

# Cataract Surgery (CTRTSU) Episode Description

Signify Health Version 1.1

An episode of care, also known as an episode, groups all relevant services provided to a patient for a particular condition within a confined time range. An episode of care serves as a unit of accounting as well as a unit of accountability for providers who take on financial risk for the episode. Defining an episode in such a manner helps to identify sources of variation and to standardize care.

An episode of care for Cataract Surgery, sometimes abbreviated CTRTSU, is a procedural episode. The Cataract Surgery episode includes services related to the procedure within the 30-day pre- and 90-day post-operative care time window, such as diagnostic services, (imaging, labs etc.), office visits, surgery itself and ancillary services.

## Episode Components

Triggers	A Cataract Surgery episode trigger includes an outpatient facility or professional claim with a procedure trigger code in any position and a qualifying diagnosis code in any position on the same claim (Table 1).
Typical Diagnosis	Typical diagnosis codes (ICD 10 DX codes) indicate typical care. Claims with typical diagnosis codes usually associated with an episode help steer services into this episode. However, a relevant procedure code is required on the same claim/claim line for the indicated diagnosis code to be incorporated into the episode. (Table 2)
Actionable adverse events (AAE)	Actionable adverse events (AAE) are events that are recognized by diagnosis codes (ICD 10 DX codes) and their timing to indicate potential complications of care. They require a relevant procedure code (ICD 10 PX codes; CPT/HCPCS codes) on the same claim/claim line to assign the claim to the episode. Additional rules are used to identify AAEs in addition to the presence of AAE diagnosis codes. For example, relevant acute inpatient readmission claims

	are flagged as actionable adverse events regardless of the presence of AAE codes. (Table 3)
Relevant Procedure Codes	All relevant services within the timeframe of an episode are included within an episode. These include office visits, emergency room visits, inpatient professional or facility services, labs, radiology or ancillary services. Relevant diagnosis and procedure codes help identify which services are included. Some procedure codes are sufficient to stand alone, while others require typical or actionable adverse event (AAE) diagnosis codes on the same claim/claim line to steer services into the episode. (Tables 4 and 5)
Relevant Pharmacy	All relevant pharmacy services are included within an episode. These are identified by National Drug Codes (NDC) on a pharmacy claim and are grouped using the RxNorm grouping classification for ease of assigning them into episodes. (Table 6)
SubTypes	<p>Episode subtypes are used to adjust the target price and/or to subset episode type for reporting purposes. They are specific to the episode and identified from the trigger claim or from claims during the look-back period.</p> <p>Examples of Subtype Groups:</p> <ul style="list-style-type: none"> <li>• Remove Cataract and Implant Intraocular Lens</li> <li>• Remove Cataract without Implanting Intraocular Lens</li> <li>• High Risk Cataract Surgical Anatomy</li> </ul>

# Code Tables

Table 1: Trigger Codes

Trigger Type	Code Value
CPT / HCPCS Triggers	0308T, 66840, 66850, 66852, 66920, 66930, 66940, 66982, 66983, 66984
ICD-10-CM (DX) Qualifying Diagnosis	E0836, E0936, E1036, E1136, E1336, H25011, H25012, H25013, H25019, H25031, H25032, H25033, H25039, H25041, H25042, H25043, H25049, H25091, H25092, H25093, H25099, H2510, H2511, H2512, H2513, H2520, H2521, H2522, H2523, H25811, H25812, H25813, H25819, H2589, H259, H26001, H26002, H26003, H26009, H26011, H26012, H26013, H26019, H26031, H26032, H26033, H26039, H26041, H26042, H26043, H26049,

	H26051, H26052, H26053, H26059, H26061, H26062, H26063, H26069, H2609, H26101, H26102, H26103, H26109, H26111, H26112, H26113, H26119, H26121, H26122, H26123, H26129, H26131, H26132, H26133, H26139, H2620, H26211, H26212, H26213, H26219, H26221, H26222, H26223, H26229, H26231, H26232, H26233, H26239, H2630, H2631, H2632, H2633, H2640, H26411, H26412, H26413, H26419, H26491, H26492, H26493, H26499, H268, H269, H28, H53131, H53132, H53133, H53139, H540, H540X33, H540X34, H540X35, H540X43, H540X44, H540X45, H540X53, H540X54, H540X55, H5410, H5411, H541131, H541132, H541141, H541142, H541151, H541152, H5412, H541213, H541214, H541215, H541223, H541224, H541225, H542, H542X11, H542X12, H542X21, H542X22, H543, H5440, H5441, H54413A, H54414A, H54415A, H5442, H5442A3, H5442A4, H5442A5, H5450, H5451, H54511A, H54512A, H5452, H5452A1, H5452A2, H5460, H5461, H5462, H548, Q120, Q129
ICD-10-PCS (PX) Triggers	085J3ZZ, 085K3ZZ, 08BJ3ZZ, 08BK3ZZ, 08DJ3ZZ, 08DK3ZZ

