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Auditors' Desk Reference

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2017

ICD-10

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Procedures Performed on the Eye and Ocular Adnexa

DEFINITIONS

shunt. Surgically created passage between blood vessels or other natural passages, such as an arteriovenous anastomosis, to divert or bypass blood flow from the normal channel.

trabeculectomy. Surgical incision between the anterior portion of the eye and the canal of Schlemm to drain the aqueous humor.

Anterior Sclera Procedures: By Indication/Specific Area of Eye (66130–66250)

This subsection includes procedures of the anterior sclera, a dense fibrous tissue that forms the "white" of the eye. The sclera helps to maintain the shape of the eyeball and is where the extrinsic muscles of the eye are attached. It is covered with the vascular episclera, the Tenon capsule (fascial bulbi), and the conjunctiva. The sclera comprises five-sixths of the eye surface, with the remaining one-sixth covered by the cornea, which bridges the anterior scleral foramen, one of the two large openings in the sclera. Procedures in this part of the eye are performed primarily for glaucoma, using a variety of techniques including aqueous shunt procedures.

Procedure Differentiation

Removal of a sclera lesion by cutting through the conjunctiva is reported with 66130.

Codes from range 66150–66185 are reported when controlling the pressure of the aqueous fluid in the eyeball.

Codes 66150–66172 describe fistulization of the sclera. Each code listed below includes an additional procedure or a different technique to achieve the fistulization.

- Code 66150 reports procedures using a trephine to remove a circular portion of the sclera and iris.
- Code 66155 describes thermocauterization where a portion of the sclera and iris are destroyed by burning with a hot probe.
- Code 66160 reports a sclerectomy using a punch or scleral scissors and includes an iridectomy. Various methods of sclerectomy include Lindner's, Lagrange, Knapp's, Holth's, and Herbert's operations.
- Assign code 66170 for trabeculectomy performed in the absence of previous surgery.
- Assign code 66172 for trabeculectomy performed on a patient who has scarring from previous ocular surgery or trauma. This code is to be used only when a trabeculectomy is performed on an eye that has conjunctival scarring from previous ocular surgery or injury. Examples include history of cataract surgery, history of strabismus surgery, history of failed trabeculectomy ab externo, history of penetrating trauma to the eyeball, or conjunctival lacerations. This procedure includes the injection of antifibriotic agents, such a 5-Fluorouracil (5-FU). The technique of injecting 5-FU is recognized as effective in reducing the number of failed procedures caused by the formation of scar tissue and fistula closure.

Aqueous outflow canal transluminal dilation is reported with codes 66174–66175. Report 66175 if a polypropylene suture is placed within the canal to improve aqueous outflow and preserve canal patency. This procedure is usually performed for open-angle glaucoma.

Procedures that pertain to aqueous shunt to extraocular reservoirs are reported with 66179–66185. Shunt procedures are performed in the anterior segment of

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the eye to reduce and control intraocular pressure (IOP). Though aqueous is constantly flushed and renewed, its overall pressure is constant in a healthy eye's anterior chamber. Too little or too much fluid can cause permanent damage. To enhance drainage, the physician places an ocular speculum in the patient's eye and makes an incision in the conjunctiva. The physician then places tubing into the anterior portion of the eye at the juncture of the sclera and cornea (the limbus) and sutures tubing to the sclera. This improves the aqueous flow in the anterior chamber and is reported using 66179. The tube implant connects to an equatorial reservoir plate (a bleb) sutured into place behind the pars plana between the extraocular muscles. The physician stretches conjunctival tissue over the shunt and reservoir and sutures it into place. The physician then closes the incision with sutures and may restore the intraocular pressure with an injection of water or saline. A topical antibiotic or pressure patch may be applied. Report 66180 if the procedure includes a graft.

Code 66183 describes a procedure in which the physician treats a refractory, primary, open-angle glaucoma by draining aqueous humor from the anterior chamber directly into the Schlemm's canal by shunting or stenting, lowering intraocular pressure (IOP) without the formation of a filtering bleb using an external approach. The physician inserts an implant via a superficial scleral flap through the trabeculum and into the anterior chamber. IOP is reduced by diverting the excess aqueous fluid from the anterior chamber to a subconjunctival bleb rather than to an extraocular reservoir.

When the documentation states that the physician revises a previously placed aqueous shunt to extraocular equatorial plate reservoir, report 66184. The physician places an ocular speculum in the patient's eye and opens the previous incision in the conjunctiva. The tubing from the anterior chamber to the reservoir is revised or replaced. The physician then stretches conjunctival tissue over the shunt and reservoir and sutures it into place. The physician may restore the intraocular pressure with an injection of water or saline, and a topical antibiotic or pressure patch may be applied. Report 66184 for revision without graft and 66185 for revision with graft.

Repair of the sclera is reported with 66220–66225 and revision of an operative wound with 66250.

Medical Necessity

The following conditions may warrant these procedures (this list is not all inclusive):

- Essential or progressive iris atrophy
- Glaucoma
- Plateau iris syndrome

Key Documentation Terms

Documentation should indicate the surgical procedure that was performed. Terms such as excision, fistulization, revision, or repair provide the guidance needed to ensure correct code assignment. Above all else, the documentation should support the medical necessity of the procedure.

Coding Tips

- These procedures are generally performed with a subconjunctival injection, retrobulbar injection, or a topical anesthetic rather than general anesthesia.

DEFINITIONS

iridectomy. Surgical removal of part of the iris.

Plateau iris syndrome. Primary angle-closure glaucoma in the absence of classic pupillary block, identifiable by an angle-closure attack. Occurs in the presence of a patent iridectomy caused by an abnormality of the peripheral iris.

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Heart Catheterization Auditing Worksheet

Account/medical record number: _____

Date of service: _____

Date of review: _____

Reviewer: _____

Type of review: _____

Anatomical Area	Procedure code
Left heart	❑ 93452
Native coronary arteries	❑ 93458
Bypass	N/A
Native coronary and bypass graft	❑ 93459
Right heart	❑ 93451
Native coronary arteries	❑ 93456
Bypass	N/A
Native coronary and bypass graft	❑ 93457
Right and left heart	❑ 93453
Native coronary arteries	❑ 93460
Bypass	N/A
Native coronary and bypass graft	❑ 93461
Native coronary arteries	❑ 93454
Native coronary and bypass graft	❑ 93455
Congenital Procedures	
Combined right heart and retrograde left heart	❑ 93531
Combined right heart and retrograde transseptal left heart (intact septum)	❑ 93532
Combined right heart and retrograde transseptal left heart (through septal opening)	❑ 93533

Were any of the Procedures Below Reported Separately:
(Note that the codes below are add-on codes. Modifier 51 does not apply.

Procedure	Code	Comments
Left Heart		
Catheterization transseptal or transapical puncture	❑ 93462	Was this used in conjunction with 93452–93453, 93458–93461, 93582, 93653–93654? Yes__ No__
Ventricular or atrial angiography	❑ 93565	Was this used in conjunction with 93530–93533? Yes__ No__
Right Heart		
Right ventricular or atrial angiography	❑ 93566	Was this used in conjunction with 93451, 93453, 93456–93457, 93460–93461, 93530–93533? Yes__ No__

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