

Supplemental Table 1. List of diagnosis, medication, and procedure codes used to determine patient clinical characteristics from the SOURCE data repository. (CPT = Current Procedural Terminology; HCPCS = Healthcare Common Procedure Coding System; ICD9 = International Classification of Diseases, 9th revision; ICD10 = International Classification of Diseases, 10th revision; IOP = intraocular pressure; MIGS = minimally invasive glaucoma surgery; NDC = National Drug Codes; OHT = ocular hypertension)

Category (Code type)	Variable	Code numbers
Glaucoma or OHT diagnosis (ICD9, ICD10)	Steroid response glaucoma	ICD9: 365.03, 365.31, 365.32 ICD10: H40.04x
	Ocular hypertension	ICD9: 365.04 ICD10: H40.05x
	Open-angle glaucoma	ICD9: 365.00, 365.01, 365.05, 365.10, 365.11, 365.12, 365.15 ICD10: H40.01x, H40.02x, H40.11x, H40.12x, H40.15x
Risk factors for glaucoma or OHT (ICD9, ICD10; CPT)	Type 1 diabetes mellitus	ICD9: 250.01 ICD10: E10.9
	Connective tissue disease	ICD9: 710.x, 714.x ICD10: L94.x, M05.x, M06.x, M30.x, M31.x, M32.x, M33.x, M34.x, M35.x, M36.x
	High myopia	ICD9: 360.21 ICD10: H44.2x
	History of penetrating keratoplasty	CPT: 65730, 65750, 65755
Indications for ocular steroid injections (ICD9, ICD10)	Scleritis	ICD9: 379.0x ICD10: H15.0x
	Anterior uveitis	ICD9: 364.x, 054.44, 053.22 ICD10: H20.x, A18.54, B00.51, B02.32
	Intermediate and posterior uveitis	ICD9: 363.x ICD10: H30.x, H43.89
	Panuveitis	ICD9: 360.12 ICD10: H44.x
	Diabetic retinopathy (type 1 diabetes)	ICD10: E10.3x

	Diabetic retinopathy (type 2 diabetes)	ICD10: E11.3x
	Unspecified diabetic retinopathy	ICD9: 362.07 ICD10: E13.3x
	Cystoid macular edema	ICD9: 362.53 ICD10: H59.03x, H35.35x
	Central retinal vein occlusion	ICD9: 362.35 ICD10: H34.81x
	Branch retinal vein occlusion	ICD9: 362.36 ICD10: H34.83x
	Age-related macular degeneration	ICD9: 362.50, 362.51, 362.52 ICD10: H35.31x, H35.32x
IOP-lowering drops (NDC)	Alpha agonists	0023-9177-05, 0023-9177-10, 0023-9177-15, 0023-9321-03, 0023-9321-05, 0023-9321-10, 0023-9321-15, 0065-0660-10, 0299-5980-00, 0299-5980-02, 0299-5980-30, 0299-5980-35, 0299-5980-45, 14445-400-05, 14445-400-10, 14445-400-15, 17478-715-10, 17478-715-11, 17478-715-12, 17478-716-10, 17478-716-11, 24208-411-05, 24208-411-10, 24208-411-15, 50090-1046-0, 50090-1800-0, 50090-4224-0, 61314-143-05, 61314-143-10, 61314-143-15, 61314-144-05, 61314-144-10, 61314-144-15, 61314-665-05, 61314-665-10, 70069-231-01, 70069-232-01, 70069-233-01, 0023-9211-03, 0023-9211-05, 0023-9211-10, 0023-9211-15, 0065-4147-25, 0065-4147-27, 0078-0904-38, 0078-0904-98

Beta blockers

0023-9211-03, 0023-9211-05, 0023-9211-10,
0023-9211-15, 0065-0246-10, 0065-0246-15,
0187-1496-05, 0187-1496-99, 0187-1498-25,
0378-0055-01, 0378-0221-01, 0378-0715-01,
10702-013-01, 10702-014-01, 13811-618-10,
13811-620-10, 17478-189-24, 17478-288-10,
17478-288-11, 17478-288-12, 17478-288-25,
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24208-814-25, 24208-816-05, 24208-818-25,
24208-819-05, 24658-700-01, 24658-701-01,
42806-038-01, 42806-038-10, 42806-039-01,
42806-039-10, 45865-121-01, 50090-0558-0,
50090-3441-0, 50090-5091-0, 50383-021-05,
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60429-754-01, 60505-1005-1, 60505-1005-4,
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64980-514-05, 64980-514-15, 67877-229-11,
67877-229-15, 67877-229-55, 68682-045-25,
68682-045-50, 68682-812-05, 68682-813-05,
68682-813-10, 70518-2353-0, 76478-001-05,
76478-001-10, 76478-001-15, 76478-002-05,
76478-002-10, 76478-002-12, 76478-002-15,
76519-1163-0, 0527-1763-73, 17478-514-11,
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17478-605-10, 24208-486-05, 24208-486-10,
42571-147-26, 50090-1247-0, 50383-233-05,
50383-233-10, 50383-261-61, 50383-261-91,
60429-115-10, 61314-030-01, 61314-030-02,
65862-947-18, 65862-947-60, 69315-305-05,
69315-305-10, 70069-051-12

