISPLACED OBLIQUE FRACTURE OF SHAFT OF UNSPECIFIED FIBULA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                |
| S82.433N | DISPLACED OBLIQUE FRACTURE OF SHAFT OF UNSPECIFIED FIBULA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION    |
| S82.434K | NONDISPLACED OBLIQUE FRACTURE OF SHAFT OF RIGHT FIBULA, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                              |
| S82.434M | NONDISPLACED OBLIQUE FRACTURE OF SHAFT OF RIGHT FIBULA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                   |
| S82.434N | NONDISPLACED OBLIQUE FRACTURE OF SHAFT OF RIGHT FIBULA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION       |
| S82.435K | NONDISPLACED OBLIQUE FRACTURE OF SHAFT OF LEFT FIBULA, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                               |
| S82.435M | NONDISPLACED OBLIQUE FRACTURE OF SHAFT OF LEFT FIBULA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                    |
| S82.435N | NONDISPLACED OBLIQUE FRACTURE OF SHAFT OF LEFT FIBULA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION        |
| S82.436K | NONDISPLACED OBLIQUE FRACTURE OF SHAFT OF UNSPECIFIED FIBULA, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                        |
| S82.436M | NONDISPLACED OBLIQUE FRACTURE OF SHAFT OF UNSPECIFIED FIBULA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION             |
| S82.436N | NONDISPLACED OBLIQUE FRACTURE OF SHAFT OF UNSPECIFIED FIBULA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION |
| S82.441K | DISPLACED SPIRAL FRACTURE OF SHAFT OF RIGHT FIBULA, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                                  |
| S82.441M | DISPLACED SPIRAL FRACTURE OF SHAFT OF RIGHT FIBULA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                       |
| S82.441N | DISPLACED SPIRAL FRACTURE OF SHAFT OF RIGHT FIBULA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION           |
| S82.442K | DISPLACED SPIRAL FRACTURE OF SHAFT OF LEFT FIBULA, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                                   |
| S82.442M | DISPLACED SPIRAL FRACTURE OF SHAFT OF LEFT FIBULA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                        |
| S82.442N | DISPLACED SPIRAL FRACTURE OF SHAFT OF LEFT FIBULA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION            |
| S82.443K | DISPLACED SPIRAL FRACTURE OF SHAFT OF UNSPECIFIED FIBULA, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                            |
| S82.443M | DISPLACED SPIRAL FRACTURE OF SHAFT OF UNSPECIFIED FIBULA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                 |
| S82.443N | DISPLACED SPIRAL FRACTURE OF SHAFT OF UNSPECIFIED FIBULA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION     |
| S82.444K | NONDISPLACED SPIRAL FRACTURE OF SHAFT OF RIGHT FIBULA, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                               |
| S82.444M | NONDISPLACED SPIRAL FRACTURE OF SHAFT OF RIGHT FIBULA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                    |
| S82.444N | NONDISPLACED SPIRAL FRACTURE OF SHAFT OF RIGHT FIBULA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION        |
| S82.445K | NONDISPLACED SPIRAL FRACTURE OF SHAFT OF LEFT FIBULA, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                                |

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| S82.445M | NONDISPLACED SPIRAL FRACTURE OF SHAFT OF LEFT FIBULA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                        |
| S82.445N | NONDISPLACED SPIRAL FRACTURE OF SHAFT OF LEFT FIBULA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION            |
| S82.446K | NONDISPLACED SPIRAL FRACTURE OF SHAFT OF UNSPECIFIED FIBULA, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                            |
| S82.446M | NONDISPLACED SPIRAL FRACTURE OF SHAFT OF UNSPECIFIED FIBULA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                 |
| S82.446N | NONDISPLACED SPIRAL FRACTURE OF SHAFT OF UNSPECIFIED FIBULA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION     |
| S82.451K | DISPLACED COMMINUTED FRACTURE OF SHAFT OF RIGHT FIBULA, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                                 |
| S82.451M | DISPLACED COMMINUTED FRACTURE OF SHAFT OF RIGHT FIBULA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                      |
| S82.451N | DISPLACED COMMINUTED FRACTURE OF SHAFT OF RIGHT FIBULA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION          |
| S82.452K | DISPLACED COMMINUTED FRACTURE OF SHAFT OF LEFT FIBULA, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                                  |
| S82.452M | DISPLACED COMMINUTED FRACTURE OF SHAFT OF LEFT FIBULA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                       |
| S82.452N | DISPLACED COMMINUTED FRACTURE OF SHAFT OF LEFT FIBULA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION           |
| S82.453K | DISPLACED COMMINUTED FRACTURE OF SHAFT OF UNSPECIFIED FIBULA, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                           |
| S82.453M | DISPLACED COMMINUTED FRACTURE OF SHAFT OF UNSPECIFIED FIBULA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                |
| S82.453N | DISPLACED COMMINUTED FRACTURE OF SHAFT OF UNSPECIFIED FIBULA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION    |
| S82.454K | NONDISPLACED COMMINUTED FRACTURE OF SHAFT OF RIGHT FIBULA, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                              |
| S82.454M | NONDISPLACED COMMINUTED FRACTURE OF SHAFT OF RIGHT FIBULA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                   |
| S82.454N | NONDISPLACED COMMINUTED FRACTURE OF SHAFT OF RIGHT FIBULA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION       |
| S82.455K | NONDISPLACED COMMINUTED FRACTURE OF SHAFT OF LEFT FIBULA, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                               |
| S82.455M | NONDISPLACED COMMINUTED FRACTURE OF SHAFT OF LEFT FIBULA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                    |
| S82.455N | NONDISPLACED COMMINUTED FRACTURE OF SHAFT OF LEFT FIBULA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION        |
| S82.456K | NONDISPLACED COMMINUTED FRACTURE OF SHAFT OF UNSPECIFIED FIBULA, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                        |
| S82.456M | NONDISPLACED COMMINUTED FRACTURE OF SHAFT OF UNSPECIFIED FIBULA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION             |
| S82.456N | NONDISPLACED COMMINUTED FRACTURE OF SHAFT OF UNSPECIFIED FIBULA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION |
| S82.461K | DISPLACED SEGMENTAL FRACTURE OF SHAFT OF RIGHT FIBULA, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                                  |
| S82.461M | DISPLACED SEGMENTAL FRACTURE OF SHAFT OF RIGHT FIBULA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                       |
| S82.461N | DISPLACED SEGMENTAL FRACTURE OF SHAFT OF RIGHT FIBULA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION           |
| S82.462K | DISPLACED SEGMENTAL FRACTURE OF SHAFT OF LEFT FIBULA, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                                   |
| S82.462M | DISPLACED SEGMENTAL FRACTURE OF SHAFT OF LEFT FIBULA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                        |
| S82.462N | DISPLACED SEGMENTAL FRACTURE OF SHAFT OF LEFT FIBULA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION            |

