

SURGICAL CODING FAQ

Common coding questions related to medical necessity, code selection, silicone oil removal, and other topics.

BY RIVA LEE ASBELL



In November, I was invited to participate in a new retina podcast series, *Straight From the Cutter's Mouth*, launched by Jayanth Sridhar, MD, an assistant professor of clinical ophthalmology and vitreoretinal surgery at the University of Miami's Bascom Palmer Eye Institute. Dr. Sridhar developed the podcast with the goal of providing an informative venue for ophthalmologists to listen to informal yet insightful thoughts from leaders in the field and from up-and-coming retina specialists. A few months after my podcast debut, I taught a retina surgical coding course onsite at Bascom Palmer. This column is a compilation of some of the most common questions that came up that day and my answers to them.

MEDICAL NECESSITY AND CODE SELECTION GUIDELINES

Medical Necessity

Medical necessity is the foundation of the Medicare program. Coverage of a Medicare service depends on that service being medically necessary and medically reasonable. Sweet and simple. This applies to all services: office visits, diagnostic tests, and surgery.

Coverage of Services

Section B3 2320 of the Medicare Carriers Manual states, "The coverage of services rendered by an ophthalmologist is dependent on the purpose of the examination rather than the ultimate diagnosis of the patient's condition." Thus, the principal coding of a surgical case should be guided by the *purpose* of the surgery, not by other procedures that may also be performed.

Selecting the Order of CPT Codes

Normally, one lists the order of multiple Current Procedural Terminology (CPT) codes with the highest paying code first. However, sometimes bundling under the National Correct Coding Initiative (NCCI) kicks in, and then all of the codes cannot be used. Again, the codes selected should be chosen by the *purpose* of the procedure, as in the example below.

Example: Removal of previously placed silicone oil and placement of prophylactic focal endolaser. The removal of

the oil and delivery of the focal endolaser (higher paying procedure) are bundled. The correct coding choice is 67121, Removal of implanted material posterior segment. The focal endolaser pays more, but the medical necessity and purpose is for the removal of the silicone oil, not for the prophylactic procedure.

Code Selections and Definitions

The CPT instructions for code selection are as follows: "Select the name of the procedure or service that accurately identifies the service performed. Do not select a CPT code that merely approximates the service provided. If no such specific code exists, then report the service using the appropriate unlisted procedure or service code."

In CPT code definitions, note that, when a code is indented, the description up to the semicolon on the line above is included as a prefatory phrase to the indented material, as in the following example:

SILICONE OIL REMOVAL

Applicable Codes

65920	Removal of implanted material, anterior segment of eye
67025	Injection of vitreous substitute, pars plana or limbal approach (fluid-gas exchange) with or without aspiration (separate procedure)
67036	Vitrectomy, mechanical, pars plana approach;
67039	with focal endolaser photocoagulation
67121	Removal of implanted material, posterior segment; intraocular
68110	Excision of lesion, conjunctiva; up to 1 cm

Q: What codes would you use for silicone oil removal? Please compare 67121 vs 67036 vs 67039. Do you have to use a modifier if the procedure is performed outside of the global period?

A: Various issues must be addressed in order to answer this question, beginning with the previously discussed premise of medical necessity. If the eye has already been vitrectomized, CPT code 67121 may be a better choice than 67036. Focal endolaser is a higher paying code; however, *prophylactic* laser was not the *purpose* of the surgery and thus is not the reason the surgery was undertaken. Focal endolaser photocoagulation is bundled with 67121

and 67036.

Whenever silicone oil has migrated to the anterior chamber and is removed via that route, an anterior segment code for removal of implanted material (65920) is used rather than code 67121.

Modifiers that allow payment are only needed during the 90-day global period of a major surgery (ie, 58, 78, or 79).¹

Example No. 1

History: A rhegmatogenous retinal detachment in a patient's left eye had previously been repaired using silicone oil, and the oil must be removed. This occurs outside the global period.

From the Operative Notes*: "25-gauge vitrectomy ports were placed 4mm posterior to the limbus; inferotemporal, superotemporal, and superonasal. The silicone oil was passively and then actively aspirated from the left eye. Air-fluid exchange was performed multiple times to remove any remaining bubbles..."

*HIPAA regulations mandate that the identity of the surgeon not be revealed in this and the following examples. The quotes are reproduced verbatim without editing.

