

Supplemental Table 1. Current Procedural Terminology (CPT) codes for identification of intraocular surgeries

Surgery Type	Subgroup	CPT codes
Cataract	Standard	66982, 66984
	Other	66850, 66920, 66930, 66940, 66983
Corneal Transplant	PK	65730, 65750, 65755
	EK	65756
	ALK	65710
	Keratoprosthesis	65770
Secondary IOL	IOL insertion alone	66985
Retina	IOL exchange	66986
	PPV + RD repair	67108, 67113
	PPV + Laser	67039, 67040
	PPV + Membrane peel	67041, 67042, 67043
	Silicone oil removal	67121
Glaucoma	Trabeculectomy	66170, 66172
	Tube shunt	66179, 66180
	MIGS	0191T, 0253T, 0450T, 0474T, 65820, 65850, 65865, 66174, 66175, 66186

ALK=anterior lamellar keratoplasty; EK=endothelial keratoplasty; IOL=intraocular lens; MIGS=minimally invasive glaucoma surgery; PK=penetrating keratoplasty; PPV=pars plana vitrectomy; RD=retinal detachment

Supplemental Table 2. Current Procedural Terminology (CPT) codes for identification of additional intraocular surgeries for exclusion

Category	CPT codes
Open globe injury repair	65235, 65260, 65265, 65270, 65275, 65280, 65285, 65296
Other cornea	65765, 65767
Other anterior segment	65815, 65870, 65875, 65880, 65900, 65920, 65930, 66225, 66250, 66600, 66605, 66635, 66680, 66682, 66740, 66770, 66820, 66825, 66830, 66840, 66999, 67005, 67010
Other glaucoma	0449T, 66150, 66155, 66160, 66161, 66183, 66184, 66185, 66500, 66505, 66625, 66630, 66711, 66987, 66988, 67120
Other retina	66852, 67025, 67027, 67030, 67036, 67299

Supplemental Table 3. International Classification of Diseases, Tenth Revision-Clinical Modification (ICD-10 CM) codes for identification of endophthalmitis

	ICD-10-CM codes
Purulent endophthalmitis, unspecified	H44.001 (right eye)
	H44.002 (left eye)
	H44.003 (bilateral)
	H44.009 (unspecified)
Panophthalmitis	H44.011 (right eye)
	H44.012 (left eye)
	H44.013 (bilateral)
	H44.019 (unspecified)
Vitreous abscess	H44.021 (right eye)
	H44.022 (left eye)
	H44.023 (bilateral)
	H44.029 (unspecified)
Other endophthalmitis	H44.19

Supplemental Table 4. Endophthalmitis rates and day of diagnosis postoperatively after intraocular surgery stratified by patient characteristics in Medicare beneficiaries from 2016 to 2019

	Number of surgeries	Endophthalmitis cases	Endophthalmitis rate (%)
Age (yrs)			
65-74	5279624	4345	0.08
75-84	3764105	3444	0.09
85+	700671	866	0.12
Sex			
Male	3921725	4001	0.10
Female	5822675	4654	0.08
Race			
White	8184667	7226	0.09
Asian	215931	172	0.08
Black	769729	750	0.10
Hispanic	204583	216	0.11
Native American	33725	30	0.09
Other/unknown	335765	261	0.08
Year			
2016	2366730	2123	0.09
2017	2448683	2274	0.09
2018	2556892	2307	0.09
2019	2372095	1951	0.08
2020			
CCI			
0	4043224	2970	0.07
1-6	5276725	5083	0.10
≥7	424451	602	0.14

CCI=Charlson comorbidity index