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| S82.463K | DISPLACED SEGMENTAL FRACTURE OF SHAFT OF UNSPECIFIED FIBULA, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                           |
| S82.463M | DISPLACED SEGMENTAL FRACTURE OF SHAFT OF UNSPECIFIED FIBULA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                |
| S82.463N | DISPLACED SEGMENTAL FRACTURE OF SHAFT OF UNSPECIFIED FIBULA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION    |
| S82.464K | NONDISPLACED SEGMENTAL FRACTURE OF SHAFT OF RIGHT FIBULA, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                              |
| S82.464M | NONDISPLACED SEGMENTAL FRACTURE OF SHAFT OF RIGHT FIBULA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                   |
| S82.464N | NONDISPLACED SEGMENTAL FRACTURE OF SHAFT OF RIGHT FIBULA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION       |
| S82.465K | NONDISPLACED SEGMENTAL FRACTURE OF SHAFT OF LEFT FIBULA, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                               |
| S82.465M | NONDISPLACED SEGMENTAL FRACTURE OF SHAFT OF LEFT FIBULA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                    |
| S82.465N | NONDISPLACED SEGMENTAL FRACTURE OF SHAFT OF LEFT FIBULA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION        |
| S82.466K | NONDISPLACED SEGMENTAL FRACTURE OF SHAFT OF UNSPECIFIED FIBULA, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                        |
| S82.466M | NONDISPLACED SEGMENTAL FRACTURE OF SHAFT OF UNSPECIFIED FIBULA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION             |
| S82.466N | NONDISPLACED SEGMENTAL FRACTURE OF SHAFT OF UNSPECIFIED FIBULA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION |
| S82.491K | OTHER FRACTURE OF SHAFT OF RIGHT FIBULA, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION   |
| S82.491M | OTHER FRACTURE OF SHAFT OF RIGHT FIBULA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                                    |
| S82.491N | OTHER FRACTURE OF SHAFT OF RIGHT FIBULA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION                        |
| S82.492K | OTHER FRACTURE OF SHAFT OF LEFT FIBULA, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION  |
| S82.492M | OTHER FRACTURE OF SHAFT OF LEFT FIBULA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                                     |
| S82.492N | OTHER FRACTURE OF SHAFT OF LEFT FIBULA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION                         |
| S82.499K | OTHER FRACTURE OF SHAFT OF UNSPECIFIED FIBULA, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION   |
| S82.499M | OTHER FRACTURE OF SHAFT OF UNSPECIFIED FIBULA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                              |
| S82.499N | OTHER FRACTURE OF SHAFT OF UNSPECIFIED FIBULA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION                  |
| S82.51XK | DISPLACED FRACTURE OF MEDIAL MALLEOLUS OF RIGHT TIBIA, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                                 |
| S82.51XM | DISPLACED FRACTURE OF MEDIAL MALLEOLUS OF RIGHT TIBIA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                      |
| S82.51XN | DISPLACED FRACTURE OF MEDIAL MALLEOLUS OF RIGHT TIBIA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION          |
| S82.52XK | DISPLACED FRACTURE OF MEDIAL MALLEOLUS OF LEFT TIBIA, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                                  |
| S82.52XM | DISPLACED FRACTURE OF MEDIAL MALLEOLUS OF LEFT TIBIA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                       |
| S82.52XN | DISPLACED FRACTURE OF MEDIAL MALLEOLUS OF LEFT TIBIA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION           |
| S82.53XK | DISPLACED FRACTURE OF MEDIAL MALLEOLUS OF UNSPECIFIED TIBIA, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                           |
| S82.53XM | DISPLACED FRACTURE OF MEDIAL MALLEOLUS OF UNSPECIFIED TIBIA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                |

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| S82.53XN | DISPLACED FRACTURE OF MEDIAL MALLEOLUS OF UNSPECIFIED TIBIA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION      |
| S82.54XK | NONDISPLACED FRACTURE OF MEDIAL MALLEOLUS OF RIGHT TIBIA, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                                |
| S82.54XM | NONDISPLACED FRACTURE OF MEDIAL MALLEOLUS OF RIGHT TIBIA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                     |
| S82.54XN | NONDISPLACED FRACTURE OF MEDIAL MALLEOLUS OF RIGHT TIBIA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION         |
| S82.55XK | NONDISPLACED FRACTURE OF MEDIAL MALLEOLUS OF LEFT TIBIA, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                                 |
| S82.55XM | NONDISPLACED FRACTURE OF MEDIAL MALLEOLUS OF LEFT TIBIA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                      |
| S82.55XN | NONDISPLACED FRACTURE OF MEDIAL MALLEOLUS OF LEFT TIBIA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION          |
| S82.56XK | NONDISPLACED FRACTURE OF MEDIAL MALLEOLUS OF UNSPECIFIED TIBIA, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                          |
| S82.56XM | NONDISPLACED FRACTURE OF MEDIAL MALLEOLUS OF UNSPECIFIED TIBIA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION               |
| S82.56XN | NONDISPLACED FRACTURE OF MEDIAL MALLEOLUS OF UNSPECIFIED TIBIA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION   |
| S82.61XK | DISPLACED FRACTURE OF LATERAL MALLEOLUS OF RIGHT FIBULA, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                                 |
| S82.61XM | DISPLACED FRACTURE OF LATERAL MALLEOLUS OF RIGHT FIBULA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                      |
| S82.61XN | DISPLACED FRACTURE OF LATERAL MALLEOLUS OF RIGHT FIBULA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION          |
| S82.62XK | DISPLACED FRACTURE OF LATERAL MALLEOLUS OF LEFT FIBULA, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                                  |
| S82.62XM | DISPLACED FRACTURE OF LATERAL MALLEOLUS OF LEFT FIBULA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                       |
| S82.62XN | DISPLACED FRACTURE OF LATERAL MALLEOLUS OF LEFT FIBULA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION           |
| S82.63XK | DISPLACED FRACTURE OF LATERAL MALLEOLUS OF UNSPECIFIED FIBULA, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                           |
| S82.63XM | DISPLACED FRACTURE OF LATERAL MALLEOLUS OF UNSPECIFIED FIBULA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                |
| S82.63XN | DISPLACED FRACTURE OF LATERAL MALLEOLUS OF UNSPECIFIED FIBULA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION    |
| S82.64XK | NONDISPLACED FRACTURE OF LATERAL MALLEOLUS OF RIGHT FIBULA, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                              |
| S82.64XM | NONDISPLACED FRACTURE OF LATERAL MALLEOLUS OF RIGHT FIBULA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                   |
| S82.64XN | NONDISPLACED FRACTURE OF LATERAL MALLEOLUS OF RIGHT FIBULA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION       |
| S82.65XK | NONDISPLACED FRACTURE OF LATERAL MALLEOLUS OF LEFT FIBULA, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                               |
| S82.65XM | NONDISPLACED FRACTURE OF LATERAL MALLEOLUS OF LEFT FIBULA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                    |
| S82.65XN | NONDISPLACED FRACTURE OF LATERAL MALLEOLUS OF LEFT FIBULA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION        |
| S82.66XK | NONDISPLACED FRACTURE OF LATERAL MALLEOLUS OF UNSPECIFIED FIBULA, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                        |
| S82.66XM | NONDISPLACED FRACTURE OF LATERAL MALLEOLUS OF UNSPECIFIED FIBULA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION             |
| S82.66XN | NONDISPLACED FRACTURE OF LATERAL MALLEOLUS OF UNSPECIFIED FIBULA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION |
| S82.90XK | UNSPECIFIED FRACTURE OF UNSPECIFIED LOWER LEG, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION   |