Table 2: ICD-10 Typical Diagnosis

Group ID	Group Name	Code Value
DXX02141	Blurred vision / Diplopia	H53041, H53042, H53043, H53049, H5371, H5372, H538, H539, H547, Z973
DXX02144	Astigmatism	H52201, H52202, H52203, H52209, H52211, H52212, H52213, H52219, H52221, H52222, H52223, H52229
DXX02157	High risk cataract surgical anatomy	H2181, H5703, H5709
DXX02158	Mature or Hypermature Cataract	H25041, H25042, H25043, H25049, H2520, H2521, H2522, H2523, H25811, H25812, H25813, H25819, H2589
DXX02159	Secondary Cataract	H2620, H26211, H26212, H26213, H26219, H26221, H26222, H26223, H26229, H26231, H26232, H26233, H26239, H2630, H2631, H2632, H2633, H26491, H26492, H26493, H26499, H28
DXX02162	Traumatic Cataract	H26101, H26102, H26103, H26109, H26111, H26112, H26113, H26119, H26121, H26122, H26123, H26129, H26131, H26132, H26133, H26139
DXX02163	Preglaucoma/Open Angle Glaucoma	H4089, H409
DXX02164	Secondary/Low Tension Glaucoma	H4050X0, H4050X1, H4050X2, H4050X3, H4050X4, H4051X0, H4051X1, H4051X2, H4051X3, H4051X4, H4052X0, H4052X1, H4052X2, H4052X3, H4052X4,

		H4053X0, H4053X1, H4053X2, H4053X3, H4053X4
DXX02168	Congenital Cataract	H26001, H26002, H26003, H26009, H26011, H26012, H26013, H26019, H26031, H26032, H26033, H26039, H26041, H26042, H26043, H26049, H26051, H26052, H26053, H26059, H26061, H26062, H26063, H26069, H2609, Q120, Q129
DXX02174	Cataract	H25011, H25012, H25013, H25019, H25031, H25032, H25033, H25039, H25091, H25092, H25093, H25099, H2510, H2511, H2512, H2513, H259, H269
DXX02175	Other visual impairment	H5310, H5311, H53121, H53122, H53123, H53129, H53141, H53142, H53143, H53149, H5319, H532, H5330, H5333
DXX02176	Visual field defects	H5340, H53411, H53412, H53413, H53419, H53421, H53422, H53423, H53429, H53431, H53432, H53433, H53439, H53451, H53452, H53453, H53459, H53481, H53482, H53483, H53489
DXX02184	Visual loss, blindness	H5441, H5442, H5451, H5452, H5461, H5462
DXX02187	After Cataract	H26411, H26412, H26413, H26419
DXX0234	Eye - refraction ds	H4420, H4421, H4422, H4423, H5200, H5201, H5202, H5203, H5210, H5211, H5212, H5213, H5232, H524, H52521, H52522, H52523, H52529, H52531, H52532, H52533, H52539, H526, H527
DXX0240	Eye - cataract	Z961
DXX0258	Eye - vision exam	Z0100, Z0101
DXX0262	Eye - strabismus / related	H5021, H5022
DXX0263	Eye - vitreous opacities	H43391, H43392, H43393, H43399
DXX0265	Eye - other eye ds	H579, Z460, Z9841, Z9842, Z9849, Z9883
DXX10102	diabetes mellitus with ophthalmic manifestations	E0939, E1039, E1139, E1339
DXX10105	Diabetic cataract	E0836, E0936, E1036, E1136, E1336
DXX2159	Toxic Effects of Radiation	H268
DXX2350	Othr - post-surgical states nec	Z978
DXX2370	Fever & Chills	R509, R6883
DXX2374	Residual codes, unclassified	Z83518
DXX2379	Observation/Examination	Z0000, Z0189
DXX2381	Aftercare	Z5189

DXX2382	Preventive Screening	Z135
XX0000	Ungrouped Codes	H54413A, H54414A, H54415A, H5442A3, H5442A4, H5442A5, H54511A, H54512A, H5452A1, H5452A2, H1045, R519, Z01020, Z01021, Z0489

