

Vision

Policy/CPT	ICD-10	ICD-10 Description	ICD-9	ICD-9 Description
Plastic Photochro lense	E70.310	X-linked ocular albinism	270.2	Other disturbances of aromatic amino-acid metabolism
	E70.311	Autosomal recessive ocular albinism	270.2	Other disturbances of aromatic amino-acid metabolism
	E70.318	Other ocular albinism	270.2	Other disturbances of aromatic amino-acid metabolism
	E70.319	Ocular albinism, unspecified	270.2	Other disturbances of aromatic amino-acid metabolism
	E70.320	Tyrosinase negative oculocutaneous albinism	270.2	Other disturbances of aromatic amino-acid metabolism
	E70.321	Tyrosinase positive oculocutaneous albinism	270.2	Other disturbances of aromatic amino-acid metabolism
	E70.328	Other oculocutaneous albinism	270.2	Other disturbances of aromatic amino-acid metabolism
	E70.329	Oculocutaneous albinism, unspecified	270.2	Other disturbances of aromatic amino-acid metabolism
	H35.52	Pigmentary retinal dystrophy	362.74	Pigmentary retinal dystrophy
Polycarbonate lense				
	H53.001	Unspecified amblyopia, right eye	368.00	Amblyopia, unspecified
	H53.002	Unspecified amblyopia, left eye	368.00	Amblyopia, unspecified
	H53.003	Unspecified amblyopia, bilateral	368.00	Amblyopia, unspecified
	H53.011	Deprivation amblyopia, right eye	368.02	Deprivation amblyopia
	H53.012	Deprivation amblyopia, left eye	368.02	Deprivation amblyopia
	H53.013	Deprivation amblyopia, bilateral	368.02	Deprivation amblyopia
	H53.021	Refractive amblyopia, right eye	368.03	Refractive amblyopia
	H53.022	Refractive amblyopia, left eye	368.03	Refractive amblyopia
	H53.023	Refractive amblyopia, bilateral	368.03	Refractive amblyopia
	H53.031	Strabismic amblyopia, right eye	368.01	Strabismic amblyopia
	H53.032	Strabismic amblyopia, left eye	368.01	Strabismic amblyopia
	H53.033	Strabismic amblyopia, bilateral	368.01	Strabismic amblyopia
	H54.41	Blindness, right eye, normal vision left eye	369.61	One eye: total vision impairment; other eye: not specified
	H54.42	Blindness, left eye, normal vision right eye	369.61	One eye: total vision impairment; other eye: not specified
	H54.41	Blindness, right eye, normal vision left eye	369.62	One eye: total vision impairment; other eye: near-normal vision
	H54.42	Blindness, left eye, normal vision right eye	369.62	One eye: total vision impairment; other eye: near-normal vision
	H54.41	Blindness, right eye, normal vision left eye	369.63	One eye: total vision impairment, other eye: normal vision
	H54.42	Blindness, left eye, normal vision right eye	369.63	One eye: total vision impairment, other eye: normal vision
	H54.41	Blindness, right eye, normal vision left eye	369.64	One eye: near-total vision impairment; other eye: vision not specified
	H54.42	Blindness, left eye, normal vision right eye	369.64	One eye: near-total vision impairment; other eye: vision not specified

	H54.41	Blindness, right eye, normal vision left eye	369.65	One eye: near-total vision impairment; other eye: near-normal vision
	H54.42	Blindness, left eye, normal vision right eye	369.65	One eye: near-total vision impairment; other eye: near-normal vision
	H54.41	Blindness, right eye, normal vision left eye	369.66	One eye: near-total vision impairment; other eye: normal vision
	H54.42	Blindness, left eye, normal vision right eye	369.66	One eye: near-total vision impairment; other eye: normal vision
	H54.41	Blindness, right eye, normal vision left eye	369.67	One eye: profound vision impairment; other eye: vision not specified
	H54.42	Blindness, left eye, normal vision right eye	369.67	One eye: profound vision impairment; other eye: vision not specified
	H54.41	Blindness, right eye, normal vision left eye	369.68	One eye: profound vision impairment; other eye: near-normal vision
	H54.42	Blindness, left eye, normal vision right eye	369.68	One eye: profound vision impairment; other eye: near-normal vision
	H54.41	Blindness, right eye, normal vision left eye	369.69	One eye: profound vision impairment; other eye: normal vision
	H54.42	Blindness, left eye, normal vision right eye	369.69	One eye: profound vision impairment; other eye: normal vision
	H54.51	Low vision, right eye, normal vision left eye	369.70	Low vision, one eye, not otherwise specified
	H54.52	Low vision, left eye, normal vision right eye	369.70	Low vision, one eye, not otherwise specified
	G31.89	Other cerebral degeneration	331.89	Other specified degenerative diseases of nervous system
	G11.1	Early-onset cerebellar ataxia	334.0	Friedreich's ataxia
	G11.4	Hereditary spastic paraplegia	334.1	Hereditary spastic paraplegia
	G11.0	Congenital nonprogressive ataxia	334.2	Primary cerebellar degeneration
	G11.2	Late-onset cerebellar ataxia	334.2	Primary cerebellar degeneration
	G11.9	Hereditary ataxia, unspecified	334.2	Primary cerebellar degeneration
	G11.1	Early-onset cerebellar ataxia	334.3	Other cerebellar ataxia
	G11.8	Other hereditary ataxias	334.3	Other cerebellar ataxia
	G11.3	Cerebellar ataxia with defective DNA repair	334.8	Other spinocerebellar diseases
	G11.8	Other hereditary ataxias	334.8	Other spinocerebellar diseases
	G11.9	Hereditary ataxia, unspecified	334.9	Spinocerebellar disease, unspecified
	G11.3	Cerebellar ataxia with defective DNA repair	334.8	Other spinocerebellar diseases
	G11.8	Other hereditary ataxias	334.8	Other spinocerebellar diseases
	G11.9	Hereditary ataxia, unspecified	334.9	Spinocerebellar disease, unspecified
	R26.0	Ataxic Gait	781.2	Abnormality of gait
	R26.0	Paralytic gait	781.2	Abnormality of gait
	R26.81	Unsteadiness on feet	781.2	Abnormality of gait
	R26.89	Other abnormalities of gait and mobility	781.2	Abnormality of gait
	R26.9	Unspecified abnormalities of gait and mobility	781.2	Abnormality of gait
	R27.0	Ataxia, unspecified	781.3	Lack of coordination