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| S82.90XM | UNSPECIFIED FRACTURE OF UNSPECIFIED LOWER LEG, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                           |
| S82.90XN | UNSPECIFIED FRACTURE OF UNSPECIFIED LOWER LEG, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION               |
| S82.91XK | UNSPECIFIED FRACTURE OF RIGHT LOWER LEG, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION  |
| S82.91XM | UNSPECIFIED FRACTURE OF RIGHT LOWER LEG, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                                 |
| S82.91XN | UNSPECIFIED FRACTURE OF RIGHT LOWER LEG, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION                     |
| S82.92XK | UNSPECIFIED FRACTURE OF LEFT LOWER LEG, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION   |
| S82.92XM | UNSPECIFIED FRACTURE OF LEFT LOWER LEG, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                                  |
| S82.92XN | UNSPECIFIED FRACTURE OF LEFT LOWER LEG, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION                      |
| S82.811K | TORUS FRACTURE OF UPPER END OF RIGHT FIBULA, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION   |
| S82.812K | TORUS FRACTURE OF UPPER END OF LEFT FIBULA, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION  |
| S82.819K | TORUS FRACTURE OF UPPER END OF UNSPECIFIED FIBULA, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION   |
| S82.821K | TORUS FRACTURE OF LOWER END OF RIGHT FIBULA, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION   |
| S82.822K | TORUS FRACTURE OF LOWER END OF LEFT FIBULA, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION  |
| S82.829K | TORUS FRACTURE OF LOWER END OF UNSPECIFIED FIBULA, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION   |
| S82.831K | OTHER FRACTURE OF UPPER AND LOWER END OF RIGHT FIBULA, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                              |
| S82.831M | OTHER FRACTURE OF UPPER AND LOWER END OF RIGHT FIBULA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                   |
| S82.831N | OTHER FRACTURE OF UPPER AND LOWER END OF RIGHT FIBULA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION       |
| S82.832K | OTHER FRACTURE OF UPPER AND LOWER END OF LEFT FIBULA, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                               |
| S82.832M | OTHER FRACTURE OF UPPER AND LOWER END OF LEFT FIBULA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                    |
| S82.832N | OTHER FRACTURE OF UPPER AND LOWER END OF LEFT FIBULA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION        |
| S82.839K | OTHER FRACTURE OF UPPER AND LOWER END OF UNSPECIFIED FIBULA, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                        |
| S82.839M | OTHER FRACTURE OF UPPER AND LOWER END OF UNSPECIFIED FIBULA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION             |
| S82.839N | OTHER FRACTURE OF UPPER AND LOWER END OF UNSPECIFIED FIBULA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION |
| S82.841K | DISPLACED BIMALLEOLAR FRACTURE OF RIGHT LOWER LEG, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                                  |
| S82.841M | DISPLACED BIMALLEOLAR FRACTURE OF RIGHT LOWER LEG, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                       |
| S82.841N | DISPLACED BIMALLEOLAR FRACTURE OF RIGHT LOWER LEG, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION           |
| S82.842K | DISPLACED BIMALLEOLAR FRACTURE OF LEFT LOWER LEG, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                                   |
| S82.842M | DISPLACED BIMALLEOLAR FRACTURE OF LEFT LOWER LEG, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                        |
| S82.842N | DISPLACED BIMALLEOLAR FRACTURE OF LEFT LOWER LEG, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION            |



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| S82.843K | DISPLACED BIMALLEOLAR FRACTURE OF UNSPECIFIED LOWER LEG, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                           |
| S82.843M | DISPLACED BIMALLEOLAR FRACTURE OF UNSPECIFIED LOWER LEG, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                |
| S82.843N | DISPLACED BIMALLEOLAR FRACTURE OF UNSPECIFIED LOWER LEG, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION    |
| S82.844K | NONDISPLACED BIMALLEOLAR FRACTURE OF RIGHT LOWER LEG, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                              |
| S82.844M | NONDISPLACED BIMALLEOLAR FRACTURE OF RIGHT LOWER LEG, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                   |
| S82.844N | NONDISPLACED BIMALLEOLAR FRACTURE OF RIGHT LOWER LEG, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION       |
| S82.845K | NONDISPLACED BIMALLEOLAR FRACTURE OF LEFT LOWER LEG, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                               |
| S82.845M | NONDISPLACED BIMALLEOLAR FRACTURE OF LEFT LOWER LEG, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                    |
| S82.845N | NONDISPLACED BIMALLEOLAR FRACTURE OF LEFT LOWER LEG, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION        |
| S82.846K | NONDISPLACED BIMALLEOLAR FRACTURE OF UNSPECIFIED LOWER LEG, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                        |
| S82.846M | NONDISPLACED BIMALLEOLAR FRACTURE OF UNSPECIFIED LOWER LEG, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION             |
| S82.846N | NONDISPLACED BIMALLEOLAR FRACTURE OF UNSPECIFIED LOWER LEG, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION |
| S82.851K | DISPLACED TRIMALLEOLAR FRACTURE OF RIGHT LOWER LEG, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                                |
| S82.851M | DISPLACED TRIMALLEOLAR FRACTURE OF RIGHT LOWER LEG, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                     |
| S82.851N | DISPLACED TRIMALLEOLAR FRACTURE OF RIGHT LOWER LEG, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION         |
| S82.852K | DISPLACED TRIMALLEOLAR FRACTURE OF LEFT LOWER LEG, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                                 |
| S82.852M | DISPLACED TRIMALLEOLAR FRACTURE OF LEFT LOWER LEG, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                      |
| S82.852N | DISPLACED TRIMALLEOLAR FRACTURE OF LEFT LOWER LEG, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION          |
| S82.853K | DISPLACED TRIMALLEOLAR FRACTURE OF UNSPECIFIED LOWER LEG, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                          |
| S82.853M | DISPLACED TRIMALLEOLAR FRACTURE OF UNSPECIFIED LOWER LEG, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION               |
| S82.853N | DISPLACED TRIMALLEOLAR FRACTURE OF UNSPECIFIED LOWER LEG, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION   |
| S82.854K | NONDISPLACED TRIMALLEOLAR FRACTURE OF RIGHT LOWER LEG, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                             |
| S82.854M | NONDISPLACED TRIMALLEOLAR FRACTURE OF RIGHT LOWER LEG, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                  |
| S82.854N | NONDISPLACED TRIMALLEOLAR FRACTURE OF RIGHT LOWER LEG, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION      |
| S82.855K | NONDISPLACED TRIMALLEOLAR FRACTURE OF LEFT LOWER LEG, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                              |
| S82.855M | NONDISPLACED TRIMALLEOLAR FRACTURE OF LEFT LOWER LEG, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                   |
| S82.855N | NONDISPLACED TRIMALLEOLAR FRACTURE OF LEFT LOWER LEG, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION       |
| S82.856K | NONDISPLACED TRIMALLEOLAR FRACTURE OF UNSPECIFIED LOWER LEG, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                       |
| S82.856M | NONDISPLACED TRIMALLEOLAR FRACTURE OF UNSPECIFIED LOWER LEG, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION            |

