Supplemental Table 1. Codes used within this study

DIAGNOSIS	ICD9 CODES	ICD10 CODES
Diabetes mellitus	250.xx	E08.xx-E13.xx
Nonproliferative diabetic retinopathy	362.01, 362.03, 362.04, 362.06	
Diabetic macular edema	362.07, 362.53, 362.82, 362.83	E08-E13 with .31x-.34x (exclude .3x9)
Proliferative diabetic retinopathy	362.02, 362.15, 362.16, 362.29, 364.42,365.63, 365.89	E08-E13 with .35x
Vitreous hemorrhage	379.23	H43.1x
Tractional retinal detachment	361.81, 361.9	H33.4x
Sickle cell disease	282.6x	D57.x
Other retinopathy	362.2x	H35.x
Retinal vascular occlusion	362.3x	H34.8x, H34.0x, H34.1x, H34.2x
Cystoid macular edema		H35.35x H35.81, H35.89
Serous retinal detachment	362.4x	H33.2x
Age related macular degeneration/choroidal neovascularization	362.5x, 362.16	H35.32x, H35.73, H35.05x
Glaucoma	365.xx	H40.xx
Hypertension	401.xx-405.xx	I10.xx-I16.xx
Hematologic disorder/malignancy	200.xx-202.xx, 203.00-203.02, 204.xx, 238.71-238.79, 283.0x, 285.22, V58.11	C81.x-C86.x, C88.x, C90.x-C-96.x, D46.x, D59.x, D63.0x, Z51.1
Nephropathy	250.4x, 580.xx-583.xx, 585.xx, 586.xx, 593.9x	E08-E13 with .2x, N00.x-N08.x, N11.x, N15.x-N19.x
Neuropathy	250.6x, 337.0x-337.1x, 354.0-355.9, 356.9x, 357.2x, 358.1x, 458.xx, 536.3x, 564.5x, 596.54, 713.5x, 951.0x, 951.1x, 951.3x	E08-E13 with .4x, G50.x-G59.x, G54.5x, G60xx-G65.x, G90.x, I95.1, K31.84, M14.60, N31.x, S04.x
Cerebrovascular disease	431.xx,433.xx-436.xx	G45.x, I60.x-I69.x
Cardiovascular disease	410.xx-414.xx, 427.1x, 427.3x-427.5x, 428.xx, 429.2x, 440.xx, 441.xx	I20.x-I25.x, I46.x, I47.x, I49.x, I50.x, I70.x, I71.x (exclude I70.2x, I70.31x)
Peripheral vascular disease	0.4x, 250.7x, 442.3x, 443.81, 443.9x, 444.22, 707.1, 785.4x, 892.1x	E08-E13 with .5x and .6x, I72.x, I72.21x, I70.31x, I73.x, I74.x, S91.x
Metabolic disorders	250.1, 250.2, 250.3	E08-E13 with .0x and .1x

PROCEDURES	CPT CODES
Intravitreal injection	67028
Prior intraocular surgery	650xx-653xx, 657xx-659xx, 66xxxx, 670xx-672xx

DRUGS	*DRUG CODES*
Bevacizumab	J3590, J9035, J3490, C9257, C9399, Q2024
Ranibizumab	J2778, C9233
Aflibercept	J0178, C9291
Triamcinolone	J3300-J3303
Dexamethasone	J1100, J7312