	R27.8	Other lack of coordination	781.3	Lack of coordination
	R27.9	Unspecified lack of coordination	781.3	Lack of coordination
	H50.00	Unspecified esotropia	378.00	Unspecified esotropia
	H50.011	Monocular esotropia, right eye	378.01	Monocular esotropia
	H50.012	Monocular esotropia, left eye	378.01	Monocular esotropia
	H50.021	Monocular esotropia with A pattern, right eye	378.02	Monocular esotropia with A pattern
	H50.022	Monocular esotropia with A pattern, left eye	378.02	Monocular esotropia with A pattern
	H50.031	Monocular esotropia with V pattern, right eye	378.03	Monocular esotropia with V pattern
	H50.032	Monocular esotropia with V pattern, left eye	378.03	Monocular esotropia with V pattern
	H50.041	Monocular esotropia with other noncomitancies, right eye	378.04	Monocular esotropia with other noncomitancies
	H50.042	Monocular esotropia with other noncomitancies, right eye	378.04	Monocular esotropia with other noncomitancies
	H50.05	Alternating esotropia	378.05	Alternating esotropia
	H50.06	Alternating esotropia with A pattern	378.06	Alternating esotropia with A pattern
	H50.07	Alternating esotropia with V pattern	378.07	Alternating esotropia with V pattern
	H50.08	Alternating esotropia with other noncomitancies	378.08	Alternating esotropia with other noncomitancies
	H50.10	Unspecified exotropia	378.10	Unspecified exotropia
	H50.111	Monocular exotropia, right eye	378.11	Monocular exotropia
	H50.112	Monocular exotropia, left eye	378.11	Monocular exotropia
	H50.121	Monocular exotropia with A pattern, right eye	378.12	Monocular exotropia with A pattern
	H50.122	Monocular exotropia with A pattern, left eye	378.12	Monocular exotropia with A pattern
	H50.131	Monocular exotropia with V pattern, right eye	378.13	Monocular exotropia with V pattern
	H50.132	Monocular exotropia with V pattern, left eye	378.13	Monocular exotropia with V pattern
	H50.141	Monocular exotropia with other noncomitancies, right eye	378.14	Monocular exotropia with other noncomitancies
	H50.142	Monocular exotropia with other noncomitancies, left eye	378.14	Monocular exotropia with other noncomitancies
	H50.15	Alternating exotropia	378.15	Alternating exotropia
	H50.16	Alternating exotropia with A pattern	378.16	Alternating exotropia with A pattern
	H50.17	Alternating exotropia with V pattern	378.17	Alternating exotropia with V pattern
	H50.18	Alternating exotropia with other noncomitancies	378.18	Alternating exotropia with other noncomitancies
	H50.30	Unspecified intermittent heterotropia	378.20	Intermittent heterotropia, unspecified
	H50.311	Intermittent esotropia, monocular, right eye	378.21	Intermittent esotropia, monocular
	H50.312	Intermittent esotropia, monocular, left eye	378.21	Intermittent esotropia, monocular
	H50.32	Intermittent alternating esotropia	378.22	Intermittent esotropia, alternating
	H50.331	Intermittent monocular exotropia, right eye	378.23	Intermittent exotropia, monocular
	H50.332	Intermittent monocular exotropia, left eye	378.23	Intermittent exotropia, monocular
	H50.34	Intermittent alternating exotropia	378.24	Intermittent exotropia, alternating
	H5.40	Unspecified heterotropia	378.30	Heterotropia, unspecified
	H50.21	Vertical strabismus, right eye	378.31	Hypertropia
	H50.22	Vertical strabismus, left eye	378.31	Hypertropia

	H50.21	Vertical strabismus, right eye	378.32	Hypotropia
	H50.22	Vertical strabismus, left eye	378.32	Hypotropia
	H50.411	Cyclotropia, right eye	378.33	Cyclotropia
	H50.412	Cyclotropia, left eye	378.33	Cyclotropia
	H50.42	Monofixation syndrome	378.34	Monofixation syndrome
	H50.43	Accommodative component in esotropia	378.35	Accommodative component in esotropia
	H50.50	Unspecified Heterophoria	378.40	Heterophoria, unspecified
	H50.51	Esophoria	378.41	Esophoria
	H50.52	Exophoria	378.42	Exophoria
	H50.53	Vertical heterophoria	378.43	Vertical heterophoria
	H50.54	Cyclophoria	378.44	Cyclophoria
	H50.55	Alternating hyperphoria	378.45	Alternating hyperphoria
	H50.60	Mechanical strabismus, unspecified	378.60	Mechanical strabismus, unspecified
	H50.611	Brown's sheath syndrome, right eye	378.61	Brown's (tendon) sheath syndrome
	H50.612	Brown's sheath syndrome, left eye	378.61	Brown's (tendon) sheath syndrome
	H50.69	Other mechanical strabismus	378.62	Mechanical strabismus from other musculofascial disorders
	H50.69	Other mechanical strabismus	378.63	Limited duction associated with other conditions
	H50.811	Duane's syndrome, right eye	378.71	Duane's syndrome
	H50.812	Duane's syndrome, left eye	378.71	Duane's syndrome
	H50.89	Other specified strabismus	378.72	Progressive external ophthalmoplegia
	H50.89	Other specified strabismus	378.73	Strabismus in other neuromuscular disorders
	H51.0	Palsy (spasm) of conjugate gaze	378.81	Palsy of conjugate gaze
	H51.0	Palsy (spasm) of conjugate gaze	378.82	Spasm of conjugate gaze
	H51.11	Convergence insufficiency	378.83	Convergence insufficiency or palsy
	H51.12	Convergence excess	378.84	Convergence excess or spasm
	H51.8	Other specified disorders of binocular movement	378.85	Anomalies of divergence
	H51.20	Internuclear ophthalmoplegia, unspecified eye	378.86	Internuclear ophthalmoplegia
	H51.8	Other specified disorders of binocular movement	378.87	Other dissociated deviation
	H51.9	Unspecified disorder of binocular movement	378.9	Unspecified disorder of eye movements
Tinting				
	H54.0	Blindness, both eyes	369.00	Blindness of both eyes, impairment level not further specified
	H54.0	Blindness, both eyes	369.01	Better eye: total vision impairment, lesser eye: total vision impairment
	H54.12	Blindness, left eye, low vision right eye	369.10	Profound, moderate or severe vision impairment, not further specified
	H54.2	Low vision, both eyes	369.20	Vision impairment, both eyes, impairment level not further specified
	H54.2	Low vision, both eyes	369.25	Better eye: moderate impairment; lesser eye: moderate impairment
	H54.3	Unqualified visusal loss, both eyes	369.3	Unqualified visusal loss, both eyes