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| S82.856N | NONDISPLACED TRIMALLEOLAR FRACTURE OF UNSPECIFIED LOWER LEG, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION |
| S82.861K | DISPLACED MAISONNEUVE'S FRACTURE OF RIGHT LEG, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                                      |
| S82.861M | DISPLACED MAISONNEUVE'S FRACTURE OF RIGHT LEG, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                           |
| S82.861N | DISPLACED MAISONNEUVE'S FRACTURE OF RIGHT LEG, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION               |
| S82.862K | DISPLACED MAISONNEUVE'S FRACTURE OF LEFT LEG, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                                       |
| S82.862M | DISPLACED MAISONNEUVE'S FRACTURE OF LEFT LEG, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                            |
| S82.862N | DISPLACED MAISONNEUVE'S FRACTURE OF LEFT LEG, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION                |
| S82.863K | DISPLACED MAISONNEUVE'S FRACTURE OF UNSPECIFIED LEG, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                                |
| S82.863M | DISPLACED MAISONNEUVE'S FRACTURE OF UNSPECIFIED LEG, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                     |
| S82.863N | DISPLACED MAISONNEUVE'S FRACTURE OF UNSPECIFIED LEG, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION         |
| S82.864K | NONDISPLACED MAISONNEUVE'S FRACTURE OF RIGHT LEG, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                                   |
| S82.864M | NONDISPLACED MAISONNEUVE'S FRACTURE OF RIGHT LEG, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                        |
| S82.864N | NONDISPLACED MAISONNEUVE'S FRACTURE OF RIGHT LEG, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION            |
| S82.865K | NONDISPLACED MAISONNEUVE'S FRACTURE OF LEFT LEG, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                                    |
| S82.865M | NONDISPLACED MAISONNEUVE'S FRACTURE OF LEFT LEG, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                         |
| S82.865N | NONDISPLACED MAISONNEUVE'S FRACTURE OF LEFT LEG, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION             |
| S82.866K | NONDISPLACED MAISONNEUVE'S FRACTURE OF UNSPECIFIED LEG, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                             |
| S82.866M | NONDISPLACED MAISONNEUVE'S FRACTURE OF UNSPECIFIED LEG, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                  |
| S82.866N | NONDISPLACED MAISONNEUVE'S FRACTURE OF UNSPECIFIED LEG, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION      |
| S82.871K | DISPLACED PILON FRACTURE OF RIGHT TIBIA, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION  |
| S82.871M | DISPLACED PILON FRACTURE OF RIGHT TIBIA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                                 |
| S82.871N | DISPLACED PILON FRACTURE OF RIGHT TIBIA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION                     |
| S82.872K | DISPLACED PILON FRACTURE OF LEFT TIBIA, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION   |
| S82.872M | DISPLACED PILON FRACTURE OF LEFT TIBIA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                                  |
| S82.872N | DISPLACED PILON FRACTURE OF LEFT TIBIA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION                      |
| S82.873K | DISPLACED PILON FRACTURE OF UNSPECIFIED TIBIA, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                                      |
| S82.873M | DISPLACED PILON FRACTURE OF UNSPECIFIED TIBIA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                           |
| S82.873N | DISPLACED PILON FRACTURE OF UNSPECIFIED TIBIA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION               |
| S82.874K | NONDISPLACED PILON FRACTURE OF RIGHT TIBIA, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION   |

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| S82.874M | NONDISPLACED PILON FRACTURE OF RIGHT TIBIA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                   |
| S82.874N | NONDISPLACED PILON FRACTURE OF RIGHT TIBIA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION       |
| S82.875K | NONDISPLACED PILON FRACTURE OF LEFT TIBIA, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                               |
| S82.875M | NONDISPLACED PILON FRACTURE OF LEFT TIBIA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                    |
| S82.875N | NONDISPLACED PILON FRACTURE OF LEFT TIBIA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION        |
| S82.876K | NONDISPLACED PILON FRACTURE OF UNSPECIFIED TIBIA, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                        |
| S82.876M | NONDISPLACED PILON FRACTURE OF UNSPECIFIED TIBIA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION             |
| S82.876N | NONDISPLACED PILON FRACTURE OF UNSPECIFIED TIBIA, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION |
| S82.891K | OTHER FRACTURE OF RIGHT LOWER LEG, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                                       |
| S82.891M | OTHER FRACTURE OF RIGHT LOWER LEG, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                            |
| S82.891N | OTHER FRACTURE OF RIGHT LOWER LEG, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION                |
| S82.892K | OTHER FRACTURE OF LEFT LOWER LEG, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION  |
| S82.892M | OTHER FRACTURE OF LEFT LOWER LEG, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                             |
| S82.892N | OTHER FRACTURE OF LEFT LOWER LEG, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION                 |
| S82.899K | OTHER FRACTURE OF UNSPECIFIED LOWER LEG, SUBSEQUENT ENCOUNTER FOR CLOSED FRACTURE WITH NONUNION                                 |
| S82.899M | OTHER FRACTURE OF UNSPECIFIED LOWER LEG, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE I OR II WITH NONUNION                      |
| S82.899N | OTHER FRACTURE OF UNSPECIFIED LOWER LEG, SUBSEQUENT ENCOUNTER FOR OPEN FRACTURE TYPE IIIA, IIIB, OR IIIC WITH NONUNION          |
| S89.001K | UNSPECIFIED PHYSEAL FRACTURE OF UPPER END OF RIGHT TIBIA, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                       |
| S89.002K | UNSPECIFIED PHYSEAL FRACTURE OF UPPER END OF LEFT TIBIA, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                        |
| S89.009K | UNSPECIFIED PHYSEAL FRACTURE OF UPPER END OF UNSPECIFIED TIBIA, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                 |
| S89.011K | SALTER-HARRIS TYPE I PHYSEAL FRACTURE OF UPPER END OF RIGHT TIBIA, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION              |
| S89.012K | SALTER-HARRIS TYPE I PHYSEAL FRACTURE OF UPPER END OF LEFT TIBIA, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION               |
| S89.019K | SALTER-HARRIS TYPE I PHYSEAL FRACTURE OF UPPER END OF UNSPECIFIED TIBIA, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION        |
| S89.021K | SALTER-HARRIS TYPE II PHYSEAL FRACTURE OF UPPER END OF RIGHT TIBIA, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION             |
| S89.022K | SALTER-HARRIS TYPE II PHYSEAL FRACTURE OF UPPER END OF LEFT TIBIA, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION              |
| S89.029K | SALTER-HARRIS TYPE II PHYSEAL FRACTURE OF UPPER END OF UNSPECIFIED TIBIA, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION       |
| S89.031K | SALTER-HARRIS TYPE III PHYSEAL FRACTURE OF UPPER END OF RIGHT TIBIA, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION            |
| S89.032K | SALTER-HARRIS TYPE III PHYSEAL FRACTURE OF UPPER END OF LEFT TIBIA, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION             |
| S89.039K | SALTER-HARRIS TYPE III PHYSEAL FRACTURE OF UPPER END OF UNSPECIFIED TIBIA, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION      |