Diagnosis Codes

1. T85.698A Other mechanical complication of other specified internal prosthetic devices, implants and grafts
2. Z98.89 Personal history of surgery

CPT CODE	MODIFIERS	ICD-10-CM CODES
67121 Removal of implanted material, posterior segment; intraocular	-LT	1, 2
Note: CPT code 67025 is bundled with 67121 under the NCCI and should not be coded.		

Example No. 2

History: The patient previously had a repair of a retinal detachment in the right eye using silicone oil and presents with an epiretinal membrane (ERM) and multiple inclusion cysts that are filled with the oil.

From the Operative Notes: "The prominent conjunctival inclusion cysts nasal and infranasal were dissected. They were filled with silicone oil, which was removed and the wall of the cyst was excised. Smaller cysts inferiorly were also excised. They also contained silicone oil. The conjunctiva was opened in small limbal peritomies inferotemporally, supratemporally and supranasally. Sclerotomy sites were fashioned 3 mm posterior to the limbus at the 8:00, 10:00 and 2:00 positions. Infusion port was secured inferotem-

porally with 5-0 Mersilene. Direct inspection through the pupil showed the tip to be unobstructed. Silicone oil was removed. It appeared to be 5000 centistoke oil. Several air-fluid exchanges were performed to facilitate further removal of the oil, although the crystal lens which is made of silicone did bind to some of the silicone oil. Triescence was placed over the macula and pick and forceps was used to elevate a sheet of epiretinal membrane off the macula."

Diagnosis Codes

1. T85.698A Other mechanical complication of other specified internal prosthetic devices, implants and grafts
2. H35.371 Epiretinal membrane, right eye
3. H11.441 Conjunctival cysts, right eye
4. Z98.89 Personal history of surgery

CPT CODE	MODIFIERS	ICD-10-CM CODES
67121 Removal of implanted material, posterior segment; intraocular	-RT	1, 4
67041 Vitrectomy with removal of preretinal cellular membrane	-51-59-RT	2, 4
68110 Excision of lesion, conjunctiva; up to 1 cm	-51-RT	3, 4
68110 Excision of lesion, conjunctiva; up to 1 cm	-51-59-RT	3, 4
68110 Excision of lesion, conjunctiva; up to 1 cm	-51-59-RT	3, 4
Note: Modifier 59 is used with 67041 to break the NCCI bundle (67121 + 67041) but is used with 68110 to indicate that the same procedure was performed at a separate site.		

CODING FOR LENSECTOMY

Applicable Codes

- 66850** Removal of lens material; phacofragmentation technique, mechanical or ultrasonic (eg, phacoemulsification), with aspiration
- 66852** pars plana approach, with or without vitrectomy

Q: Is 66850 or 66852 used when performing lensectomy surgery associated with a vitrectomy and ERM peel or macular hole repair?

A: There is a parenthetical comment in CPT following the listing of the vitrectomy codes that mandates "(For associated lensectomy, use 66850)." This is confusing because 66850 is an anterior approach code. It seems more logical to choose 66852 due to the words "pars plana" in the description. However, for Medicare, the

claim will not be paid because, under the NCCI, 66852 is bundled with all vitrectomy and retinal detachment repair codes.

CODING FOR ERM PEELING AND REPAIR OF MACULAR HOLE

Applicable Codes

- 67041** Vitrectomy, mechanical, pars plana approach; with removal of preretinal cellular membrane (eg, macular pucker)
- 67042** Vitrectomy, mechanical, pars plana approach; with removal of internal limiting membrane of retina (eg, for repair of macular hole, diabetic macular edema), includes, if performed, intraocular tamponade (ie, air, gas or silicone oil)

Q: Does the peeling of the internal limiting membrane (ILM) matter? What diagnoses can you use with each code (eg, macular pucker vs macular cyst vs macular hole)?

A: When an ERM peel is performed to correct macular pucker, the proper coding is 67041; if the ILM is also peeled, 67042 is not additive to the procedure—in fact, the two codes are bundled. Thus, it is the *purpose* of the surgery, combined with which procedure was *medically necessary* in fulfilling that purpose, that determines the code selection. When coding more complicated cases in which both procedures were performed, it is important to check the Medicare payments each year and choose the higher paying one.

The method of repair for code 67042 is by definition peeling of the ILM. The peeling of the ILM is inherent and is the procedure.

So, in a way, peeling of the ILM does not matter because it is bundled into 67041 and is *de facto* 67042.