Table 3: ICD-10 Actionable Adverse Events

Group ID	Group Name	Code Value
DXX0020	Superficial injury; contusion	S0010XA, S0010XD, S0011XA, S0011XD, S0012XA, S0012XD, S0510XD, S0511XD, S0512XD, S0590XA
DXX02112	Inj - cornea - foreign body	T1500XA, T1501XA, T1502XA
DXX02113	Inj - conjunctiva - foreign body	T1510XA, T1511XA, T1512XA
DXX02114	Inj - eye / adnexa - foreign body	T1580XA, T1581XA, T1582XA, T1590XA, T1591XA, T1592XA
DXX02120	acute eye infections	H00031, H00032, H00033, H00034, H00035, H00036, H00039, H10011, H10012, H10013, H10019, H10021, H10022, H10023, H10029, H1010, H1011, H1012, H1013, H10211, H10212, H10213, H10219, H10221, H10222, H10223, H10229, H10231, H10232, H10233, H10239, H1030, H1031, H1032, H1033, H20051, H20052, H20053, H20059
DXX02122	Acute infection of conjunctiva or eyelids	H01001, H01002, H01003, H01004, H01005, H01006, H01009, H01011, H01012, H01013, H01014, H01015, H01016, H01019, H01021, H01022, H01023, H01024, H01025, H01026, H01029, H10411, H10412, H10413, H10419, H10501, H10502, H10503, H10509, H10521, H10522, H10523, H10529, H10531, H10532, H10533, H10539
DXX02124	Retinal Complications	G453, H34821, H34822, H34823, H34829, H3560, H3561, H3562, H3563
DXX02125	Macular degeneration	H35341, H35342, H35343, H35349, H35351, H35352, H35353, H35359, H35371, H35372, H35373, H35379, H35381, H35382, H35383, H35389, H35411, H35412, H35413, H35419
DXX02128	Postprocedural Blebitis	H5940, H5941, H5942, H5943
DXX02129	Acute iridocyclitis	H2000, H20011, H20012, H20013, H20019, H20021, H20022, H20023, H20029, H20031, H20032, H20033,

		H20039, H20041, H20042, H20043, H20049, H2020, H2021, H2022, H2023, H2100, H2101, H2102, H2103
DXX02130	Corneal Edema and inflammation	H16101, H16102, H16103, H16109, H16141, H16142, H16143, H16149, H16211, H16212, H16213, H16219, H16221, H16222, H16223, H16229, H169, H1810, H1811, H1812, H1813, H18211, H18212, H18213, H18219, H18231, H18232, H18233, H18239, H1840, H18421, H18422, H18423, H18429, H1849
DXX02133	Dislocation of lens	H2710, H27111, H27112, H27113, H27119, H27121, H27122, H27123, H27129, H27131, H27132, H27133, H27139, H278, H279
DXX02135	Pain, swelling, redness of eye	H1130, H1131, H1132, H1133, H5710, H5711, H5712, H5713, H578
DXX02137	Optic & Retrobulbar Neuritis	H4600, H4601, H4602, H4603, H4610, H4611, H4612, H4613, H463, H468, H469
DXX02138	Superficial Injury during eye surgery	S00221A, S00222A, S00229A, S0500XA, S0501XA, S0502XA
DXX02145	Sudden or profound visual loss	H53131, H53132, H53133, H53139, H543, H548
DXX02146	Vitreous hemorrhage and degeneration	H4300, H4301, H4302, H4303, H4310, H4311, H4312, H4313, H43811, H43812, H43813, H43819, H4389, H439
DXX02147	Complications after eye surgery	H31301, H31302, H31303, H31309, H5060, H59011, H59012, H59013, H59019, H59021, H59022, H59023, H59029, H59031, H59032, H59033, H59039, H59091, H59092, H59093, H59099, H59111, H59112, H59113, H59119, H59121, H59122, H59123, H59129, H59211, H59212, H59213, H59219, H59221, H59222, H59223, H59229, H59311, H59312, H59313, H59319, H59321, H59322, H59323, H59329, H59331, H59332, H59333, H59339, H59341, H59342, H59343, H59349, H59351, H59352, H59353, H59359, H59361, H59362, H59363, H59369, S00201D, S00202D, S00209D, S00211D, S00212D, S00219D, S00251D, S00252D, T8521XA, T8521XD, T8522XA, T8522XD, T8529XA, T8529XD
DXX02149	Endophthalmitis, other deep eye infections	H15001, H15002, H15003, H15009, H15101, H15102, H15103, H15109, H44001, H44002, H44003, H44009, H44011, H44012, H44013, H44019,