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| S89.041K | SALTER-HARRIS TYPE IV PHYSEAL FRACTURE OF UPPER END OF RIGHT TIBIA, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION        |
| S89.042K | SALTER-HARRIS TYPE IV PHYSEAL FRACTURE OF UPPER END OF LEFT TIBIA, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION         |
| S89.049K | SALTER-HARRIS TYPE IV PHYSEAL FRACTURE OF UPPER END OF UNSPECIFIED TIBIA, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION  |
| S89.091K | OTHER PHYSEAL FRACTURE OF UPPER END OF RIGHT TIBIA, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                        |
| S89.092K | OTHER PHYSEAL FRACTURE OF UPPER END OF LEFT TIBIA, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                         |
| S89.099K | OTHER PHYSEAL FRACTURE OF UPPER END OF UNSPECIFIED TIBIA, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                  |
| S89.101K | UNSPECIFIED PHYSEAL FRACTURE OF LOWER END OF RIGHT TIBIA, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                  |
| S89.102K | UNSPECIFIED PHYSEAL FRACTURE OF LOWER END OF LEFT TIBIA, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                   |
| S89.109K | UNSPECIFIED PHYSEAL FRACTURE OF LOWER END OF UNSPECIFIED TIBIA, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION            |
| S89.111K | SALTER-HARRIS TYPE I PHYSEAL FRACTURE OF LOWER END OF RIGHT TIBIA, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION         |
| S89.112K | SALTER-HARRIS TYPE I PHYSEAL FRACTURE OF LOWER END OF LEFT TIBIA, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION          |
| S89.119K | SALTER-HARRIS TYPE I PHYSEAL FRACTURE OF LOWER END OF UNSPECIFIED TIBIA, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION   |
| S89.121K | SALTER-HARRIS TYPE II PHYSEAL FRACTURE OF LOWER END OF RIGHT TIBIA, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION        |
| S89.122K | SALTER-HARRIS TYPE II PHYSEAL FRACTURE OF LOWER END OF LEFT TIBIA, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION         |
| S89.129K | SALTER-HARRIS TYPE II PHYSEAL FRACTURE OF LOWER END OF UNSPECIFIED TIBIA, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION  |
| S89.131K | SALTER-HARRIS TYPE III PHYSEAL FRACTURE OF LOWER END OF RIGHT TIBIA, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION       |
| S89.132K | SALTER-HARRIS TYPE III PHYSEAL FRACTURE OF LOWER END OF LEFT TIBIA, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION        |
| S89.139K | SALTER-HARRIS TYPE III PHYSEAL FRACTURE OF LOWER END OF UNSPECIFIED TIBIA, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION |
| S89.141K | SALTER-HARRIS TYPE IV PHYSEAL FRACTURE OF LOWER END OF RIGHT TIBIA, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION        |
| S89.142K | SALTER-HARRIS TYPE IV PHYSEAL FRACTURE OF LOWER END OF LEFT TIBIA, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION         |
| S89.149K | SALTER-HARRIS TYPE IV PHYSEAL FRACTURE OF LOWER END OF UNSPECIFIED TIBIA, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION  |
| S89.191K | OTHER PHYSEAL FRACTURE OF LOWER END OF RIGHT TIBIA, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                        |
| S89.192K | OTHER PHYSEAL FRACTURE OF LOWER END OF LEFT TIBIA, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                         |
| S89.199K | OTHER PHYSEAL FRACTURE OF LOWER END OF UNSPECIFIED TIBIA, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                  |
| S89.201K | UNSPECIFIED PHYSEAL FRACTURE OF UPPER END OF RIGHT FIBULA, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                 |
| S89.202K | UNSPECIFIED PHYSEAL FRACTURE OF UPPER END OF LEFT FIBULA, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                  |
| S89.209K | UNSPECIFIED PHYSEAL FRACTURE OF UPPER END OF UNSPECIFIED FIBULA, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION           |
| S89.211K | SALTER-HARRIS TYPE I PHYSEAL FRACTURE OF UPPER END OF RIGHT FIBULA, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION        |
| S89.212K | SALTER-HARRIS TYPE I PHYSEAL FRACTURE OF UPPER END OF LEFT FIBULA, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION         |

