

Table E1. Grouping of individual diagnoses of eye pain.

Diagnoses within Group	Diagnosis	Total (N)
Anterior Segment Trauma (was put in “Other” category)		
	Conjunctival laceration	2
	Hyphema	1
	Hyphema of iris and ciliary body	2
Uveitis		
	Iridocyclitis	1
	Keratouveitis	5
	Uveitis (not specified)	143
Bell's Palsy		
	Bell's palsy	2
Blepharospasm		
	Blepharospasm	3
	Eyelid myokymia	1
Cataract or Other Anterior Segment Surgery		
	Cataract	1
	Disruption of external operation (surgical) wound	1
	implant erosion	1
	Incisional phantom pain	1
	Lens replaced by other means	3
	Penetrating Keratoplasty Graft In Place OU	1
	Post-operative irritation	2
	Status post procedure	62
	Status post surgery – suture	3
	Status post trabeculectomy	2
	Acute graft-versus-host disease	1
	Cornea replaced by transplant	1
	Corneal graft	1
	Corneal membrane change, unspecified	1
	Corneal transplant	1
	Radial keratotomy	1
	Status post corneal transplant	1
	Status post keratoplasty	1

Status post penetrating keratoplasty	1
Cellulitis	
Cellulitis	7
Infection	1
Orbital cellulitis	2
Phlegmon	2
Preseptal cellulitis	1
Conjunctivitis/Keratitis/Infection	
Acute conjunctivitis, unspecified	3
Allergic conjunctivitis	5
Blepharoconjunctivitis	29
Chemical exposure of eye	1
Chemosis	2
Conjunctival bleb	1
Conjunctival cysts	6
Conjunctival hemorrhage	15
Conjunctival scarring of socket	1
Conjunctivitis	323
Epidemic keratoconjunctivitis	1
Exposure keratoconjunctivitis	2
Eye cyst	1
Keratitis	145
Keratitis (neurotrophic Keratoconjunctivitis)	1
Keratoconjunctivitis	81
Ocular allergy	1
Other chronic allergic conjunctivitis	2
Pannus (corneal)	1
Peripheral pterygium, stationary	1
Phlyctenular keratoconjunctivitis	1
Photokeratitis	10
Pinguecula/Pingueculitis	11
Pterygium	23
Punctate keratitis	28
Scarring of conjunctiva	2
Subconjunctival hemorrhage	9
Superficial keratitis, unspecified	4
Superficial punctate Keratitis	16
Unspecified keratitis	4
Corneal ulcer/lesion	188
Corneal chemical burn	1
Superficial injury of cornea	3

Contact Lens Associated	
Contact lens wear	20
Cranial Mass/Neoplasm	
Brain abscess	1
Meningioma	1
Neoplasm	2
Papilloma	2
Tumor	4
Dry Eye/Blepharitis	
Blepharitis	159
Canaliculitis	1
Contact and allergic dermatitis of eyelid	1
Dacryolith	1
Dacryoadenitis	1
Dacryocystitis	11
Dermatochalasis	2
Dry eye syndrome	280
Epiphora	4
meibomian gland disease	2
Rosacea	1
Tear film insufficiency, unspecified	2
Ectropion/Entropion/Lid Disorder	
Ectropion	6
Eczema	1
Entropion	9
Eye lid retraction and lag	1
Floppy eyelid syndrome	3
Hemangioma	1
Horner's Syndrome	2
Hydrocystoma	1
Lagophthalmos	4
Ptosis	5
Unspecified disorder of eyelid	1
Trichiasis	13
Trichiasis of eyelid without entropion	17
Endophthalmitis	
Acute endophthalmitis	1

Endophthalmitis	3
Foreign Body	
Foreign Body	30
Foreign body in conjunctival sac	3
Foreign body in cornea	1
Glaucoma	
Acute Glaucoma	3
Acute pupillary block glaucoma	1
Anatomical narrow angle borderline glaucoma	1
Corticosteroid-induced glaucoma, glaucomatous stage	1
Glaucoma	26
Ocular hypertension	3
Open angle with borderline findings, low risk	1
Optic disc cupping	1
Pigment dispersion syndrome	1
Primary open angle glaucoma	1
Pseudoexfoliation glaucoma	2
Graves' ophthalmopathy	
Graves' ophthalmopathy	4
Headache/Migraine	
Cluster headache	2
Headache	60
Temporal arteritis	1
Trigeminal autonomic cephalgia	1
Migraine	107
Herpes Virus	
Herpes simplex	1
Herpes simplex dendritic keratitis	1
Herpes simplex dermatitis of eyelid	4
Herpes simplex disciform keratitis	18
Herpes simplex with unspecified ophthalmic complication	2
Herpes simplex without mention of complication	2
Herpes zoster	1
Herpes zoster dermatitis of eyelid	3
Herpes zoster without mention of complication	13
Zoster ophthalmicus	14