		H44021, H44022, H44023, H44029, H44111, H44112, H44113, H44119, H44131, H44132, H44133, H44139, H4419
DXX02150	Ptosis of eye	H02401, H02402, H02403, H02409, H02411, H02412, H02413, H02419, H02421, H02422, H02423, H02429, H02431, H02432, H02433, H02439
DXX02151	Hypotony of eye	H4440, H44421, H44422, H44423, H44429, H44431, H44432, H44433, H44439
DXX02152	Foreign body in eye	H44711, H44712, H44713, H44719, H44731, H44732, H44733, H44739, H44791, H44792, H44793, H44799, T1500XD, T1501XD, T1502XD, T1510XD, T1511XD, T1512XD, T1580XD, T1581XD, T1582XD, T1590XD, T1591XD, T1592XD
DXX02159	Secondary Cataract	H2640
DXX02163	Preglaucoma/Open Angle Glaucoma	H40831, H40832, H40833, H40839
DXX02164	Secondary/Low Tension Glaucoma	H401410, H401411, H401412, H401413, H401414, H401420, H401421, H401422, H401423, H401424, H401430, H401431, H401432, H401433, H401434, H401490, H401491, H401492, H401493, H401494, H4040X0, H4040X1, H4040X2, H4040X3, H4040X4, H4041X0, H4041X1, H4041X2, H4041X3, H4041X4, H4042X0, H4042X1, H4042X2, H4042X3, H4042X4, H4043X0, H4043X1, H4043X2, H4043X3, H4043X4, H4060X0, H4060X1, H4060X2, H4060X3, H4060X4, H4061X0, H4061X1, H4061X2, H4061X3, H4061X4, H4062X0, H4062X1, H4062X2, H4062X3, H4062X4, H4063X0, H4063X1, H4063X2, H4063X3, H4063X4
DXX02171	Corneal Ulcer	H16001, H16002, H16003, H16009, H16011, H16012, H16013, H16019, H16021, H16022, H16023, H16029, H16031, H16032, H16033, H16039, H16041, H16042, H16043, H16049, H16051, H16052, H16053, H16059, H16061, H16062, H16063, H16069, H16071, H16072, H16073, H16079
DXX02177	Retinal Detachment	H33051, H33052, H33053, H33059, H338
DXX02181	Ocular Prosthetic Device/Graft Complication	T85318D, T85328D, T85398D

DXX02182	Retinal Detachment, tear, defects	H33001, H33002, H33003, H33009, H33011, H33012, H33013, H33019, H33021, H33022, H33023, H33029, H33031, H33032, H33033, H33039, H3320, H3321, H3322, H3323, H33301, H33302, H33303, H33309, H33311, H33312, H33313, H33319, H33321, H33322, H33323, H33329, H33331, H33332, H33333, H33339, H3340, H3341, H3342, H3343
DXX02183	Retinal Vascular Occlusion	H3400, H3401, H3402, H3403, H3410, H3411, H3412, H3413, H34211, H34212, H34213, H34219, H34231, H34232, H34233, H34239, H34811, H348110, H348111, H348112, H34812, H348120, H348121, H348122, H34813, H348130, H348131, H348132, H34819, H348190, H348191, H348192, H34831, H348310, H348311, H348312, H34832, H348320, H348321, H348322, H34833, H348330, H348331, H348332, H34839, H348390, H348391, H348392, H349, H3540
DXX02184	Visual loss, blindness	H540, H5410, H5411, H5412, H542, H5440, H5450, H5460
DXX0268	Eye - dry eyes	H04121, H04122, H04123, H04129
DXX05297	Hypotension / Syncope	I952, I9581, I959, R55
DXX05375	Dehydration	E860, E861, E869
DXX09187	Wound Infections	T814XXA
DXX09190	Wound Dehiscence	T8130XA, T8131XA, T8132XA
DXX1849	Other bacterial infections	R899
DXX1850	MRSA, Drug Resistant Infections	A4902, B9562, Z1610, Z1611, Z1612, Z1619, Z1620, Z1621, Z1622, Z1623, Z1624, Z1629, Z1630, Z1635, Z1639
DXX2104	NS - acute pain - post op	G8918
DXX2171	Adverse effects of drugs	G4440, G4441, K1232, R502, T360X5A, T360X5D, T361X5A, T361X5D, T362X5A, T362X5D, T363X5A, T363X5D, T364X5A, T364X5D, T365X5A, T365X5D, T366X5A, T366X5D, T367X5A, T367X5D, T368X5A, T368X5D, T3695XA, T3695XD, T370X5A, T370X5D, T371X5A, T372X5A, T373X5A, T374X5A, T375X5A, T378X5A, T378X5D, T3795XA, T3795XD, T39015A, T39015D, T39095A, T39095D, T391X5A,