	H54.8	Legal blindness, as defined in U.S.A	369.4	Legal blindness, as defined in U.S.A
	H54.41	Blindness, right eye, normal vision left eye	369.61	One eye: total vision impairment; other eye: not specified
	H54.42	Blindness, left eye, normal vision right eye	369.61	One eye: total vision impairment; other eye: not specified
	H54.41	Blindness, right eye, normal vision left eye	369.62	One eye: total vision impairment; other eye: near-normal vision
	H54.42	Blindness, left eye, normal vision right eye	369.62	One eye: total vision impairment; other eye: near-normal vision
	H54.41	Blindness, right eye, normal vision left eye	369.63	One eye: total vision impairment, other eye: normal vision
	H54.42	Blindness, left eye, normal vision right eye	369.63	One eye: total vision impairment, other eye: normal vision
	H54.41	Blindness, right eye, normal vision left eye	369.64	One eye: near-total vision impairment; other eye: vision not specified
	H54.42	Blindness, left eye, normal vision right eye	369.64	One eye: near-total vision impairment; other eye: vision not specified
	H54.41	Blindness, right eye, normal vision left eye	369.65	One eye: near-total vision impairment; other eye: near-normal vision
	H54.42	Blindness, left eye, normal vision right eye	369.65	One eye: near-total vision impairment; other eye: near-normal vision
	H54.41	Blindness, right eye, normal vision left eye	369.66	One eye: near-total vision impairment; other eye: normal vision
	H54.42	Blindness, left eye, normal vision right eye	369.66	One eye: near-total vision impairment; other eye: normal vision
	H54.41	Blindness, right eye, normal vision left eye	369.67	One eye: profound vision impairment; other eye: vision not specified
	H54.42	Blindness, left eye, normal vision right eye	369.67	One eye: profound vision impairment; other eye: vision not specified
	H54.41	Blindness, right eye, normal vision left eye	369.68	One eye: profound vision impairment; other eye: near-normal vision
	H54.42	Blindness, left eye, normal vision right eye	369.68	One eye: profound vision impairment; other eye: near-normal vision
	H54.41	Blindness, right eye, normal vision left eye	369.69	One eye: profound vision impairment; other eye: normal vision
	H54.42	Blindness, left eye, normal vision right eye	369.69	One eye: profound vision impairment; other eye: normal vision
	H54.51	Low vision, right eye, normal vision left eye	369.70	Low vision, one eye, not otherwise specified
	H54.52	Low vision, left eye, normal vision right eye	369.70	Low vision, one eye, not otherwise specified
	H54.61	Unqualified visual loss, right eye, normal vision left eye	369.8	Unqualified visual loss, one eye
	H54.62	Unqualified visual loss, left eye, normal vision right eye	369.8	Unqualified visual loss, one eye
	H54.7	Unspecified visual loss	369.9	Unspecified visual loss

Chr corneal keratitis	H16.001	Unspecified corneal ulcer, right eye	370.00	Corneal ulcer, unspecified
	H16.002	Unspecified corneal ulcer, left eye	370.00	Corneal ulcer, unspecified
	H16.003	Unspecified corneal ulcer, bilateral	370.00	Corneal ulcer, unspecified
	H16.041	Marginal corneal ulcer, right eye	370.01	Marginal corneal ulcer
	H16.042	Marginal corneal ulcer, left eye	370.01	Marginal corneal ulcer
	H16.043	Marginal corneal ulcer, bilateral	370.01	Marginal corneal ulcer
	H16.049	Marginal corneal ulcer, unspecified eye	370.01	Marginal corneal ulcer
	H16.021	Ring corneal ulcer, right eye	370.02	Ring corneal ulcer
	H16.022	Ring corneal ulcer, left eye	370.02	Ring corneal ulcer
	H16.023	Ring corneal ulcer, bilateral	370.02	Ring corneal ulcer
	H16.011	Central corneal ulcer, right eye	370.03	Central corneal ulcer
	H16.012	Central corneal ulcer, left eye	370.03	Central corneal ulcer
	H16.013	Central corneal ulcer, bilateral	370.03	Central corneal ulcer
	H16.031	Corneal ulcer with hypopyon, right eye	370.04	Hypopyon ulcer
	H16.032	Corneal ulcer with hypopyon, left eye	370.04	Hypopyon ulcer
	H16.033	Corneal ulcer with hypopyon, bilateral	370.04	Hypopyon ulcer
	H16.061	Mycotic corneal ulcer, right eye	370.05	Mycotic corneal ulcer
	H16.062	Mycotic corneal ulcer, left eye	370.05	Mycotic corneal ulcer
	H16.063	Mycotic corneal ulcer, bilateral	370.05	Mycotic corneal ulcer
	H16.071	Perforated corneal ulcer, right eye	370.06	Perforated corneal ulcer
	H16.072	Perforated corneal ulcer, left eye	370.06	Perforated corneal ulcer
	H16.073	Perforated corneal ulcer, bilateral	370.06	Perforated corneal ulcer
	H16.051	Mooren's corneal ulcer, right eye	370.07	Mooren's ulcer
	H16.052	Mooren's corneal ulcer, left eye	370.07	Mooren's ulcer
	H16.053	Mooren's corneal ulcer, bilateral	370.07	Mooren's ulcer
Iridocyclitis	H20.11	Chronic iridocyclitis, right eye	364.10	Unspecified chronic iridocyclitis
	H20.12	Chronic iridocyclitis, left eye	364.10	Unspecified chronic iridocyclitis
	H20.13	Chronic iridocyclitis, bilateral	364.10	Unspecified chronic iridocyclitis
	A18.54	Tuberculous iridocyclitis	364.11	Chronic iridocyclitis in diseases classified elsewhere
	H20.9	Unspecified iridocyclitis	364.11	Chronic iridocyclitis in diseases classified elsewhere
Iris Atrophy	H21.261	Iris atrophy (essential) (progressive), right eye	364.51	Essential or progressive iris atrophy
	H21.262	Iris atrophy (essential) (progressive), left eye	364.51	Essential or progressive iris atrophy
	H21.263	Iris atrophy (essential) (progressive), bilateral	364.51	Essential or progressive iris atrophy
Iridoschisis	H21.251	Iridoschisis, right eye	364.52	Iridoschisis
	H21.252	Iridoschisis, left eye	364.52	Iridoschisis
	H21.253	Iridoschisis, bilateral	364.52	Iridoschisis
Iris Degeneration	H21.231	Degeneration of iris (pigmentary), right eye	364.53	Pigmentary iris degeneration
	H21.232	Degeneration of iris (pigmentary), left eye	364.53	Pigmentary iris degeneration
	H21.233	Degeneration of iris (pigmentary), bilateral	364.53	Pigmentary iris degeneration
	H21.241	Degeneration of pupillary margin, right eye	364.54	Degeneration of pupillary margin
	H21.242	Degeneration of pupillary margin, left eye	364.54	Degeneration of pupillary margin
	H21.243	Degeneration of pupillary margin, bilateral	364.54	Degeneration of pupillary margin

pupillary cyst	H21.271	Miotic pupillary cyst, right eye	364.55	Miotic cysts of pupillary margin
	H21.272	Miotic pupillary cyst, left eye	364.55	Miotic cysts of pupillary margin
	H21.273	Miotic pupillary cyst, bilateral	364.55	Miotic cysts of pupillary margin
Degeneration	H21.211	Degeneration of chamber angle, right eye	364.56	Degenerative changes of chamber angle
	H21.212	Degeneration of chamber angle, left eye	364.56	Degenerative changes of chamber angle
	H21.213	Degeneration of chamber angle, bilateral	364.56	Degenerative changes of chamber angle
	H21.221	Degeneration of ciliary body, right eye	364.57	Degenerative changes of ciliary body
	H21.222	Degeneration of ciliary body, left eye	364.57	Degenerative changes of ciliary body
	H21.223	Degeneration of ciliary body, bilateral	364.57	Degenerative changes of ciliary body
	H21.29	Other iris atrophy	364.59	Other iris atrophy
Diabetic Retinopathy	E08.311	Diabetes mellitus due to underlying condition with unspecified diabetic retinopathy with macular edema	362.01	Background diabetic retinopathy
	E08.319	Diabetes mellitus due to underlying condition with unspecified diabetic retinopathy without macular edema	362.01	Background diabetic retinopathy
	E08.331	Diabetes mellitus due to underlying condition with moderate nonproliferative diabetic retinopathy with macular edema	362.01	Background diabetic retinopathy
	E08.339	Diabetes mellitus due to underlying condition with moderate nonproliferative diabetic retinopathy without macular edema	362.01	Background diabetic retinopathy
	E08.341	Diabetes mellitus due to underlying condition with severe nonproliferative diabetic retinopathy with macular edema	362.01	Background diabetic retinopathy
	E08.349	Diabetes mellitus due to underlying condition with severe nonproliferative diabetic retinopathy without macular edema	362.01	Background diabetic retinopathy
	E09.311	Drug or chemical induced diabetes mellitus with unspecified diabetic retinopathy with macular edema	362.01	Background diabetic retinopathy
	E09.319	Drug or chemical induced diabetes mellitus with unspecified diabetic retinopathy without macular edema	362.01	Background diabetic retinopathy
	E09.331	Drug or chemical induced diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema	362.01	Background diabetic retinopathy
	E09.339	Drug or chemical induced diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema	362.01	Background diabetic retinopathy
	E09.341	Drug or chemical induced diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema	362.01	Background diabetic retinopathy