The basic ICD-10-CM diagnosis for each code is as follows:

- H35.34-** Macular cyst, hole or pseudohole
- H35.37-** Puckering of macula

The last digit (signified by -) is to be added to indicate right, left, bilateral, or unspecified eye—1, 2, 3, or 9, respectively.

SURGERY INVOLVING IOL REMOVAL OR REPOSITIONING

Applicable Codes

- 66682** Suture of iris, ciliary body (separate procedure) with retrieval of suture through small incision (eg, McCannel suture)
- 66985** Insertion of intraocular lens prosthesis (secondary implant) not associated with concurrent cataract removal
- 66986** Exchange of intraocular lens
- 66825** Repositioning of intraocular lens prosthesis,

“ When an ERM peel is performed to correct macular pucker, the proper coding is 67041; if the ILM is also peeled, 67042 is not additive to the procedure—in fact, the two codes are bundled.

- 66850** requiring an incision
Removal of lens material; phacofragmentation technique, mechanical or ultrasonic (eg, phacoemulsification), with aspiration
- 67036** Vitrectomy, mechanical, pars plana approach;
- 67108** Repair of retinal detachment; with vitrectomy, any method including, when performed, air or gas tamponade, focal endolaser photocoagulation, cryotherapy, drainage of subretinal fluid, scleral buckling, and/or removal of lens by same technique
- 67121** Removal of implanted material, posterior segment; intraocular

Q: What is the proper coding for vitrectomy, IOL removal, and suturing of a new IOL? Should it be 67036 and then IOL exchange, or 67036 with IOL removal (posterior segment) and then suturing?

A: This is a complicated question, and the answer depends on the specific clinical situation. The coding involves the use of different CPT codes and selection of the proper codes depending on the maneuvers performed. It frequently involves application of modifier 59 for unbundling code pair edits that appear in the NCCI.

A perusal of the applicable codes for this section reveals a mixture of anterior and posterior segment codes that are often utilized in combination with each other. Code 67121 was first issued for coding retrieval of an IOL that had fallen into the posterior segment. Different coding sequences may often be used for the same case, which further complicates the issue when both ways are correct (see Case No. 4 in my November/December 2016 column in *Retina Today*).²

Another conundrum is whether use of 67036 is legitimate



LISTEN UP

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when a previous pars plana posterior vitrectomy has been performed.

Below are several examples to address these queries.

Example No. 1

History: Retained lens fragments were in the pupil and anterior chamber of the left eye and blocked any view of the posterior pole. Retained lens fragments were also present in the posterior vitreous.

From the Operative Notes: "The conjunctiva was opened from infero-nasally to infero-temporally along the superior 180 degrees. A corneal marker was used to mark two points 180 degrees apart.

Four sclerotomies were made 2mm to each side of, and three mm posterior to these marks. The infusion was placed outside of these sclerotomies infero-nasally. A lamellar wound was created superiorly and brought forward to the clear cornea without entering the anterior chamber. A 25 paracentesis was performed temporally and the anterior chamber filled with Healon. The lens was pushed into the posterior chamber. Vitrectomy was performed to release the lens and allow it to fall back. Closed vitrectomy was carried out under wide field visualization. Endolaser was applied between the equator and the ora 360 degrees. A fragmatome was introduced and used to remove the retained lens fragments... An Akreos lens was threaded with Goretex sutures and the sutures entered into the posterior chamber from the limbal wound and exited with forceps through each sclerotomy. The lens was folded and inserted into the posterior chamber. The sutures were tightened. The lens centration was less than satisfactory. A new sclerotomy was created further superiorly 3 mm posterior to the limbus and the Goretex suture moved to the new sclerotomy. Lens centration was excellent. The Goretex sutures were tied..."

Diagnosis Codes

1. **H59.022** Cataract (lens) fragments in eye following cataract surgery, left eye
2. **H27.02** Aphakia, left eye
3. **Z98.89** Personal history of surgery

CPT CODE	MODIFIERS	ICD-10-CM CODES
67036 Vitrectomy, mechanical, pars plana approach	-LT	1, 3
66850 Removal of lens material; phacofragmentation technique, mechanical or ultrasonic (eg, phacoemulsification), with aspiration	-51-LT	1, 3
66985 Insertion of intraocular lens prosthesis (secondary implant) not associated with concurrent cataract removal	-51-59-LT	2, 3
66682 Suture of iris, ciliary body (separate procedure) with retrieval of suture through small incision (eg, McCannel suture)	-51-LT	2, 3
Note: The difference between codes 66985 and 66986 is that the former is used when the IOL is inserted in an eye that has been rendered aphakic, whereas the latter is used when the action takes place anteriorly and the IOLs are exchanged. As an example, see Case No. 4, option 2 in my November/December 2016 column in <i>Retina Today</i> . ²		

Example No. 2

History: A displaced IOL was present in the posterior segment along with capsule and crystalline lens remnants on the macula in the right eye.