		T391X5D, T392X5A, T392X5D, T39315A, T39315D, T39395A, T39395D, T394X5A, T394X5D, T398X5A, T398X5D, T3995XA, T3995XD, T400X5A, T400X5D, T402X5A, T402X5D, T403X5A, T403X5D, T404X5A, T404X5D, T40605A, T40605D, T40695A, T40695D, T410X5D, T411X5D, T41205D, T41295D, T413X5D, T4145XD, T423X5A, T423X5D, T424X5A, T424X5D, T450X5A, T450X5D, T452X5A, T452X5D, T453X5A, T453X5D, T454X5A, T454X5D, T45515A, T45515D, T457X5A, T457X5D, T471X5A, T471X5D, T472X5A, T472X5D, T473X5A, T473X5D, T474X5A, T474X5D, T475X5A, T475X5D, T476X5A, T476X5D, T477X5A, T477X5D, T483X5A, T483X5D, T484X5A, T484X5D, T485X5A, T485X5D, T486X5A, T486X5D, T495X5A, T495X5D, T498X5A, T498X5D, T4995XA, T4995XD, T500X5A, T500X5D, T501X5A, T501X5D, T502X5A, T502X5D, T508X5A, T508X5D, T50905A, T50905D, T50995A, T50995D
DXX2175	Complications of anesthesia	T410X5A, T411X5A, T41205A, T41295A, T413X5A, T4145XA, T8852XA, T8853XA, T8859XA, Y700, Y701, Y702, Y703, Y708
DXX2354	Othr - aftercare	S00221D, S00222D, S00229D, S00241D, S00242D, S00249D, S01101D, S01102D, S01109D, S04011D, S04012D, S04019D, S04031D, S04032D, S04039D, S04041D, S04042D, S04049D, S0500XD, S0501XD, S0502XD, S0520XD, S0521XD, S0522XD, S0530XD, S0531XD, S0532XD
DXX2361	complications of surgical procedures	T81718D, T81719D, T8172XD, T8182XD, T8189XD, T819XXA, T819XXD, T888XXA, T888XXD, Y628, Y629, Y652, Y6551, Y6552, Y6553, Y710, Y740, Y741, Y742, Y743, Y748, Y770, Y771, Y772, Y773, Y778, Y780, Y781, Y782, Y783, Y788, Y800, Y801, Y802, Y803, Y808
DXX2362	complications of medical care	Y635, Y636, Y638, Y639, Y641, Y648, Y649

XX0000	Ungrouped Codes	H0100A, H0100B, H0101A, H0101B, H02151, H02152, H02153, H02154, H02155, H02156, H02159, H0220A, H0220B, H0220C, H0221A, H0221B, H0221C, H0222A, H0222B, H0222C, H0223A, H0223B, H0223C, H02881, H02882, H02883, H02884, H02885, H02886, H02889, H0288A, H0288B, H442A1, H442A2, H442A3, H442A9, H442B1, H442B2, H442B3, H442B9, H442C1, H442C2, H442C3, H442C9, H442D1, H442D2, H442D3, H442D9, H442E1, H442E2, H442E3, H442E9, H540X33, H540X34, H540X35, H540X43, H540X44, H540X45, H540X53, H540X54, H540X55, H541131, H541132, H541141, H541142, H541151, H541152, H541213, H541214, H541215, H541223, H541224, H541225, H542X11, H542X12, H542X21, H542X22, H5789, T8140XA, T8140XD, T8141XA, T8141XD, T8142XA, T8142XD, T8143XA, T8143XD, T8144XA, T8144XD, T8149XA, T8149XD, A0471, A0472, H59331, H59332, H59333, H59339, H59351, H59352, H59353, H59359, L03213, T8140XA, T8140XD, T8140XD, T8140XS, T8141XA, T8141XD, T8141XS, T8142XA, T8142XA, T8142XD, T8142XS, T8143XA, T8143XD, T8143XS, T8144XA, T8144XD, T8144XS, T8149XA, T8149XD, T8149XS, T8853XA, T8853XS, Y7711, Y7719
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Table 4: ICD-10 Relevant Procedure Codes

Group ID	Group Name	Code Value
PXX0215	Lens and cataract procedures - 015	085J3ZZ, 085J3ZZ, 085K3ZZ, 085K3ZZ, 089J30Z, 089J3ZX, 089J3ZZ, 089K30Z, 089K3ZX, 089K3ZZ, 08BJ3ZX, 08BJ3ZZ, 08BJ3ZZ, 08BK3ZX, 08BK3ZZ, 08BK3ZZ, 08DJ3ZZ, 08DK3ZZ, 08PJ3JZ, 08PK3JZ, 08QJ3ZZ, 08QK3ZZ, 08RJ30Z, 08RJ37Z, 08RJ3JZ, 08RJ3KZ, 08RK30Z,