	E09.349	Drug or chemical induced diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema	362.01	Background diabetic retinopathy
	E10.311	Type 1 diabetes mellitus with unspecified diabetic retinopathy with macular edema	362.01	Background diabetic retinopathy
	E10.319	Type 1 diabetes mellitus with unspecified diabetic retinopathy without macular edema	362.01	Background diabetic retinopathy
	E11.311	Type 2 diabetes mellitus with unspecified diabetic retinopathy with macular edema	362.01	Background diabetic retinopathy
	E11.319	Type 2 diabetes mellitus with unspecified diabetic retinopathy without macular edema	362.01	Background diabetic retinopathy
	E13.311	Other specified diabetes mellitus with unspecified diabetic retinopathy with macular edema	362.01	Background diabetic retinopathy
	E13.319	Other specified diabetes mellitus with unspecified diabetic retinopathy without macular edema	362.01	Background diabetic retinopathy
	E08.351	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with macular edema	362.02	Proliferative diabetic retinopathy
	E08.359	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy without macular edema	362.02	Proliferative diabetic retinopathy
	E09.351	Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy with macular edema	362.02	Proliferative diabetic retinopathy
	E09.359	Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy without macular edema	362.02	Proliferative diabetic retinopathy
	E10.351	Type 1 diabetes mellitus with proliferative diabetic retinopathy with macular edema	362.02	Proliferative diabetic retinopathy
	E10.359	Type 1 diabetes mellitus with proliferative diabetic retinopathy without macular edema	362.02	Proliferative diabetic retinopathy
	E11.351	Type 2 diabetes mellitus with proliferative diabetic retinopathy with macular edema	362.02	Proliferative diabetic retinopathy
	E11.359	Type 2 diabetes mellitus with proliferative diabetic retinopathy without macular edema	362.02	Proliferative diabetic retinopathy
	E13.351	Other specified diabetes mellitus with proliferative diabetic retinopathy with macular edema	362.02	Proliferative diabetic retinopathy
	E13.359	Other specified diabetes mellitus with proliferative diabetic retinopathy without macular edema	362.02	Proliferative diabetic retinopathy
	E11.329	Type 2 diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema	362.03	Nonproliferative diabetic retinopathy NOS
	E08.321	Diabetes mellitus due to underlying condition with mild nonproliferative diabetic retinopathy with macular edema	362.04	Mild nonproliferative diabetic retinopathy

	E08.329	Diabetes mellitus due to underlying condition with mild nonproliferative diabetic retinopathy without macular edema	362.04	Mild nonproliferative diabetic retinopathy
	E09.321	Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema	362.04	Mild nonproliferative diabetic retinopathy
	E09.329	Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema	362.04	Mild nonproliferative diabetic retinopathy
	E10.321	Type 1 diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema	362.04	Mild nonproliferative diabetic retinopathy
	E10.329	Type 1 diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema	362.04	Mild nonproliferative diabetic retinopathy
	E11.321	Type 2 diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema	362.04	Mild nonproliferative diabetic retinopathy
	E11.329	Type 2 diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema	362.04	Mild nonproliferative diabetic retinopathy
	E13.321	Other specified diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema	362.04	Mild nonproliferative diabetic retinopathy
	E13.329	Other specified diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema	362.04	Mild nonproliferative diabetic retinopathy
	E10.331	Type 1 diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema	362.05	Moderate nonproliferative diabetic retinopathy
	E10.339	Type 1 diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema	362.05	Moderate nonproliferative diabetic retinopathy
	E11.331	Type 2 diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema	362.05	Moderate nonproliferative diabetic retinopathy
	E11.339	Type 2 diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema	362.05	Moderate nonproliferative diabetic retinopathy
	E13.331	Other specified diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema	362.05	Moderate nonproliferative diabetic retinopathy
	E13.339	Other specified diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema	362.05	Moderate nonproliferative diabetic retinopathy
	E10.341	Type 1 diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema	362.06	Severe nonproliferative diabetic retinopathy
	E10.349	Type 1 diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema	362.06	Severe nonproliferative diabetic retinopathy

	E11.341	Type 2 diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema	362.06	Severe nonproliferative diabetic retinopathy
	E11.349	Type 2 diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema	362.06	Severe nonproliferative diabetic retinopathy
	E13.341	Other specified diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema	362.06	Severe nonproliferative diabetic retinopathy
	E13.349	Other specified diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema	362.06	Severe nonproliferative diabetic retinopathy
Fix pupil	H57.03	Miosis	379.42	Miosis (persistent), not due to miotics
	H57.04	Mydriasis	379.43	Mydriasis (persistent), due to mydriatics
	H57.01	Argyll Robertson pupil, atypical	379.45	Argyll Robertson pupil, atypical
	H57.051	Tonic pupil, right eye	379.46	Tonic pupillary reaction
	H57.052	Tonic pupil, left eye	379.46	Tonic pupillary reaction
	H57.053	Tonic pupil, bilateral	379.46	Tonic pupillary reaction
	H57.059	Tonic pupil, right eye	379.46	Tonic pupillary reaction
	H57.09	Other anomalies of pupillary function	379.49	Other anomaly of pupillary function
Cataracts	H26.001	Unspecified infantile and juvenile cataract, right eye	366.00	Unspecified nonsenile cataract
	H26.002	Unspecified infantile and juvenile cataract, left eye	366.00	Unspecified nonsenile cataract
	H26.003	Unspecified infantile and juvenile cataract, bilateral	366.00	Unspecified nonsenile cataract
	H26.041	Anterior subcapsular polar infantile and juvenile cataract, right eye	366.01	Anterior subcapsular polar cataract, nonsenile
	H26.043	Anterior subcapsular polar infantile and juvenile cataract, bilateral	366.01	Anterior subcapsular polar cataract, nonsenile
	H26.042	Anterior subcapsular polar infantile and juvenile cataract, left eye	366.01	Anterior subcapsular polar cataract, nonsenile
	H26.051	Posterior subcapsular polar infantile and juvenile cataract, right eye	366.02	Posterior subcapsular polar cataract, nonsenile
	H26.052	Posterior subcapsular polar infantile and juvenile cataract, left eye	366.02	Posterior subcapsular polar cataract, nonsenile
	H26.053	Posterior subcapsular polar infantile and juvenile cataract, bilateral	366.02	Posterior subcapsular polar cataract, nonsenile
	H26.011	Infantile and juvenile cortical, lamellar, or zonular cataract, right eye	366.03	Cortical, lamellar, or zonular cataract, nonsenile
	H26.012	Infantile and juvenile cortical, lamellar, or zonular cataract, left eye	366.03	Cortical, lamellar, or zonular cataract, nonsenile
	H26.013	Infantile and juvenile cortical, lamellar, or zonular cataract, bilateral	366.03	Cortical, lamellar, or zonular cataract, nonsenile
	H26.031	Infantile and juvenile nuclear cataract, right eye	366.04	Nuclear cataract, nonsenile
	H26.032	Infantile and juvenile nuclear cataract, left eye	366.04	Nuclear cataract, nonsenile
	H26.033	Infantile and juvenile nuclear cataract, bilateral	366.04	Nuclear cataract, nonsenile