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| S89.219K | SALTER-HARRIS TYPE I PHYSEAL FRACTURE OF UPPER END OF UNSPECIFIED FIBULA, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION  |
| S89.221K | SALTER-HARRIS TYPE II PHYSEAL FRACTURE OF UPPER END OF RIGHT FIBULA, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION       |
| S89.222K | SALTER-HARRIS TYPE II PHYSEAL FRACTURE OF UPPER END OF LEFT FIBULA, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION        |
| S89.229K | SALTER-HARRIS TYPE II PHYSEAL FRACTURE OF UPPER END OF UNSPECIFIED FIBULA, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION |
| S89.291K | OTHER PHYSEAL FRACTURE OF UPPER END OF RIGHT FIBULA, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                       |
| S89.292K | OTHER PHYSEAL FRACTURE OF UPPER END OF LEFT FIBULA, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                        |
| S89.299K | OTHER PHYSEAL FRACTURE OF UPPER END OF UNSPECIFIED FIBULA, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                 |
| S89.301K | UNSPECIFIED PHYSEAL FRACTURE OF LOWER END OF RIGHT FIBULA, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                 |
| S89.302K | UNSPECIFIED PHYSEAL FRACTURE OF LOWER END OF LEFT FIBULA, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                  |
| S89.309K | UNSPECIFIED PHYSEAL FRACTURE OF LOWER END OF UNSPECIFIED FIBULA, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION           |
| S89.311K | SALTER-HARRIS TYPE I PHYSEAL FRACTURE OF LOWER END OF RIGHT FIBULA, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION        |
| S89.312K | SALTER-HARRIS TYPE I PHYSEAL FRACTURE OF LOWER END OF LEFT FIBULA, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION         |
| S89.319K | SALTER-HARRIS TYPE I PHYSEAL FRACTURE OF LOWER END OF UNSPECIFIED FIBULA, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION  |
| S89.321K | SALTER-HARRIS TYPE II PHYSEAL FRACTURE OF LOWER END OF RIGHT FIBULA, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION       |
| S89.322K | SALTER-HARRIS TYPE II PHYSEAL FRACTURE OF LOWER END OF LEFT FIBULA, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION        |
| S89.329K | SALTER-HARRIS TYPE II PHYSEAL FRACTURE OF LOWER END OF UNSPECIFIED FIBULA, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION |
| S89.391K | OTHER PHYSEAL FRACTURE OF LOWER END OF RIGHT FIBULA, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                       |
| S89.392K | OTHER PHYSEAL FRACTURE OF LOWER END OF LEFT FIBULA, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                        |
| S89.399K | OTHER PHYSEAL FRACTURE OF LOWER END OF UNSPECIFIED FIBULA, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                 |
| S92.301K | FRACTURE OF UNSPECIFIED METATARSAL BONE(S), RIGHT FOOT, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                    |
| S92.302K | FRACTURE OF UNSPECIFIED METATARSAL BONE(S), LEFT FOOT, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                     |
| S92.309K | FRACTURE OF UNSPECIFIED METATARSAL BONE(S), UNSPECIFIED FOOT, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION              |
| S92.311K | DISPLACED FRACTURE OF FIRST METATARSAL BONE, RIGHT FOOT, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                   |
| S92.312K | DISPLACED FRACTURE OF FIRST METATARSAL BONE, LEFT FOOT, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                    |
| S92.313K | DISPLACED FRACTURE OF FIRST METATARSAL BONE, UNSPECIFIED FOOT, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION             |
| S92.314K | NONDISPLACED FRACTURE OF FIRST METATARSAL BONE, RIGHT FOOT, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                |
| S92.315K | NONDISPLACED FRACTURE OF FIRST METATARSAL BONE, LEFT FOOT, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                 |
| S92.316K | NONDISPLACED FRACTURE OF FIRST METATARSAL BONE, UNSPECIFIED FOOT, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION          |
| S92.321K | DISPLACED FRACTURE OF SECOND METATARSAL BONE, RIGHT FOOT, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                  |

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| S92.322K | DISPLACED FRACTURE OF SECOND METATARSAL BONE, LEFT FOOT, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION           |
| S92.323K | DISPLACED FRACTURE OF SECOND METATARSAL BONE, UNSPECIFIED FOOT, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION    |
| S92.324K | NONDISPLACED FRACTURE OF SECOND METATARSAL BONE, RIGHT FOOT, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION       |
| S92.325K | NONDISPLACED FRACTURE OF SECOND METATARSAL BONE, LEFT FOOT, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION        |
| S92.326K | NONDISPLACED FRACTURE OF SECOND METATARSAL BONE, UNSPECIFIED FOOT, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION |
| S92.331K | DISPLACED FRACTURE OF THIRD METATARSAL BONE, RIGHT FOOT, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION           |
| S92.332K | DISPLACED FRACTURE OF THIRD METATARSAL BONE, LEFT FOOT, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION            |
| S92.333K | DISPLACED FRACTURE OF THIRD METATARSAL BONE, UNSPECIFIED FOOT, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION     |
| S92.334K | NONDISPLACED FRACTURE OF THIRD METATARSAL BONE, RIGHT FOOT, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION        |
| S92.335K | NONDISPLACED FRACTURE OF THIRD METATARSAL BONE, LEFT FOOT, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION         |
| S92.336K | NONDISPLACED FRACTURE OF THIRD METATARSAL BONE, UNSPECIFIED FOOT, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION  |
| S92.341K | DISPLACED FRACTURE OF FOURTH METATARSAL BONE, RIGHT FOOT, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION          |
| S92.342K | DISPLACED FRACTURE OF FOURTH METATARSAL BONE, LEFT FOOT, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION           |
| S92.343K | DISPLACED FRACTURE OF FOURTH METATARSAL BONE, UNSPECIFIED FOOT, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION    |
| S92.344K | NONDISPLACED FRACTURE OF FOURTH METATARSAL BONE, RIGHT FOOT, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION       |
| S92.345K | NONDISPLACED FRACTURE OF FOURTH METATARSAL BONE, LEFT FOOT, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION        |
| S92.346K | NONDISPLACED FRACTURE OF FOURTH METATARSAL BONE, UNSPECIFIED FOOT, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION |
| S92.351K | DISPLACED FRACTURE OF FIFTH METATARSAL BONE, RIGHT FOOT, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION           |
| S92.352K | DISPLACED FRACTURE OF FIFTH METATARSAL BONE, LEFT FOOT, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION            |
| S92.353K | DISPLACED FRACTURE OF FIFTH METATARSAL BONE, UNSPECIFIED FOOT, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION     |
| S92.354K | NONDISPLACED FRACTURE OF FIFTH METATARSAL BONE, RIGHT FOOT, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION        |
| S92.355K | NONDISPLACED FRACTURE OF FIFTH METATARSAL BONE, LEFT FOOT, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION         |
| S92.356K | NONDISPLACED FRACTURE OF FIFTH METATARSAL BONE, UNSPECIFIED FOOT, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION  |
| S92.404K | NONDISPLACED UNSPECIFIED FRACTURE OF RIGHT GREAT TOE, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION              |
| S92.405K | NONDISPLACED UNSPECIFIED FRACTURE OF LEFT GREAT TOE, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION               |
| S92.406K | NONDISPLACED UNSPECIFIED FRACTURE OF UNSPECIFIED GREAT TOE, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION        |
| S92.411K | DISPLACED FRACTURE OF PROXIMAL PHALANX OF RIGHT GREAT TOE, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION         |
| S92.412K | DISPLACED FRACTURE OF PROXIMAL PHALANX OF LEFT GREAT TOE, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION          |
| S92.413K | DISPLACED FRACTURE OF PROXIMAL PHALANX OF UNSPECIFIED GREAT TOE, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION   |

