

# Medications that Can Cause an Unreadable Diabetic Retinal Exam

The Comprehensive Diabetes Care – Eye Exam (Retinal) Performed measure is the percentage of type 1 and type 2 diabetic patients who have received an eye screening for diabetic retinal disease during the measurement year. The eye screening can either be a retinal or dilated eye exam.

Although most members do see an eye care professional to meet member compliance in this measure, some PCP practices have chosen to purchase additional equipment to complete the exam within the office setting, while others partner with Highmark’s in-home vendors. While all are acceptable processes, some images collected during the Retinal Eye Exam via the PCP office visit or the in-home visit may sometimes be unreadable due to no fault of the technician. Unreadable exams will not close the gap and therefore will not satisfy the measure.

A Retinal Eye Exam may be unreadable due to things such as the eye’s inability to be still during the exam, lighting in the room, medical conditions, such as multiple sclerosis, cluster headaches and uveitis, or certain medications the patient may be taking.

The following medications can cause pupil constriction, which may result in an unreadable Retinal Eye Exam. **If your patients are actively taking any of these medications, or their brand name equivalents, it is best to perform a Dilated Eye Exam with a certified eye care professional to ensure proper test results.**

## Medications with an Adverse Effect of Miosis

Amytal	Butisol	Acetaminophen- Caffeine	Hydrocodone- Homatropine	Oxycodone	Propafenone
Atropine- Hyoscyamine- Phenobarbital- Scopolamine	Carisoprodol- Aspirin-Codeine	Edrophonium	Hydrocodone- Ibuprofen	Oxycodone- Acetaminophen	Pyridostigmine
Baclofen	Chlorpromazine	Embeda	Hydromorphone	Oxycodone-Aspirin	Reserpine
Bethanechol	Cidofovir	Felbamate	Irinotecan	Oxycodone- Ibuprofen	Seconal
Brimonidine	Codeine	Fentanyl	Levorphanol	Oxymorphone	Simbrinza
Bupivacaine	Codeine- Acetaminophen	Fluphenazine	Lyrica	Pentazoxine- Naloxone	Talwin
Buprenorphine	Codeine- Guaifenesin	Flurbiprofen	Mepivacaine	Pentobarbital	Tetracaine
Buprenorphine- Naloxone	Codeine- Promethazine	Hydrocodone- Acetaminophen	Methadone	Perphenazine	Thioridazine
Butalbital- Acetaminophen- Caffeine-Codeine	Codeine- Promethazine- Phenylephrine	Hydrocodone- Chlorpheniramine	Miostat	Phenobarbital	Tramadol
Butalbital-Aspirin- Caffeine-Codeine	Combigan	Hydrocodone- Chlorpheniramine- Pseudoephedrine	Morphine	Phenoxybenzamine	Tramadol- Acetaminophen
	Dihydrocodeine-	Hydrocodone- Guaifenesin	Mytelase	Physostigmine	Trifluoperazine
			Neostigmine	Pilocarpine	Tusscaps
			Onivyde	Primidone	Tuxarin



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