	H26.061	Combined forms of infantile and juvenile cataract, right eye	366.09	Other and combined forms of nonsenile cataract
	H26.062	Combined forms of infantile and juvenile cataract, left eye	366.09	Other and combined forms of nonsenile cataract
	H26.063	Combined forms of infantile and juvenile cataract, bilateral	366.09	Other and combined forms of nonsenile cataract
	H26.09	Other infantile and juvenile cataract	366.09	Other and combined forms of nonsenile cataract
	H25.9	Unspecified age-related cataract	366.10	Unspecified senile cataract
	H25.89	Other age-related cataract	366.11	Pseudoexfoliation of lens capsule
	H25.091	Other age-related incipient cataract, right eye	366.12	Incipient cataract
	H25.092	Other age-related incipient cataract, left eye	366.12	Incipient cataract
	H25.093	Other age-related incipient cataract, bilateral	366.12	Incipient cataract
	H25.031	Anterior subcapsular polar age-related cataract, right eye	366.13	Anterior subcapsular polar senile cataract
	H25.032	Anterior subcapsular polar age-related cataract, left eye	366.13	Anterior subcapsular polar senile cataract
	H25.033	Anterior subcapsular polar age-related cataract, bilateral	366.13	Anterior subcapsular polar senile cataract
	H25.041	Posterior subcapsular polar age-related cataract, right eye	366.14	Posterior subcapsular polar senile cataract
	H25.042	Posterior subcapsular polar age-related cataract, left eye	366.14	Posterior subcapsular polar senile cataract
	H25.043	Posterior subcapsular polar age-related cataract, bilateral	366.14	Posterior subcapsular polar senile cataract
	H25.011	Cortical age-related cataract, right eye	366.15	Cortical senile cataract
	H25.012	Cortical age-related cataract, left eye	366.15	Cortical senile cataract
	H25.013	Cortical age-related cataract, bilateral	366.15	Cortical senile cataract
	H25.11	Age-related nuclear cataract, right eye	366.16	Nuclear sclerosis
	H25.12	Age-related nuclear cataract, left eye	366.16	Nuclear sclerosis
	H25.13	Age-related nuclear cataract, bilateral	366.16	Nuclear sclerosis
	H25.811	Combined forms of age-related cataract, right eye	366.17	Total or mature senile cataract
	H25.812	Combined forms of age-related cataract, left eye	366.17	Total or mature senile cataract
	H25.813	Combined forms of age-related cataract, bilateral	366.17	Total or mature senile cataract
	H25.89	Other age-related cataract	366.17	Total or mature senile cataract
	H25.21	Age-related cataract, morgagnian type, right eye	366.18	Hypermature senile cataract

	H25.22	Age-related cataract, morgagnian type, left eye	366.18	Hypermaturation senile cataract
	H25.23	Age-related cataract, morgagnian type, bilateral	366.18	Hypermaturation senile cataract
	H25.811	Combined forms of age-related cataract, right eye	366.19	Other and combined forms of senile cataract
	H25.812	Combined forms of age-related cataract, left eye	366.19	Other and combined forms of senile cataract
	H25.813	Combined forms of age-related cataract, bilateral	366.19	Other and combined forms of senile cataract
	H25.89	Other age-related cataract	366.19	Other and combined forms of senile cataract
	H26.101	Unspecified traumatic cataract, right eye	366.20	Unspecified traumatic cataract
	H26.102	Unspecified traumatic cataract, left eye	366.20	Unspecified traumatic cataract
	H26.103	Unspecified traumatic cataract, bilateral	366.20	Unspecified traumatic cataract
	H26.111	Localized traumatic opacities, right eye	366.21	Localized traumatic opacities of cataract
	H26.112	Localized traumatic opacities, left eye	366.21	Localized traumatic opacities of cataract
	H26.113	Localized traumatic opacities, bilateral	366.21	Localized traumatic opacities of cataract
	H26.131	Total traumatic cataract, right eye	366.22	Total traumatic cataract
	H26.132	Total traumatic cataract, left eye	366.22	Total traumatic cataract
	H26.133	Total traumatic cataract, bilateral	366.22	Total traumatic cataract
	H26.121	Partially resolved traumatic cataract, right eye	366.23	Partially resolved traumatic cataract
	H26.122	Partially resolved traumatic cataract, left eye	366.23	Partially resolved traumatic cataract
	H26.123	Partially resolved traumatic cataract, bilateral	366.23	Partially resolved traumatic cataract
	H26.20	Unspecified complicated cataract	366.30	Unspecified cataracta complicata
	H26.231	Glaucomatous flecks (subcapsular), right eye	366.31	Cataract secondary to glaucomatous flecks (subcapsular)
	H26.232	Glaucomatous flecks (subcapsular), left eye	366.31	Cataract secondary to glaucomatous flecks (subcapsular)
	H26.233	Glaucomatous flecks (subcapsular), bilateral	366.31	Cataract secondary to glaucomatous flecks (subcapsular)
	H26.222	Cataract secondary to ocular disorders (degenerative) (inflammatory), left eye	366.32	Cataract in inflammatory ocular disorders
	H26.221	Cataract secondary to ocular disorders (degenerative) (inflammatory), right eye	366.32	Cataract in inflammatory ocular disorders
	H26.223	Cataract secondary to ocular disorders (degenerative) (inflammatory), bilateral	366.32	Cataract in inflammatory ocular disorders
	H26.211	Cataract with neovascularization, right eye	366.33	Cataract with ocular neovascularization
	H26.212	Cataract with neovascularization, left eye	366.33	Cataract with ocular neovascularization
	H26.213	Cataract with neovascularization, bilateral	366.33	Cataract with ocular neovascularization