		08RK37Z, 08RK3JZ, 08RK3KZ, 08SJ3ZZ, 08SK3ZZ, 08TJ3ZZ, 08TK3ZZ, 08WJ3JZ, 08WK3JZ
PXX0216	Repair of retinal tear, detachment - 016	08QE3ZZ, 08QF3ZZ, 3E0C3GC, 3E0CXSF
PXX0218	Diagnostic procedures on eye - 018	0890XZX, 0891XZX, 08943ZX, 08953ZX, 0898XZX, 0899XZX, 089A0ZX, 089A3ZX, 089B0ZX, 089B3ZX, 089E3ZX, 089F3ZX, 089G3ZX, 089H3ZX, 089L0ZX, 089L3ZX, 089M0ZX, 089M3ZX, 089N0ZX, 089N3ZX, 089NXZX, 089P0ZX, 089P3ZX, 089PXZX, 089Q0ZX, 089Q3ZX, 089QXZX, 089R0ZX, 089R3ZX, 089RXZX, 089SXZX, 089TXZX, 089V0ZX, 089V3ZX, 089W0ZX, 089W3ZX, 089X0ZX, 089X3ZX, 089X7ZX, 089X8ZX, 089Y0ZX, 089Y3ZX, 089Y7ZX, 089Y8ZX, 08B00ZX, 08B03ZX, 08B0XZX, 08B10ZX, 08B13ZX, 08B1XZX, 08B43ZX, 08B53ZX, 08B8XZX, 08B9XZX, 08BA0ZX, 08BA3ZX, 08BB0ZX, 08BB3ZX, 08BE3ZX, 08BF3ZX, 08BL0ZX, 08BL3ZX, 08BM0ZX, 08BM3ZX, 08BN0ZX, 08BN3ZX, 08BNXZX, 08BP0ZX, 08BP3ZX, 08BPXZX, 08BQ0ZX, 08BQ3ZX, 08BQXZX, 08BR0ZX, 08BR3ZX, 08BRXZX, 08BSXZX, 08BTXZX, 08BV0ZX, 08BV3ZX, 08BW0ZX, 08BW3ZX, 08BX0ZX, 08BX3ZX, 08BX7ZX, 08BX8ZX, 08BY0ZX, 08BY3ZX, 08BY7ZX, 08BY8ZX, 08D8XZX, 08D8XZZ, 08D9XZX, 08D9XZZ, 08J0XZZ, 08J1XZZ, 08JJXZZ, 08JKXZZ, 08JL0ZZ, 08JLXZZ, 08JM0ZZ, 08JMXZZ, 0N9P0ZX, 0N9P3ZX, 0N9P4ZX, 0N9Q0ZX, 0N9Q3ZX, 0N9Q4ZX, 0NBP0ZX, 0NBP3ZX, 0NBP4ZX, 0NBQ0ZX, 0NBQ3ZX, 0NBQ4ZX
PXX0219	Other therapeutic procedures on eyelids, conjunctiva, cornea - 019	08P0XJZ, 08P1XJZ, 3E0C33Z, 3E0C3BZ, 3E0C3HZ, 3E0C3KZ, 3E0C3TZ, 3E0C729, 3E0C73Z, 3E0C7BZ, 3E0C7GC, 3E0C7HZ, 3E0C7KZ, 3E0C7SF, 3E0C7TZ, 3E0CX29, 3E0CX3Z, 3E0CXBZ, 3E0CXGC, 3E0CXHZ, 3E0CXKZ, 3E0CXTZ
PXX0220	Other intraocular therapeutic procedures - 020	085G3ZZ, 085H3ZZ, 089A00Z, 089A0ZZ, 089A30Z, 089A3ZZ,

