

Health Plan of Washington

MEDICAL POLICY - 9.03.510

Glaucoma, Invasive Procedures

Ref. Policy: MP-124

Last Revised:

Effective Date: July 1, 2024

June 24, 2024

Replaces: N/A

RELATED MEDICAL POLICIES:

None

Select a hyperlink below to be directed to that section.

POLICY CRITERIA | CODING | RELATED INFORMATION EVIDENCE REVIEW | REFERENCES | HISTORY

Clicking this icon returns you to the hyperlinks menu above.

Introduction

Glaucoma is a group of diseases that damage the optic nerve when the pressure in the eye is too high. Glaucoma can cause vision loss and blindness. Certain surgeries and devices can be used to treat glaucoma by improving the eye's drainage system and reducing eye pressure to normal levels. This policy describes when invasive procedures for glaucoma may be considered medically necessary.

Note:

The Introduction section is for your general knowledge and is not to be taken as policy coverage criteria. The rest of the policy uses specific words and concepts familiar to medical professionals. It is intended for providers. A provider can be a person, such as a doctor, nurse, psychologist, or dentist. A provider also can be a place where medical care is given, like a hospital, clinic, or lab. This policy informs them about when a service may be covered.

Policy Coverage Criteria

Service	Medical Necessity
Invasive procedures for	Use of invasive procedures to treat glaucoma may be
glaucoma	considered medically necessary for the following indications:

Comico	Madical Naccosity
Service	Ex-PRESS Mini Glaucoma Shunt and US Food and Drug Administration (FDA)-approved aqueous drainage devices:
	Immuno-suppressedAnti-coagulation
	, with coagaintion



Service	Medical Necessity
	 Diabetes mellitus with documented early retinopathy or
	diabetic macular edema
	 Requirements for canaloplasty:
	Procedure must be completed with an FDA-approved
	device or system
	 Providers must have evidence of credentialing and
	privileges for performing canaloplasty at the surgical
	facility/center where the procedure is performed
	 Ophthalmic surgeon must be formally trained with
	documentation of training to perform the canaloplasty
	procedure

Coding

Code	Description		
СРТ			
Ex-PRESS Mini Glaucoma Shunt, FDA-Approved Aqueous Drainage Devices, and			
iSTENT Trabecular Micro-Bypass Stent:			
66183	Insertion of anterior segment aqueous drainage device, without extraocular reservoir, external approach		
Canaloplasty			
66174	Transluminal dilation of aqueous outflow canal; without retention of device of stent		
66175	Transluminal dilation of aqueous outflow canal; with retention device or stent		
ICD-10 Codes Covered	ICD-10 Codes Covered if Selection Criteria are Met		
H40.10X0-H40.10X4	Open angle glaucoma, unspecified		
H40.1110	Primary open-angle glaucoma, right eye, stage unspecified		
H40.1111	Primary open-angle glaucoma, right eye, mild stage		
H40.1112	Primary open-angle glaucoma, right eye, moderate stage		
H40.1113	Primary open-angle glaucoma, right eye, severe stage		
H40.1114	Primary open angle glaucoma, right eye, undetermina		



Code	Description
H40.1120	Primary open-angle glaucoma, left eye, stage unspecified
H40.1121	Primary open-angle glaucoma, left eye, mild stage
H40.1122	Primary open-angle glaucoma, left eye, moderate stage
H40.1123	Primary open-angle glaucoma, left eye, severe stage
H40.1124	Primary open-angle glaucoma, left eye, indeterminate stage
H40.1130	Primary open-angle glaucoma, bilateral, stage unspecified
H40.1131	Primary open-angle glaucoma, bilateral, mild stage
H40.1132	Primary open-angle glaucoma, bilateral, moderate stage
H40.1132	Primary open-angle glaucoma, bilateral, moderate stage
H40.1133	Primary open-angle glaucoma, bilateral, severe stage
H40.1134	Primary open-angle glaucoma, bilateral, indeterminate stage
H40.1190	Primary open-angle glaucoma, unspecified eye, stage unspecified
H40.1191	Primary open-angle glaucoma, unspecified eye, mild stage
H40.1192	Primary open-angle glaucoma, unspecified eye, moderate stage
H40.1193	Primary open-angle glaucoma, unspecified eye, severe stage
H40.1194	Primary open-angle glaucoma, unspecified eye, indetermi
H40.11X0-H40.11X4	Primary open angle glaucoma
H40.1290	Low-tension glaucoma, unspecified eye, stage unspecified
H40.1310-H40.1394	Pigmentary glaucoma
H40.1410-H40.1494	Pseudoexfoliation glaucoma
H40.151-H40.159	Residual state of open angle glaucoma
H40.50X0-H40.63X4	Glaucoma secondary to other eye disorders/drugs
H40.89-H40.9	Other specified glaucoma
Q15.0	Congenital glaucoma