From the Operative Notes: "The conjunctiva was opened 360 degrees. Partial thickness, limbus based, 4 mm wide, sclera flaps were created 3mm posteriorly, 180 degrees apart, as marked by an astigmatic marker... A lamellar scleral tunnel was made up into clear cornea superiorly and the AC entered with a keratome. The AC was filled with Healon. Closed vitrectomy was carried out under wide field visualization. Endolaser was applied between the equator and ora 360 degrees. No retinal breaks were noted. The intraocular lens, capsule and lens remnants were on the macula. The lens was grasped and brought into the anterior chamber and placed on the iris. Further viscoelastic was injected into the AC and the superior wound enlarged with the keratome. The IOL was grasped with the Kelman forceps and removed from the eye. The retained lens fragments and capsular remnants were brought to the

wound using viscoelastic and removed using the superior wound. An Akreos lens was brought into the field and prepared by placement of Goretex sutures. The Goretex sutures were passed through the AC and out through each sclerotomy in the scleral beds. The IOL was folded and inserted into the posterior chamber...”

Diagnosis Codes

1. **T85.22xA** Displacement of intraocular lens
2. **H27.01** Aphakia, right eye
3. **Z98.89** Personal history of surgery

CPT CODE	MODIFIERS	ICD-10-CM CODES
67121 Removal of implanted material, posterior segment; intraocular	-RT	1, 3
67036 Vitrectomy, mechanical, pars plana approach	-51-59-RT	1, 3
66985 Insertion of intraocular lens prosthesis (secondary implant) not associated with concurrent cataract removal	-51-RT	2, 3
66682 Suture of iris, ciliary body (separate procedure) with retrieval of suture through small incision (eg, McCannel suture)	-51-RT	2, 3

Example No. 3

History: The patient presented with a retinal detachment, retained lens fragments, and a malpositioned IOL in the right eye.

From the Operative Notes: “Closed vitrectomy was carried out under wide field visualization. Vitreous traction was relieved from the lens fragments suspended in the vitreous... The fragmatome was placed in the eye and used to remove the lens fragments. Examination of the retina revealed two horseshoe style breaks superotemporally. An air-fluid exchange was performed. Endolaser was applied 360 degrees with care taken to surround the retinal breaks.

An iris hook was placed temporally. Viscoelastic was placed in the anterior chamber. The intraocular lens was dialed so as to free the haptic from the iris, and a Sinsky hook was used to elevate the haptic from the iris and place it above the remaining lens capsule. The lens showed good

centration and stability. The iris hook was removed... Further air-fluid exchange was performed. The vitreous cavity was washed with 20% SF₆ gas...”

Diagnosis Codes

1. **H33.021** Retinal detachment with multiple breaks, right eye
2. **H59.021** Cataract (lens) fragments in the eye following cataract surgery, right eye
3. **T85.22xA** Malposition of intraocular lens
4. **Z98.89** Personal history of surgery ■

CPT CODE	MODIFIERS	ICD-10-CM CODES
67108 Repair of retinal detachment; with vitrectomy, any method including, when performed, air or gas tamponade, focal endolaser photocoagulation, cryotherapy, drainage of subretinal fluid, scleral buckling, and/or removal of lens by same technique	-RT	1, 4
66850 Removal of lens material; phacofragmentation technique, mechanical or ultrasonic (eg, phacoemulsification), with aspiration	-51-59-RT	2, 4
66825 Repositioning of intraocular lens prosthesis, requiring an incision	-51-59-RT	3, 4

Note: Code 66850 is bundled with 67108; 66825 is bundled with 66850. I elected to add modifier 59 to unbundle the NCCI code pair edits because different instrumentation (fragmatome rather than vitrector) was used to remove lens fragments.

1. Asbell RL. Coding for surgical procedures in the global period. *Retina Today*. 2014;9(6):35-37.

2. Asbell RL. Anterior segment surgery by posterior segment surgeons. *Retina Today*. 2016;11(6):18-24.

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