

**Supplementary Table 1:** Ophthalmic disease diagnoses based on International Classification of Diseases (ICD)-9 and ICD-10 codes and ophthalmological procedures based on Current Procedural Terminology (CPT) codes.

<b>Diagnosis/ Procedure</b>	<b>ICD-9/ ICD-10/ CPT codes</b>
Glaucoma	365.1*, 365.2*, 365.3*, 365.4*, 365.5*, 365.6*, 365.7*, 365.8*, 365.9*, H40.1*, H40.2*, H40.3*, H40.4*, H40.5*, H40.6*, H40.8*, H40.9*
Age-related macular degeneration (AMD)	362.50, 362.51, 362.52, H35.30, H35.31*, H35.32*
Diabetic retinopathy (DR)	249.5*, 250.5*, 362.0*, E08.31*, E08.32*, E08.33*, E08.34*, E08.35*, E08.37*, E09.31*, E09.32*, E09.33*, E09.34*, E09.35*, E09.37*, E10.31*, E10.32*, E10.33*, E10.34*, E10.35*, E10.37*, E11.31*, E11.32*, E11.33*, E11.34*, E11.35*, E11.37*, E13.31*, E13.33*, E13.34*, E13.37*
Cataract	366.*, H25.*, H26.*
Uveitis	364.0*, 364.1*, 364.2*, 364.3, H20.0*, H20.1*, H20.2*, H20.8*, H20.9
Ocular trauma	918.*, 921.*, 360.43, 360.5*, 360.6*, 360.8*, 360.9, S05.**X*, H44.6*, H44.7*, H44.8*, H44.9
Glaucoma procedures	65800, 65810, 65815 65820 65855, 66150, 66160, 66170, 66172, 66174, 66175, 6617,9 66180, 66183, 66184, 66185, 66500, 66505, 66600, 66605, 66625, 6663,0 66635, 66680, 66761, 66762
Cataract surgery	66982, 66983, 66850, 66852, 66920, 66930, 66940