		089B00Z, 089B0ZZ, 089B30Z, 089B3ZZ, 089E30Z, 089E3ZZ, 089F30Z, 089F3ZZ, 089G30Z, 089G3ZZ, 089H30Z, 089H3ZZ, 08CG3ZZ, 08CH3ZZ, 08NA0ZZ, 08NA3ZZ, 08NB0ZZ, 08NB3ZZ, 08NE3ZZ, 08NF3ZZ, 08NG3ZZ, 08NH3ZZ, 08QA0ZZ, 08QA3ZZ, 08QB0ZZ, 08QB3ZZ, 08QG3ZZ, 08QH3ZZ, 08RG37Z, 08RG3JZ, 08RG3KZ, 08RH37Z, 08RH3JZ, 08RH3KZ, 08SG3ZZ, 08SH3ZZ, 08UG07Z, 08UG0JZ, 08UG0KZ, 08UG37Z, 08UG3JZ, 08UG3KZ, 08UH07Z, 08UH0JZ, 08UH0KZ, 08UH37Z, 08UH3JZ, 08UH3KZ, 3E0C3SF
PXX0221	Other extraocular muscle and orbit therapeutic procedures - 021	3E0C329
PXX02220	Ophthalmologic and otologic diagnosis and treatment - 220	4A07X0Z, 4A07X7Z, 4A07XBZ, B803ZZZ, B804ZZZ, B805ZZZ, B806ZZZ, B807ZZZ, B845ZZZ, B846ZZZ, B847ZZZ, C8191ZZ, C819YZZ, C81YYZZ, F0DZ8UZ

Table 5: Relevant Procedure Codes CPT/HCPSCS

Group ID	Group Name	Code Value
CT0025	Preventive Medicine, Care Coordination	98966, 98967, 98968, 99366, 99367, 99368, 99396, 99441, 99442, 99443, 99446, 99447, 99448, 99449, 99499
CT0026	Pain meds	J3010
CT0089	Metabolic Renal Hepatic Chemistry Panel	80047, 80048, 80050, 80053
CT0091	Physician Services - Outpatient	99201, 99202, 99203, 99204, 99205, 99211, 99212, 99213, 99214, 99215, 99241, 99242, 99243, 99244, 99245, 99354, 99355
CT01395	DME and supplies	C1840
CT0141	Rx - central nervous system - benzodiazepines	J2250
CT0163	Tests - neuro - evoked potentials	95930
CT0206	Procedure - lens / cataract - laser posterior capsulotomy	66821, 66821
CT0207	Procedure - lens / cataract - other	65920, 66820, 66820, 66825, 66830, 66830, 66985, 66985, 66986, 66986
CT0208	Procedure - lens / cataract - iol	C1780, Q1004, Q1005, V2630, V2631, V2632

CT0209	Procedure - retinal tear / detachment - scleral buckling w and w / o vitrectomy	67107, 67108
CT0210	Procedure - retinal tear / detachment - vitrectomy w / laser photocoagulation	67039, 67041, 67042, 67043
CT0211	Procedure - retinal tear / detachment - prophylaxis - laser / related	67141, 67145
CT0212	Procedure - retinal tear / detachment - other	67101, 67105, 67110, 67112
CT0215	Procedure - other intraocular rx - other	65265, 65810, 65815, 65860, 65865, 65870, 65875, 65880, 65900, 65930, 66020, 66030, 66130, 66220, 66225, 66990, 66999, 67005, 67010, 67015, 67025, 67028, 67030, 67031, 67036, 67115, 67120, 67121, 67250, 67255, 67299
CT0216	Procedure - eye - biopsy or exploration	65410, 65430, 65800, 67415, 67810, 68100, 68510, 68525
CT0222	Procedure - rx on eyelids / conjunctiva / cornea - other	66250
CT0224	Procedure - other eye procedures - other	67500, 67505
CT0225	Procedure - eye - other implants / supplies	C1784, C1814, V2787, V2788
CT0227	Other care - vision - service	92310, 92311, 92312, 92313, 92314, 92315, 92316, 92317, 92325, 92326, 92340, 92341, 92342, 92352, 92353, 92354, 92355, 92358, 92370, 92371, S0592
CT0229	Other care - vision - eyeglass lens - trifocal	V2300, V2303
CT0231	Other care - vision - eyeglass lens - bifocal	V2200, V2203
CT0232	Other care - vision - eyeglass lens	V2755
CT0236	Other care - vision - frames	V2020
CT0238	Imaging - us - eye	76510, 76511, 76512, 76513, 76514, 76516, 76519, 76529
CT02386	Ophthalmologic and otologic diagnosis and treatment	99177
CT02389	Glaucoma procedures	0191T
CT0239	Imaging - venography - other	75880
CT0240	Tests - eye - exam	99172, 99173, S0620, S0621
CT0243	Tests - eye - sensorimotor evaluation	92060
CT0244	Tests - eye - orthoptic / peoptic training	92065
CT0248	Tests - eye - retinal exam	92133, 92134, S3000
CT0251	Tests - eye - dx - other	92015, 92136, 92240, 92260, 92265, 92270, 92275, 92283, 92284, 92285, 92286, 92287, 92499
CT0253	Surgery For Glaucoma	66682
CT0254	Cataract Surgery w lens implant	0308T, 66982, 66983, 66984