Hordeolum/Chalazion	
Abscess	1
Chalazion	50
Cysts of eyelids	1
Hordeolum	47
Hordeolum externum	5
Hordeolum internum	5
Idiopathic Intracranial Hypertension	
Idiopathic Intracranial Hypertension	16
Optic disc edema	1
Optic disc edema (papilledema)	2
Ischemic/Thrombotic events	
Amaurosis fugax	1
Aneurysm	2
Anterior ischemic optic neuropathy	1
Aortic dissection	1
Branch retinal vein occlusion	1
Central retinal vein occlusion	2
Cerebral venous sinus thrombosis	1
Internal carotid artery dissection	1
Ischemic optic neuritis	1
Ischemic optic neuropathy	1
Ischemic stroke	2
Post-thalamic pain syndrome	1
Retinal vein occlusion	1
Stroke	1
Vasculitis	1
Keratopathy/Corneal Dystrophy	
Band-shaped keratopathy	1
bullous keratopathy	2
corneal edema	2
Keratoconus, unspecified	7
Keratopathy	8
Map-dot-fingerprint dystrophy	6
Other anterior corneal dystrophies	1
Salzmann's nodules	1
Meningitis	
Meningitis, unspecified (from Zurich)	4
Pachymeningitis - idiopathic	1

Nasolacrimal Duct Obstruction	
Nasolacrimal duct obstruction	2
Obstruction of lacrimal canaliculus	1
Neck Related	
Cervicalgia	4
Ocular Muscle Disorder	
Accommodation Spasm	1
Brown's Syndrome	1
Convergence Spasms	1
Esotropia	1
Eye fatigue	1
Presbyopia	2
Ocular/Periocular Injury (was put in "Other" category)	
Closed fracture of orbital floor (blow-out)	1
Contusion of eyelids and periocular area	1
Hypotonic bulbus	1
Iridodialysis	1
Open Globe	1
Orbital fracture (no trauma to eye itself)	1
Orbital fracture repair	1
Orbital ulcer/lesion	1
Phthisis bulbi	4
Unspecified laceration of eye	1
Unspecified open wound of eyeball	2
Optic Neuritis	
Multiple sclerosis	8
Neuromyelitis optica	2
Optic Neuritis	58
Papillitis	1
Optic Neuropathy	
Optic neuropathy	3
Optic neuropathy (Optic Nerve Sheath Fenestration)	1
Toxic optic neuropathy	1
Traumatic optic neuropathy	1
Orbital Myositis	
Myalgia and myositis, unspecified	1

Orbital myositis	11
Orbital Tumor	
Intraconal mass	1
Optic nerve sheath meningioma	1
Orbital Granuloma	1
Orbital tumor	2
Photo-oculodysnia	
Photo-oculodysnia	3
Photophobia	1
Pituitary Tumor	
Benign neoplasm of pituitary gland and craniopharyngeal duct	1
Pituitary apoplexy	1
Pituitary mass	1
Pituitary tumor	2
Psychiatric Disorder	
Conversion disorder	3
Retinal Disease	
Age-related macular degeneration	2
Chorioretinitis	1
Choroidal hemorrhage, unspecified	1
Circumpapillary dystrophy of choroid, partial	1
CMV retinitis	1
Diabetes with ophthalmic manifestations, type II or unspecified type, not stated as uncontrolled	1
Epiretinal membrane	2
Intraocular hemorrhage	1
Macular degeneration (senile), unspecified	1
Macular edema	1
Non-proliferative diabetic retinopathy	1
Posterior vitreous detachment	5
Retinal detachment	6
Retinal hemorrhage	2
Retinitis	1
Retinopathy of prematurity, unspecified	1
Vitreous degeneration	1
Vitreous hemorrhage	2

Scleritis		
	Anterior scleritis	2
	Episcleritis	20
	Episcleritis periodica fugax	1
	Scleritis	33
Sinusitis		
	Sinusitis	1
Systemic Disease		
	Budd-Chiari Syndrome	1
	Lyme disease	1
	Melanocytosis	1
	Myoclonus	1
	Sarcoidosis	1
	Systemic lupus erythematosus	2
Tolosa-Hunt Syndrome		
	Tolosa-Hunt Syndrome	3
Trigeminal/Cranial Nerve Disorder		
	Infratrochlear neuralgia	1
	Oculomotor nerve palsy	4
	Trigeminal neuralgia	8
Unknown		
	Myopia	1
	Ocular drug toxicity	1
	Other ill-defined disorders of eye	1
	Senile nuclear sclerosis	2
	Unknown	143