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| S92.414K | NONDISPLACED FRACTURE OF PROXIMAL PHALANX OF RIGHT GREAT TOE, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION           |
| S92.415K | NONDISPLACED FRACTURE OF PROXIMAL PHALANX OF LEFT GREAT TOE, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION            |
| S92.416K | NONDISPLACED FRACTURE OF PROXIMAL PHALANX OF UNSPECIFIED GREAT TOE, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION     |
| S92.421K | DISPLACED FRACTURE OF DISTAL PHALANX OF RIGHT GREAT TOE, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                |
| S92.422K | DISPLACED FRACTURE OF DISTAL PHALANX OF LEFT GREAT TOE, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                 |
| S92.423K | DISPLACED FRACTURE OF DISTAL PHALANX OF UNSPECIFIED GREAT TOE, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION          |
| S92.424K | NONDISPLACED FRACTURE OF DISTAL PHALANX OF RIGHT GREAT TOE, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION             |
| S92.425K | NONDISPLACED FRACTURE OF DISTAL PHALANX OF LEFT GREAT TOE, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION              |
| S92.426K | NONDISPLACED FRACTURE OF DISTAL PHALANX OF UNSPECIFIED GREAT TOE, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION       |
| S92.491K | OTHER FRACTURE OF RIGHT GREAT TOE, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                                      |
| S92.492K | OTHER FRACTURE OF LEFT GREAT TOE, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                                       |
| S92.499K | OTHER FRACTURE OF UNSPECIFIED GREAT TOE, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                                |
| S92.501K | DISPLACED UNSPECIFIED FRACTURE OF RIGHT LESSER TOE(S), SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                  |
| S92.502K | DISPLACED UNSPECIFIED FRACTURE OF LEFT LESSER TOE(S), SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                   |
| S92.503K | DISPLACED UNSPECIFIED FRACTURE OF UNSPECIFIED LESSER TOE(S), SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION            |
| S92.504K | NONDISPLACED UNSPECIFIED FRACTURE OF RIGHT LESSER TOE(S), SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION               |
| S92.505K | NONDISPLACED UNSPECIFIED FRACTURE OF LEFT LESSER TOE(S), SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                |
| S92.506K | NONDISPLACED UNSPECIFIED FRACTURE OF UNSPECIFIED LESSER TOE(S), SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION         |
| S92.511K | DISPLACED FRACTURE OF PROXIMAL PHALANX OF RIGHT LESSER TOE(S), SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION          |
| S92.512K | DISPLACED FRACTURE OF PROXIMAL PHALANX OF LEFT LESSER TOE(S), SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION           |
| S92.513K | DISPLACED FRACTURE OF PROXIMAL PHALANX OF UNSPECIFIED LESSER TOE(S), SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION    |
| S92.514K | NONDISPLACED FRACTURE OF PROXIMAL PHALANX OF RIGHT LESSER TOE(S), SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION       |
| S92.515K | NONDISPLACED FRACTURE OF PROXIMAL PHALANX OF LEFT LESSER TOE(S), SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION        |
| S92.516K | NONDISPLACED FRACTURE OF PROXIMAL PHALANX OF UNSPECIFIED LESSER TOE(S), SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION |
| S92.521K | DISPLACED FRACTURE OF MIDDLE PHALANX OF RIGHT LESSER TOE(S), SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION            |
| S92.522K | DISPLACED FRACTURE OF MIDDLE PHALANX OF LEFT LESSER TOE(S), SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION             |
| S92.523K | DISPLACED FRACTURE OF MIDDLE PHALANX OF UNSPECIFIED LESSER TOE(S), SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION      |
| S92.524K | NONDISPLACED FRACTURE OF MIDDLE PHALANX OF RIGHT LESSER TOE(S), SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION         |
| S92.525K | NONDISPLACED FRACTURE OF MIDDLE PHALANX OF LEFT LESSER TOE(S), SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION          |
| S92.526K | NONDISPLACED FRACTURE OF MIDDLE PHALANX OF UNSPECIFIED LESSER TOE(S), SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION   |

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| S92.531K | DISPLACED FRACTURE OF DISTAL PHALANX OF RIGHT LESSER TOE(S), SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION          |
| S92.532K | DISPLACED FRACTURE OF DISTAL PHALANX OF LEFT LESSER TOE(S), SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION           |
| S92.533K | DISPLACED FRACTURE OF DISTAL PHALANX OF UNSPECIFIED LESSER TOE(S), SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION    |
| S92.534K | NONDISPLACED FRACTURE OF DISTAL PHALANX OF RIGHT LESSER TOE(S), SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION       |
| S92.535K | NONDISPLACED FRACTURE OF DISTAL PHALANX OF LEFT LESSER TOE(S), SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION        |
| S92.536K | NONDISPLACED FRACTURE OF DISTAL PHALANX OF UNSPECIFIED LESSER TOE(S), SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION |
| S92.591K | OTHER FRACTURE OF RIGHT LESSER TOE(S), SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                                |
| S92.592K | OTHER FRACTURE OF LEFT LESSER TOE(S), SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                                 |
| S92.599K | OTHER FRACTURE OF UNSPECIFIED LESSER TOE(S), SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                          |
| S92.901K | UNSPECIFIED FRACTURE OF RIGHT FOOT, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                                   |
| S92.902K | UNSPECIFIED FRACTURE OF LEFT FOOT, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                                    |
| S92.909K | UNSPECIFIED FRACTURE OF UNSPECIFIED FOOT, SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                             |
| S92.911K | UNSPECIFIED FRACTURE OF RIGHT TOE(S), SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                                 |
| S92.912K | UNSPECIFIED FRACTURE OF LEFT TOE(S), SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                                  |
| S92.919K | UNSPECIFIED FRACTURE OF UNSPECIFIED TOE(S), SUBSEQUENT ENCOUNTER FOR FRACTURE WITH NONUNION                           |

### **Reimbursement**

Participating facilities will be reimbursed per their Highmark Wholecare<sup>SM</sup> contract.

### **Reference Sources**

Aleem IS, Aleem I, Evaniew N, et al. Efficacy of electrical stimulators for bone healing: a meta-analysis of randomized sham-controlled trials. Scientific Reports. August 19, 2016. Accessed on September 8, 2021.

American Academy of Orthopaedic Surgeons (AAOS). OrthoInfo. Diseases & Conditions Nonunion. March 2014. Accessed on September 8, 2021.

Buza JA, Einhorn T. Bone healing in 2016. Clin Cases Miner Bone Metab. May 2016. Accessed on September 8, 2021.

Centers for Medicare and Medicaid Services (CMS). Local Coverage Determination (LCD) Osteogenic Stimulators (L33796). Original Effective date October 1, 2015. Revision Effective date January 1, 2020. Accessed on August 31, 2022.

Centers for Medicare and Medicaid Services (CMS). National Coverage Determination (NCD) Osteogenic Stimulators (150.2). Effective date April 27, 2005. Implementation date August 1, 2005. Accessed on August 31, 2022.

Beutler A. General principles of fracture management: Bone healing and fracture description. UpToDate [online serial]. Topic last updated on February 5, 2021. . Accessed on September 8, 2021.



Goldstein C, Sprague S, Petrisor B. Electrical Stimulation for Fracture Healing: Current Evidence, Journal of Orthopaedic Trauma. Volume 24 - Issue - p S62-S65 March 2010. Accessed on September 8, 2021.