CT0255	Removal of lens material wout lens implant	66840, 66850, 66852, 66920, 66930, 66940
CT0256	Eye Exam	2020F, 92002, 92004, 92012, 92014, 92225, 92226, 92227, 92228, 92230, 92235, 92250
CT0257	Other Eye Services, Glaucoma	92018, 92019, 92020, 92025, 92081, 92082, 92083, 92100, 92132, 92140, G0117, G0118
CT05307	Electrocardiogram - EKG monitoring	93000, 93005, 93010
CT10296	Low dose steroids	J1720
CT16297	Blood Count	85025, 85027, G0306, G0307
CT16299	Bleeding Status	85610
CT23398	Ancillary Services	99415, 99416
CT9904	E & M - emergency care	99283, 99284, 99285
CT9908	E & M - other	99488
CT9910	Procedure - anesthesia	01999, 99100
CT99169	Lab - specimen collection - blood - venous - venipuncture	36415
CT99191	Supplies	A6410, A6411, A6412
CT99198	PQRI	G8398
CT9924	Procedure - related supplies - implant	C1783
CT9932	Therapy - nonoperative removal of foreign body	65235
CT99392	Other diagnostic procedures (interview, evaluation, consultation)	G0438, G0439
CT9940	Therapy - other	99024
CT99408	Chronic Care Management	99487, 99489
CT99415	Physician Services - Outpatient	99358, 99359
CT99416	Procedures and Reporting	99080, 99090, 99091
CT9960	Rx - miscellaneous rx - anesthetics, local	J2001, J2400, S0020
XX0000	Ungrouped Codes	00140, 00142, 00145, 00148, 0014F, 0308T, 0329T, 0376T, 0378T, 0379T, 0444T, 0445T, 1055F, 3073F, 3120F, 3325F, 33952, 33954, 33958, 33962, 33966, 33984, 4175F, 4176F, 6030F, 92071, 92072, 92145, 92242, 99152, 99153, 99156, 99157, 99451, 99452, 99453, 99454, 99457, C1841, C1842, C9443, C9444, C9446, C9447, G0472, G0473, G0913, G0915, G0916, G0918, G6045, G6046, G8627, G8628, G8704, G8765, G8906, G9362, G9363, G9391, G9392, G9497, G9519, G9520, G9540, G9644, G9645, J2274, J2704, Q9974, S0144, 36415, 90674, 90682, 90750, 90756, 98970, 98971, 98972, 99152,

		99153, 99155, 99156, 99157, 99421, 99422, 99423, 99451, 99452, 99453, 99454, 99457, 99458, 99473, 99474, 0004U, 0006U, 0011U, 0116U, 2023F, 2025F, 2033F, C1839, G0068, G0069, G0493, G0494, G0495, G0496, G0499, G0508, G0509, G0511, G0512, G0513, G0514, G2061, G2062, G2063, G2064, G2065, G2102, G2103, G2104, G9679, G9683, G9684, G9685, G9686, G9687, G9688, G9690, G9691, G9692, G9693, G9694, G9700, G9702, G9707, G9709, G9710, G9713, G9714, G9715, G9718, G9720, G9723, G9725, G9740, G9741, G9758, G9760, G9761, G9768, G9801, G9802, G9805, G9809, G9816, G9819, G9856, G9857, G9858, G9860, G9861, G9898, G9901, G9910, G9916, G9917, G9918, G9919, G9920, G9921, G9922, G9923, G9938, G9955, M1022, M1025, M1026, M1042, M1043, M1044, M1045, M1046, M1048, M1050, M1059, M1064, M1065, M1066, M1067, M1068, M1069
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Table 6: Relevant Typical Drug Groups

Group ID	Group Name
RX016	antimigraine preparations
RX017	hypnotics and sedatives
RX0212	mydriatics and cycloplegics
RX0213	ocular vascular disorder agents
RX0215	ophthalmologicals - anesthetics local
RX0216	ophthalmologicals - antiinfectives
RX0219	other ophthalmologicals
RX0220	ophthalmologicals - antiallergics
RX0221	ophthalmologicals steroids & antiinflammatory
RX0857	antiinflammatory and antirheumatic products
RX0861	opioids

RX0862	other analgesics and antipyretics
RX0971	antiseptics and disinfectants
RX0976	irrigating solutions
RX0977	medicated dressings
RX0979	preparations for treatment of wounds and ulcers
RX16108	other hematological agents
RX18117	antibacterials for systemic use
RX18119	antiinfectives
RX19125	anxiolytics
RX99136	anesthetics general
RX99137	anesthetics local
RX99138	medical gas