Carbonic anhydrase inhibitors	0006-3519-36, 0065-0275-10, 0065-0275-15, 0065-0275-25, 0998-0203-15, 0998-0204-15, 0998-0206-15, 17478-223-12, 17478-224-12, 17478-226-12, 24208-485-10, 42571-141-26, 50090-1246-0, 50090-5280-0, 50383-232-05, 50383-232-10, 60219-1745-8, 60219-1746-8, 60219-1747-8, 60429-114-10, 61314-019-10, 61314-203-15, 61314-204-15, 61314-206-15, 62332-519-10, 69238-1745-8, 69238-1746-8, 69238-1747-8, 69315-304-05, 69315-304-10, 70069-181-01, 70069-191-01, 70069-201-01, 0527-1763-73, 17478-514-11, 17478-604-15, 17478-604-30, 17478-604-90, 17478-605-10, 24208-486-05, 24208-486-10, 42571-147-26, 50090-1247-0, 50383-233-05, 50383-233-10, 50383-261-61, 50383-261-91, 60429-115-10, 61314-030-01, 61314-030-02, 65862-947-18, 65862-947-60, 69315-305-05, 69315-305-10, 70069-051-12, 0065-4147-25, 0065-4147-27, 0078-0904-38, 0078-0904-98
Prostaglandin analogues	0013-8303-04, 0023-3205-02, 0023-3205-03, 0023-3205-05, 0023-3205-08, 0065-0260-02, 0065-0260-05, 0065-0260-25, 0078-0946-25, 0078-0946-40, 0078-0946-98, 0378-9651-32, 0378-9651-50, 0781-6185-56, 0781-6185-75, 0781-6206-75, 0781-6206-93, 13985-610-02, 17478-609-10, 17478-609-30, 17478-609-90, 17478-625-12, 24208-463-25, 47335-317-90, 47335-317-92, 47335-317-94, 47335-317-98, 50383-908-02, 50383-908-05, 50383-908-07, 50383-912-03, 50383-912-05, 59762-0333-2, 60505-0583-1, 60505-0583-4, 60505-0583-5, 60505-0593-1, 60505-0593-4, 61314-547-01, 61314-547-03, 61919-112-25, 62332-507-05, 62332-507-25, 62332-510-05, 62332-510-25, 62332-511-03, 62332-511-05, 64980-516-25, 65862-872-25, 68071-4612-2, 68071-4650-2, 68071-4893-2, 68083-295-01, 68083-296-01, 68180-429-01, 68180-429-02, 68180-429-03, 70069-401-01, 70069-402-01, 70069-403-01, 70069-421-01, 70069-421-03, 71205-154-25, 72266-139-01, 72266-140-01, 24208-504-01, 24208-504-02, 24208-504-05, 24208-504-06, 70727-529-25, 70727-529-99
Nitric oxide donators	24208-504-01, 24208-504-02, 24208-504-05, 24208-504-06
Rho kinase inhibitors	70727-497-25, 70727-497-99, 70727-529-25, 70727-529-99

Glaucoma surgeries and laser procedures (CPT)	Incisional glaucoma shunt surgery	1261, 1264, 1265, 1267, C1783, L8612, 66160, 66170, 66172, 66179, 66180, 66184, 66185
	MIGS drainage devices	0191T, 0253T, 0376T, 0449T, 0450T, 0474T, 66183, 66989, 66991
	Other MIGS without drainage devices	65820, 65850, 66174, 66175
	Laser glaucoma procedures	65855, 66710, 66711
Type of steroid injection (HCPCS)	Triamcinolone	J3300, J3301
	Dexamethasone	J7312
	Fluocinolone	J7311, J7313
Location of steroid injection (CPT)	Subconjunctival	68200
	Retrobulbar (including sub-Tenons)	67515, 67500
	Intravitreal	67027, 67028