	H26.222	Cataract secondary to ocular disorders (degenerative) (inflammatory), left eye	366.34	Cataract in degenerative ocular disorders
	H26.221	Cataract secondary to ocular disorders (degenerative) (inflammatory), right eye	366.34	Cataract in degenerative ocular disorders
	H26.223	Cataract secondary to ocular disorders (degenerative) (inflammatory), bilateral	366.34	Cataract in degenerative ocular disorders
	E08.36	Diabetes mellitus due to underlying condition with diabetic cataract	366.41	Diabetic cataract
	E09.36	Drug or chemical induced diabetes mellitus with diabetic cataract	366.41	Diabetic cataract
	E10.36	Type 1 diabetes mellitus with diabetic cataract	366.41	Diabetic cataract
	E11.36	Type 2 diabetes mellitus with diabetic cataract	366.41	Diabetic cataract
	E13.36	Other specified diabetes mellitus with diabetic cataract	366.41	Diabetic cataract
	H28	Cataract in diseases classified elsewhere	366.42	Tetanic cataract
	G71.19	Other specified myotonic disorders	366.43	Myotonic cataract
	H28	Cataract in diseases classified elsewhere	366.43	Myotonic cataract
	H28	Cataract in diseases classified elsewhere	366.44	Cataract associated with other syndromes
	H26.31	Drug-induced cataract, right eye	366.45	Toxic cataract
	H26.32	Drug-induced cataract, left eye	366.45	Toxic cataract
	H26.33	Drug-induced cataract, bilateral	366.45	Toxic cataract
	H26.8	Other specified cataract	366.46	Cataract associated with radiation and other physical influences
	H26.411	Soemmering's ring, right eye	366.51	Soemmering's ring
	H26.412	Soemmering's ring, left eye	366.51	Soemmering's ring
	H26.413	Soemmering's ring, bilateral	366.51	Soemmering's ring
	H26.491	Other secondary cataract, right eye	366.52	Other after-cataract, not obscuring vision
	H26.492	Other secondary cataract, left eye	366.52	Other after-cataract, not obscuring vision
	H26.493	Other secondary cataract, bilateral	366.52	Other after-cataract, not obscuring vision
	H26.491	Other secondary cataract, right eye	366.53	After-cataract, obscuring vision
	H26.492	Other secondary cataract, left eye	366.53	After-cataract, obscuring vision
	H26.493	Other secondary cataract, bilateral	366.53	After-cataract, obscuring vision
	H26.8	Other specified cataract	366.8	Other cataract
macular degeneration	H35.30	Unspecified macular degeneration	362.50	Macular degeneration (senile) of retina, unspecified
	H35.30	Unspecified macular degeneration	362.51	Nonexudative senile macular degeneration
	H35.31	Nonexudative age-related macular degeneration	362.51	Nonexudative senile macular degeneration of retina
	H35.30	Unspecified macular degeneration	362.52	Exudative senile macular degeneration
	H35.32	Exudative age-related macular degeneration	362.52	Exudative senile
	H35.351	Cystoid macular degeneration, right eye	362.53	Cystoid macular degeneration of retina

	H35.352	Cystoid macular degeneration, left eye	362.53	Cystoid macular degeneration of retina
	H35.353	Cystoid macular degeneration, bilateral	362.53	Cystoid macular degeneration of retina
	H35.341	Macular cyst, hole, or pseudohole, right eye	362.54	Macular cyst, hole, or pseudohole of retina
	H35.342	Macular cyst, hole, or pseudohole, left eye	362.54	Macular cyst, hole, or pseudohole of retina
	H35.343	Macular cyst, hole, or pseudohole, bilateral	362.54	Macular cyst, hole, or pseudohole of retina
	H35.381	Toxic maculopathy, right eye	362.55	Toxic maculopathy of retina
	H35.382	Toxic maculopathy, left eye	362.55	Toxic maculopathy of retina
	H35.383	Toxic maculopathy, bilateral	362.55	Toxic maculopathy of retina
	H35.371	Puckering of macula, right eye	362.56	Macular puckering of retina
	H35.372	Puckering of macula, left eye	362.56	Macular puckering of retina
	H35.373	Puckering of macula, bilateral	362.56	Macular puckering of retina
	H35.361	Drusen (degenerative) of macula, right eye	362.57	Drusen (degenerative) of retina
	H35.362	Drusen (degenerative) of macula, left eye	362.57	Drusen (degenerative) of retina
	H35.363	Drusen (degenerative) of macula, bilateral	362.57	Drusen (degenerative) of retina
	H35.40	Unspecified peripheral retinal degeneration	362.60	Unspecified peripheral retinal degeneration
	H35.431	Paving stone degeneration of retina, right eye	362.61	Paving stone degeneration of peripheral retina
	H35.432	Paving stone degeneration of retina, left eye	362.61	Paving stone degeneration of peripheral retina
	H35.433	Paving stone degeneration of retina, bilateral	362.61	Paving stone degeneration of peripheral retina
	H35.421	Microcystoid degeneration of retina, right eye	362.62	Microcystoid degeneration of peripheral retina
	H35.422	Microcystoid degeneration of retina, left eye	362.62	Microcystoid degeneration of peripheral retina
	H35.423	Microcystoid degeneration of retina, bilateral	362.62	Microcystoid degeneration of peripheral retina
	H35.411	Lattice degeneration of retina, right eye	362.63	Lattice degeneration of peripheral retina
	H35.412	Lattice degeneration of retina, left eye	362.63	Lattice degeneration of peripheral retina
	H35.413	Lattice degeneration of retina, bilateral	362.63	Lattice degeneration of peripheral retina
	H35.441	Age-related reticular degeneration of retina, right eye	362.64	Senile reticular degeneration of peripheral retina
	H35.442	Age-related reticular degeneration of retina, left eye	362.64	Senile reticular degeneration of peripheral retina
	H35.443	Age-related reticular degeneration of retina, bilateral	362.64	Senile reticular degeneration of peripheral retina
	H35.451	Secondary pigmentary degeneration, right eye	362.65	Secondary pigmentary degeneration of peripheral retina
	H35.452	Secondary pigmentary degeneration, left eye	362.65	Secondary pigmentary degeneration of peripheral retina
	H35.453	Secondary pigmentary degeneration, bilateral	362.65	Secondary pigmentary degeneration of peripheral retina
	H35.461	Secondary vitreoretinal degeneration, right eye	362.66	Secondary vitreoretinal degenerations peripheral retina
	H35.462	Secondary vitreoretinal degeneration, left eye	362.66	Secondary vitreoretinal degenerations peripheral retina
	H35.463	Secondary vitreoretinal degeneration, bilateral	362.66	Secondary vitreoretinal degenerations peripheral retina

