

MP.072.MPC - Eye-Anterior Segment Optical Coherence Tomography

Maryland Physicians Care considers **Eye-Anterior Segment Optical Coherence Tomography (AS-OCT)** medically necessary for at least one of the following indications:

1. Narrow angle, suspected narrow angle and mixed narrow and open-angle glaucoma; OR
2. Determining the proper intraocular lens (IOL) for a patient who has had prior refractive surgery and now requires cataract extraction; OR
3. Iris tumor; OR
4. Presence of corneal edema or opacity that precludes visualization or study of the anterior chamber; OR
5. Calculation of lens power for cataract patients who have undergone prior refractory surgery. OR
6. Diagnosis of Age-Related Macular Degeneration (AMD)

Note: Payment will only be made for the cataract codes as long as additional documentation is available in the patient record of their prior refractive procedure. Payment will not be made in addition to an Amplitude modulation scan (A-scan) or IOL master (a non-contact optical laser device that measures eye length and surface curvature).

Limitations

1. This technique is not recommended for the general screening of glaucoma or other retinal diseases.
2. It is not the preferred study for advanced glaucomatous damage.
3. Fluorescein angiography and optical coherence tomography will not be covered on the same day unless the medical record documents the need for both.
4. It is expected that only two exams/eye/year would be required to manage the patient who has glaucoma.
5. Services should be reported once whether performed unilaterally or bilaterally

Background

The American Academy of Ophthalmology (AAO) defines glaucoma as a group of diseases with certain features including an intraocular pressure that is too high for the continued health of the eye. According to CMS, Glaucoma is a leading cause of blindness and also is diagnostically challenging. Almost 50% of glaucoma cases remain undetected. Glaucoma commonly causes a spectrum of related eye and vision

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changes, including erosion of the optic nerve and the associated retinal nerve fibers, and also loss of peripheral vision.

Optical coherence tomography was invented in 1991 by the Massachusetts Institute of Technology. Optical coherence tomography is a non-invasive, non-contact imaging technique. It produces high resolution, cross-sectional tomographic images of ocular structures and is used for the evaluation of retinal disease.

AS-OCT may be appropriate for use when performed for the evaluation of individuals at high risk for developing glaucoma and for monitoring of patients already diagnosed with mild or moderate glaucoma. Individuals at high risk for developing glaucoma include:

- Family history of glaucoma
- Diabetes
- Caucasians over 65 years old
- African Americans over 40 years old
- Hispanics over the age of 60

Codes:

CPT Codes / HCPCS Codes / ICD-10 Codes	
Code	Description
CPT Codes	
92132*	Scanning computerized ophthalmic diagnostic imaging, anterior segment, with interpretation and report, unilateral or bilateral
*Considered non-covered unless part of a NIH-certified study subject to medical necessity review.	
ICD-10 codes covered if selection criteria are met:	
A18.50-A18.59	Tuberculosis of eye
H17.00-H17.9	Corneal scars and opacities
H18.10-H18.239	Corneal edema unspecified-Secondary corneal edema unspecified eye
H18.50-H18.59	Other hereditary corneal dystrophies
H21.89	Other specified disorders of iris and ciliary body
H22	Disorders of iris and ciliary body in diseases classified elsewhere

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H26.041 – H26.499	Anterior subcapsular polar infantile and juvenile cataract/Other secondary cataract
H26.9	Unspecified cataract
H35.30	Unspecified macular degeneration
H35.361	Drusen (degenerative) of macula, right eye
H35.362	Drusen (degenerative) of macula, left eye
H35.363	Drusen (degenerative) of macula, bilateral
H35.369	Drusen (degenerative) of macula, unspecified eye
H40.021- H40.069	Open angle with borderline findings, high risk- Primary angle closure without glaucoma damage
H40.1490	Capsular glaucoma with pseudo exfoliation of lens, unspecified eye, stage
H40.20X0- H40.89	Primary angle-closure glaucoma- Other specified glaucoma
H42	Glaucoma diagnosis elsewhere classified
Q12.0 – Q12.9	Congenital cataract and lens malformation

References

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