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Related Information

N/A

Evidence Review

Background

The Centers of Medicare and Medicaid Services (CMS) categorize glaucoma as a group of diseases, frequently characterized by raised intraocular pressure (IOP) which affects the optic nerve. Glaucoma is the second leading cause of blindness in the world (approximately 8.4 million people blind from glaucoma), but with early detection and treatment, serious vision loss can be prevented. Risk factors for glaucoma include: African Americans over age 40, everyone over age 60 (especially Mexican Americans), and people with a family history of glaucoma.

The American Academy of Ophthalmology defines primary open-angle glaucoma (POAG) as a progressive, chronic, optic neuropathy in adults in which IOP and other currently unknown factors contribute to damage and in which, in the absence of other identifiable causes, there is a characteristic acquired atrophy of the optic nerve and loss of retinal ganglion cells and their axons. This condition is associated with an anterior chamber angle that is open by gonioscopic appearance.

The EX-PRESS is a glaucoma filtration device designed to regulate intraocular pressure in eyes suffering from glaucoma. The device works by diverting aqueous humor through the implant from the anterior chamber to the intrascleral space, the bleb.

The iStent trabecular micro-bypass stent creates a permanent opening from the anterior chamber into Schlemm's canal, thus improving aqueous humor outflow and ultimately reducing IOP.

The iTrack 250A canaloplasty procedure attempts to widen the eye's natural drainage canal and therefore re-establish normal eye pressure.



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History

Date	Comments
09/16/19	New policy, approved August 13, 2019, effective January 1, 2020. Invasive procedures (stents and canaloplasty) for use in the treatment of glaucoma may be considered medically necessary when criteria are met.
10/01/20	Annual Review, approved September 17, 2020. No changes to policy statement, references updated.
05/01/21	Annual Review, approved April 1, 2021. No changes to policy statement, references updated.
07/01/22	Annual Review, approved June 27, 2022. No changes to policy statement, references updated. Removed CPT codes 0191T and 0253T.
10/01/22	Interim Review, approved September 12, 2022. References updated, no other changes to the policy.
03/01/23	Annual Review, approved February 6, 2023. References updated, no other changes to the policy. Changed the wording from "patient" to "individual" throughout the policy for standardization.
07/01/24	Annual Review, approved June 24, 2024. No changes to policy statement, references updated.

Disclaimer: This medical policy is a guide in evaluating the medical necessity of a particular service or treatment. The Company adopts policies after careful review of published peer-reviewed scientific literature, national guidelines and



local standards of practice. Since medical technology is constantly changing, the Company reserves the right to review and update policies as appropriate. Member contracts differ in their benefits. Always consult the member benefit booklet or contact a member service representative to determine coverage for a specific medical service or supply. CPT codes, descriptions and materials are copyrighted by the American Medical Association (AMA). ©2024 Premera All Rights Reserved.

Scope: Medical policies are systematically developed guidelines that serve as a resource for Company staff when determining coverage for specific medical procedures, drugs or devices. Coverage for medical services is subject to the limits and conditions of the member benefit plan. Members and their providers should consult the member benefit booklet or contact a customer service representative to determine whether there are any benefit limitations applicable to this service or supply. This medical policy only applies to Individual Plans.





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<u>ATTENZIONE</u>: In caso la lingua parlata sia l'italiano, sono disponibili servizi di assistenza linguistica gratuiti. Chiamare il numero 800-817-3056 (TTY: 711). <u>توجه:</u> اگر به زبان فارسی گفتگو می کنید، تسهیلات زبانی بصورت رایگان برای شما فراهم می باشد. با (TTY: 711) 3056 (TTY: 711 تصاس بگیرید.