Migraine Disorder	G43.109	Migraine with aura, not intractable, without status migrainosus	346.00	Migraine with aura, without mention of intractable migraine without mention of status migrainosus
	G43.119	Migraine with aura, intractable, without status migrainosus	346.01	Migraine with aura, with intractable migraine, so stated, without mention of status migrainosus
	G43.101	Migraine with aura, not intractable, with status migrainosus	346.02	Migraine with aura, without mention of intractable migraine with status migrainosus
	G43.111	Migraine with aura, intractable, with status migrainosus	346.03	Migraine with aura, with intractable migraine, so stated, with status migrainosus
	G43.009	Migraine without aura, not intractable, without status migrainosus	346.10	Migraine without aura, without mention of intractable migraine without mention of status migrainosus
	G43.019	Migraine without aura, intractable, without status migrainosus	346.11	Migraine without aura, with intractable migraine, so stated, without mention of status migrainosus
	G43.001	Migraine without aura, not intractable, with status migrainosus	346.12	Migraine without aura, without mention of intractable migraine with status migrainosus
	G43.011	Migraine without aura, intractable, with status migrainosus	346.13	Migraine without aura, with intractable migraine, so stated, with status migrainosus
	G43.809	Other migraine, not intractable, without status migrainosus	346.20	Variants of migraine, not elsewhere classified, without mention of intractable migraine without mention of status migrainosus
	G43.B0	Ophthalmoplegic migraine, not intractable	346.20	Variants of migraine, not elsewhere classified, without mention of intractable migraine without mention of status migrainosus
	G43.C0	Periodic headache syndromes in child or adult, not intractable	346.20	Variants of migraine, not elsewhere classified, without mention of intractable migraine without mention of status migrainosus
	G43.B1	Ophthalmoplegic migraine, intractable	346.21	Variants of migraine, not elsewhere classified, with intractable migraine, so stated, without mention of status migrainosus
	G43.C1	Periodic headache syndromes in child or adult, intractable	346.21	Variants of migraine, not elsewhere classified, with intractable migraine, so stated, without mention of status migrainosus
	G43.819	Other migraine, intractable, without status migrainosus	346.21	Variants of migraine, not elsewhere classified, with intractable migraine, so stated, without mention of status migrainosus
	G43.801	Other migraine, not intractable, with status migrainosus	346.22	Variants of migraine, not elsewhere classified, without mention of intractable migraine with status migrainosus
	G43.811	Other migraine, intractable, with status migrainosus	346.23	Variants of migraine, not elsewhere classified, with intractable migraine, so stated, with status migrainosus

	G43.409	Hemiplegic migraine, not intractable, without status migrainosus	346.30	Hemiplegic migraine, without mention of intractable migraine without mention of status migrainosus
	G43.419	Hemiplegic migraine, intractable, without status migrainosus	346.31	Hemiplegic migraine, with intractable migraine, so stated, without mention of status migrainosus
	G43.401	Hemiplegic migraine, not intractable, with status migrainosus	346.32	Hemiplegic migraine, without mention of intractable migraine with status migrainosus
	G43.411	Hemiplegic migraine, intractable, with status migrainosus	346.33	Hemiplegic migraine, with intractable migraine, so stated, with status migrainosus
	G43.829	Menstrual migraine, not intractable, without status migrainosus	346.40	Menstrual migraine, without mention of intractable migraine without mention of status migrainosus
	G43.839	Menstrual migraine, intractable, without status migrainosus	346.41	Menstrual migraine, with intractable migraine, so stated, without mention of status migrainosus
	G43.821	Menstrual migraine, not intractable, with status migrainosus	346.42	Menstrual migraine, without mention of intractable migraine with status migrainosus
	G43.831	Menstrual migraine, intractable, with status migrainosus	346.43	Menstrual migraine, with intractable migraine, so stated, with status migrainosus
	G43.509	Persistent migraine aura without cerebral infarction, not intractable, without status migrainosus	346.50	Persistent migraine aura without cerebral infarction, without mention of intractable migraine without mention of status migrainosus
	G43.519	Persistent migraine aura without cerebral infarction, intractable, without status migrainosus	346.51	Persistent migraine aura without cerebral infarction, with intractable migraine, so stated, without mention of status migrainosus
	G43.501	Persistent migraine aura without cerebral infarction, not intractable, with status migrainosus	346.52	Persistent migraine aura without cerebral infarction, without mention of intractable migraine with status migrainosus
	G43.511	Persistent migraine aura without cerebral infarction, intractable, with status migrainosus	346.53	Persistent migraine aura without cerebral infarction, with intractable migraine, so stated, with status migrainosus
	G43.609	Persistent migraine aura with cerebral infarction, not intractable, without status migrainosus	346.60	Persistent migraine aura with cerebral infarction, without mention of intractable migraine without mention of status migrainosus
	G43.619	Persistent migraine aura with cerebral infarction, intractable, without status migrainosus	346.61	Persistent migraine aura with cerebral infarction, with intractable migraine, so stated, without mention of status migrainosus
	G43.601	Persistent migraine aura with cerebral infarction, not intractable, with status migrainosus	346.62	Persistent migraine aura with cerebral infarction, without mention of intractable migraine with status migrainosus
	G43.611	Persistent migraine aura with cerebral infarction, intractable, with status migrainosus	346.63	Persistent migraine aura with cerebral infarction, with intractable migraine, so stated, with status migrainosus
	G43.709	Chronic migraine without aura, not intractable, without status migrainosus	346.70	Chronic migraine without aura, without mention of intractable migraine without mention of status migrainosus

	G43.719	Chronic migraine without aura, intractable, without status migrainosus	346.71	Chronic migraine without aura, with intractable migraine, so stated, without mention of status migrainosus
	G43.701	Chronic migraine without aura, not intractable, with status migrainosus	346.72	Chronic migraine without aura, without mention of intractable migraine with status migrainosus
	G43.711	Chronic migraine without aura, intractable, with status migrainosus	346.73	Chronic migraine without aura, with intractable migraine, so stated, with status migrainosus
	G43.809	Other migraine, not intractable, without status migrainosus	346.80	Other forms of migraine, without mention of intractable migraine without mention of status migrainosus
	G43.819	Other migraine, intractable, without status migrainosus	346.81	Other forms of migraine, with intractable migraine, so stated, without mention of status migrainosus
	G43.801	Other migraine, not intractable, with status migrainosus	346.82	Other forms of migraine, without mention of intractable migraine with status migrainosus
	G43.811	Other migraine, intractable, with status migrainosus	346.83	Other forms of migraine, with intractable migraine, so stated, with status migrainosus
Albinism	E70.310	X-linked ocular albinism	270.2	Other disturbances of aromatic amino-acid metabolism
	E70.311	Autosomal recessive ocular albinism	270.2	Other disturbances of aromatic amino-acid metabolism
	E70.318	Other ocular albinism	270.2	Other disturbances of aromatic amino-acid metabolism
	E70.319	Ocular albinism, unspecified	270.2	Other disturbances of aromatic amino-acid metabolism
	E70.320	Tyrosinase negative oculocutaneous albinism	270.2	Other disturbances of aromatic amino-acid metabolism
	E70.321	Tyrosinase positive oculocutaneous albinism	270.2	Other disturbances of aromatic amino-acid metabolism
	E70.328	Other oculocutaneous albinism	270.2	Other disturbances of aromatic amino-acid metabolism
	E70.329	Oculocutaneous albinism, unspecified	270.2	Other disturbances of aromatic amino-acid metabolism
Optic atrophy	H47.20	Unspecified optic atrophy	377.10	Unspecified optic atrophy
	H47.211	Primary optic atrophy, right eye	377.11	Primary optic atrophy
	H47.212	Primary optic atrophy, left eye	377.11	Primary optic atrophy
	H47.213	Primary optic atrophy, bilateral	377.11	Primary optic atrophy
	H47.291	Other optic atrophy, right eye	377.12	Postinflammatory optic atrophy
	H47.292	Other optic atrophy, left eye	377.12	Postinflammatory optic atrophy
	H47.293	Other optic atrophy, bilateral	377.12	Postinflammatory optic atrophy
	H47.291	Other optic atrophy, right eye	377.13	Optic atrophy associated with retinal dystrophies
	H47.292	Other optic atrophy, left eye	377.13	Optic atrophy associated with retinal dystrophies
	H47.293	Other optic atrophy, bilateral	377.13	Optic atrophy associated with retinal dystrophies
	H47.231	Glaucomatous optic atrophy, right eye	377.14	Glaucomatous atrophy (cupping) of optic disc
	H47.232	Glaucomatous optic atrophy, left eye	377.14	Glaucomatous atrophy (cupping) of optic disc
	H47.233	Glaucomatous optic atrophy, bilateral	377.14	Glaucomatous atrophy (cupping) of optic disc
	H47.291	Other optic atrophy, right eye	377.15	Partial optic atrophy
	H47.292	Other optic atrophy, left eye	377.15	Partial optic atrophy