Nicholson JA, Yapp LZ, Keating JF, Simpson AHRW. Monitoring of fracture healing. Update on current and future imaging modalities to predict union. Injury. Volume 52, Supplement 2. June 2021. Accessed on September 8, 2021.

Kuzyk PR, Schemitsch EH. The science of electrical stimulation therapy for fracture healing. Indian J Orthop. April – June 2009. Accessed on September 8, 2021.

Gichuru M, Philips M, Yardley D, Petrisor B, Drew B. A Network Meta-Analysis Evaluating Different Bone Stimulation Technologies on Fracture Healing Outcomes. Annals of Orthopaedics, Trauma and Rehabilitation. Scientific Literature. January 3, 2018. Accessed on September 8, 2021.

Hayes, Inc. Evidence Analysis Research Brief: Noninvasive Electrical Bone Growth Stimulation for Cervical Spinal Fusion. June 12, 2023. Accessed on August 25, 2023.

Hayes, Inc. Evidence Analysis Research Brief: Ultrasound Bone Growth Stimulation for Nonspinal Arthrodesis. January 7, 2022. Accessed on August 25, 2023.

U.S. Food and Drug Administration. Summary of Safety and Effectiveness Data: Cervical-Stim Model 505L Cervical Fusion System. 2004. Accessed on January 8, 2018.

Spinal-Stim® Instructional Manual. Orthofix, Inc. U.S.A. Edition. November 11, 2014. Accessed on August 7, 2017.

Foley KT, Mroz TE, Arnold PM, et al. Randomized, prospective, and controlled clinical trial of pulsed electromagnetic field stimulation for cervical fusion. Spine J. May-Jun 2008. Accessed on August 4, 2017.

Goodwin CB, Brighton CT, Guyer RD, et al. A double-blind study of capacitively coupled electrical stimulation as an adjunct to lumbar spinal fusions. Spine. July 1, 1999. Accessed on August 7, 2017.

Kaiser MG, Eck JC, Groff MW, et al. Guideline update for the performance of fusion procedures for degenerative disease of the lumbar spine; Part 17: bone growth stimulators and lumbar fusion. Journal of Neurosurgery: Spine, Vol 21, July 2014. Accessed on December 9, 2020.

Linovitz RJ, Pathria M, Bernhardt M, et al. Combined magnetic fields accelerate and increase spine fusion: a double-blind, randomized, placebo controlled study. Spine. July 1, 2002. Accessed on August 7, 2017.

Li S, Yu B, Zhou D, et al. Electromagnetic fields for treating osteoarthritis. Cochrane Database Syst Rev. 2013. Accessed on January 9, 2018.

MacEwan MR, Talcott MR, Moran DW, et al. Novel spinal instrumentation to enhance osteogenesis and fusion: a preliminary study. Journal of Neurosurgery: Spine. September 2016. Accessed on August 2, 2017.

Mooney V. A randomized double-blind prospective study of the efficacy of pulsed electromagnetic fields for interbody lumbar fusions. *Spine*. July 1990. Accessed on August 7, 2017.

Morone MA, Feurer H. The use of electrical stimulation to enhance spinal fusion. December 2002. *Neurosurg Focus* 13. Accessed on August 7, 2017.

Resnick DK, Choudhri TF, Dailey AT, et al. Guidelines for the performance of fusion procedures for degenerative disease of the lumbar spine; Part 17: bone growth stimulators and lumbar fusion. *Journal of Neurosurgery: Spine*, Vol 2. June 2005. Accessed on August 3, 2017.

Rogozinski A, Rogozinski C. Efficacy of implanted bone growth stimulation in instrumented lumbosacral spinal fusion. *Spine (Phila Pa 1976)*. November 1, 1996. Accessed on August 4, 2017.

Sherman JE. How an Electrical Bone Growth Stimulator Helps with Spine Fusion. *Spine-health: Trusted Information for Back Pain*, September 24, 2002. Accessed on July 31, 2017.

American Academy of Orthopaedic Surgeons (AAOS). Nonunions. *OrthoInfo*. March 2014. Accessed September 30, 2021.

Beutler A, Titus S. General principles of definitive fracture management. *UpToDate*. March 12, 2019. Accessed on September 30, 2021.

Buza JA, Einhorn T. Bone healing in 2016. *Clin Cases Miner Bone Metab*. May-August 2016. Accessed on September 30, 2021.

Centers for Medicare and Medicaid Services (CMS). Local Coverage Article (LCA) Osteogenesis Stimulators (A52513). Original Effective date October 1, 2015. Revision Effective date January 1, 2020. Accessed on September 29, 2021.

Dijkman BG, Sprague S, Bhandari M. Low-intensity pulsed ultrasound: nonunions. *Indian J Orthop*. 2009. Accessed on September 30, 2021.

Goldstein C, Sprague S, et al. Electrical Stimulation for Fracture Healing: Current Evidence. *Journal of orthopaedic trauma*. 2010. Accessed on September 30, 2021.

Hannemann PF, Mommers EH, Schots JP, Brink PR, Poeze M. The effects of low-intensity pulsed ultrasound and pulsed electromagnetic fields bone growth stimulation in acute fractures: a systematic review and meta-analysis of randomized controlled trials. *Arch Orthop Trauma Surg*. Accessed on September 30, 2021.

National Institute for Health and Care Excellence (NICE). EXOGEN ultrasound bone healing system for long bone fractures with non-union or delayed healing. 2019. NICE Medical Technology Guidance No. MTG12. Accessed on September 30, 2021.

Pennsylvania Department of Human Services. Technology Assessment Group (TAG) Coverage Decisions. Managed Care Operations Memorandum: OPS # 02/2015-001. February 20, 2015. Accessed on September 2, 2022.

Poolman RW, Agoritsas T, Siemieniuk RA, et al. Low intensity pulsed ultrasound (LIPUS) for bone healing: a clinical practice guideline. *BMJ*. February 21, 2017. Accessed on March 13, 2018.

Pounder NM, Harrison AJ. Low intensity pulsed ultrasound for fracture healing: a review of the clinical evidence and the associated biological mechanism of action. *Ultrasonics*. 2008. Accessed on March 8, 2018.

Schandelmaier S, Kaushal A, Lytvyn L, et al. Low intensity pulsed ultrasound for bone healing: systematic review of randomized controlled trials. *BMJ*. February 22, 2017. Accessed on March 13, 2018.

Leighton R, Watson JT, Giannoudis P, Papakostidis C, Harrison A, Steen RG. Healing of fracture nonunions treated with low-intensity pulsed ultrasound (LIPUS): A systematic review and meta-analysis. *Injury*. 2017. Accessed on September 22, 2020.

Rutten S, van den Bekerom MP, Sierevelt IN, Nolte PA. Enhancement of Bone-Healing by Low-Intensity Pulsed Ultrasound: A Systematic Review. *JBS Rev*. 2016. Accessed September 22, 2020.