**eAppendix**

**A) Ophthalmology-related ICD10 codes charted in patient consultation notes were collected and then categorized as “Extraocular”, “Intraocular”, “Infectious”, “Physiological”, or “Other”.**

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| Extraocular ICD10 Diagnoses |
| H02 | Unspecified entropion of unspecified eye, unspecified eyelid |
| S00 | Contusion of left eyelid and periocular area, initial encounter |
| S01 | Laceration without foreign body of left eyelid and periocular area, initial encounter |
| S02 | Zygomatic fracture, right side, initial encounter for closed fracture |
| T15 | Foreign body on external eye, part unspecified, right eye, initial encounter |

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| Intraocular ICD10 Diagnoses |
| H04 | Dry eye syndrome of bilateral lacrimal glands |
| H11 | Conjunctival hemorrhage, right eye |
| H15 | Unspecified disorder of sclera |
| H18 | Corneal disorder due to contact lens, left eye |
| H25 | Age-related cataract |
| H26 | Unspecified cataract |
| H34 | Tributary (branch) retinal vein occlusion, left eye, stable |
| H35 | Retinal neovascularization, unspecified, unspecified eye |
| H43 | Vitreous hemorrhage, right eye |
| H17 | Unspecified corneal scar and opacity |
| H21 | Hyphema, left eye |
| H33 | Serous retinal detachment, left eye |

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| Infectious ICD10 Diagnoses |
| B00 | Herpesviral keratitis |
| B02 | Zoster ocular disease, unspecified |
| B30 | Viral conjunctivitis, unspecified |
| H05 | Cellulitis of left orbit |
| H10 | Acute atopic conjunctivitis, left eye |
| H16 | Unspecified corneal ulcer, right eye |
| H20 | Unspecified acute and subacute iridocyclitis |
| H44 | Panuveitis, bilateral |

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| Physiological ICD10 Diagnoses |
| C69 | Malignant neoplasm of unspecified site of right eye |
| G24 | Dystonia |
| G43 | Migraine, unspecified, intractable, with status migrainosus |
| H40 | Ocular hypertension, bilateral |
| H46 | Unspecified optic neuritis |
| H47 | Other disorders of optic disc, unspecified eye |
| H49 | Third (oculomotor) nerve palsy, right eye |
| H50 | Vertical strabismus, right eye |
| H51 | Internuclear ophthalmoplegia, right eye |

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| Other ICD10 Diagnoses |
| H52 | Unspecified disorder of refraction |
| H53 | Other visual disturbances |
| H54 | Unspecified visual loss |
| H57 | Anisocoria |
| S05 | Unspecified injury of left eye and orbit, initial encounter |

**B) Ophthalmology-related ICD10 codes charted in patient consultation notes were collected and then categorized as “Trauma-related” or “Non-trauma related”.**

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| Trauma ICD10 Diagnoses |
| B00 | Herpesviral keratitis |
| B02 | Zoster ocular disease, unspecified |
| B30 | Viral conjunctivitis, unspecified |
| C69 | Malignant neoplasm of unspecified site of right eye |
| G24 | Dystonia |
| G43 | Migraine, unspecified, intractable, with status migrainosus |
| H04 | Dry eye syndrome of bilateral lacrimal glands |
| H05 | Cellulitis of left orbit |
| H10 | Acute atopic conjunctivitis, left eye |
| H11 | Conjunctival hemorrhage, right eye |
| H15 | Unspecified disorder of sclera |
| H16 | Unspecified corneal ulcer, right eye |
| H18 | Corneal disorder due to contact lens, left eye |
| H20 | Unspecified acute and subacute iridocyclitis |
| H25 | Age-related cataract |
| H26 | Unspecified cataract |
| H34 | Tributary (branch) retinal vein occlusion, left eye, stable |
| H35 | Retinal neovascularization, unspecified, unspecified eye |
| H40 | Ocular hypertension, bilateral |
| H43 | Vitreous hemorrhage, right eye |
| H44 | Panuveitis, bilateral |
| H46 | Unspecified optic neuritis |
| H47 | Other disorders of optic disc, unspecified eye |
| H49 | Third (oculomotor) nerve palsy, right eye |
| H50 | Vertical strabismus, right eye |
| H51 | Internuclear ophthalmoplegia, right eye |
| H52 | Unspecified disorder of refraction |
| H53 | Other visual disturbances |
| H54 | Unspecified visual loss |
| H57 | Anisocoria |
| S05 | Unspecified injury of left eye and orbit, initial encounter |

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| Non-Trauma ICD10 Diagnoses |
| H02 | Unspecified entropion of unspecified eye, unspecified eyelid |
| H17 | Unspecified corneal scar and opacity |
| H21 | Hyphema, left eye |
| H33 | Serous retinal detachment, left eye |
| S00 | Contusion of left eyelid and periocular area, initial encounter |
| S01 | Laceration without foreign body of left eyelid and periocular area, initial encounter |
| S02 | Zygomatic fracture, right side, initial encounter for closed fracture |
| T15 | Foreign body on external eye, part unspecified, right eye, initial encounter |