	H47.293	Other optic atrophy, bilateral	377.15	Partial optic atrophy
	H47.22	Hereditary optic atrophy	377.16	Hereditary optic atrophy
	H47.321	Drusen of optic disc, right eye	377.21	Drusen of optic disc
	H47.322	Drusen of optic disc, left eye	377.21	Drusen of optic disc
	H47.323	Drusen of optic disc, bilateral	377.21	Drusen of optic disc
	H47.391	Other disorders of optic disc, right eye	377.22	Crater-like holes of optic disc
	H47.392	Other disorders of optic disc, left eye	377.22	Crater-like holes of optic disc
	H47.393	Other disorders of optic disc, bilateral	377.22	Crater-like holes of optic disc
	H47.311	Coloboma of optic disc, right eye	377.23	Coloboma of optic disc
	H47.312	Coloboma of optic disc, left eye	377.23	Coloboma of optic disc
	H47.313	Coloboma of optic disc, bilateral	377.23	Coloboma of optic disc
	H47.331	Pseudopapilledema of optic disc, right eye	377.24	Pseudopapilledema
	H47.332	Pseudopapilledema of optic disc, left eye	377.24	Pseudopapilledema
	H47.333	Pseudopapilledema of optic disc, bilateral	377.24	Pseudopapilledema
	H46.9	Unspecified optic neuritis	377.30	Unspecified optic neuritis
	H46.01	Optic papillitis, right eye	377.31	Optic papillitis
Optic neuritis	H46.11	Retrobulbar neuritis, right eye	377.32	Retrobulbar neuritis (acute)
	H46.12	Retrobulbar neuritis, left eye	377.32	Retrobulbar neuritis (acute)
	H46.13	Retrobulbar neuritis, bilateral	377.32	Retrobulbar neuritis (acute)
	H46.2	Nutritional optic neuropathy	377.33	Nutritional optic neuropathy
	H46.3	Toxic optic neuropathy	377.34	Toxic optic neuropathy
	H46.8	Other optic neuritis	377.39	Other optic neuritis
	H47.011	Ischemic optic neuropathy, right eye	377.41	Ischemic optic neuropathy
	H47.012	Ischemic optic neuropathy, left eye	377.41	Ischemic optic neuropathy
	H47.013	Ischemic optic neuropathy, bilateral	377.41	Ischemic optic neuropathy
	H47.021	Hemorrhage in optic nerve sheath, right eye	377.42	Hemorrhage in optic nerve sheaths
	H47.022	Hemorrhage in optic nerve sheath, left eye	377.42	Hemorrhage in optic nerve sheaths
	H47.023	Hemorrhage in optic nerve sheath, bilateral	377.42	Hemorrhage in optic nerve sheaths
	H47.031	Optic nerve hypoplasia, right eye	377.43	Optic nerve hypoplasia
	H47.032	Optic nerve hypoplasia, left eye	377.43	Optic nerve hypoplasia
	H47.033	Optic nerve hypoplasia, bilateral	377.43	Optic nerve hypoplasia
Disorder optic nerve	H47.091	Other disorders of optic nerve, not elsewhere classified, right eye	377.49	Other disorder of optic nerve

	H47.092	Other disorders of optic nerve, not elsewhere classified, left eye	377.49	Other disorder of optic nerve
	H47.093	Other disorders of optic nerve, not elsewhere classified, bilateral	377.49	Other disorder of optic nerve
	H47.49	Disorders of optic chiasm in (due to) other disorders	377.51	Disorders of optic chiasm associated with pituitary neoplasms and disorders
	H47.42	Disorders of optic chiasm in (due to) neoplasm	377.52	Disorders of optic chiasm associated with other neoplasms
	H47.43	Disorders of optic chiasm in (due to) vascular disorders	377.53	Disorders of optic chiasm associated with vascular disorders
	H47.41	Disorders of optic chiasm in (due to) inflammatory disorders	377.54	Disorders of optic chiasm associated with inflammatory disorders
	H47.521	Disorders of visual pathways in (due to) neoplasm, right side	377.61	Disorders of other visual pathways associated with neoplasms
	H47.522	Disorders of visual pathways in (due to) neoplasm, left side	377.61	Disorders of other visual pathways associated with neoplasms
	H47.531	Disorders of visual pathways in (due to) vascular disorders, right side	377.62	Disorders of other visual pathways associated with vascular disorders
	H47.532	Disorders of visual pathways in (due to) vascular disorders, left side	377.62	Disorders of other visual pathways associated with vascular disorders
	H47.511	Disorders of visual pathways in (due to) inflammatory disorders, right side	377.63	Disorders of other visual pathways associated with inflammatory disorders
	H47.512	Disorders of visual pathways in (due to) inflammatory disorders, left side	377.63	Disorders of other visual pathways associated with inflammatory disorders
	H47.519	Disorders of visual pathways in (due to) inflammatory disorders, unspecified side	377.63	Disorders of other visual pathways associated with inflammatory disorders
Photo induced epilipsy	G40.401	Other generalized epilepsy and epileptic syndromes, not intractable, with status epilepticus	345.00	Generalized nonconvulsive epilepsy without mention of intractable epilepsy
	G40.409	Other generalized epilepsy and epileptic syndromes, not intractable, without status epilepticus	345.00	Generalized nonconvulsive epilepsy without mention of intractable epilepsy
	G40.A01	Absence epileptic syndrome, not intractable, with status epilepticus	345.00	Generalized nonconvulsive epilepsy without mention of intractable epilepsy
	G40.A09	Absence epileptic syndrome, not intractable, without status epilepticus	345.00	Generalized nonconvulsive epilepsy without mention of intractable epilepsy
	G40.411	Other generalized epilepsy and epileptic syndromes, intractable, with status epilepticus	345.01	Generalized nonconvulsive epilepsy with intractable epilepsy
	G40.419	Other generalized epilepsy and epileptic syndromes, intractable, without status epilepticus	345.01	Generalized nonconvulsive epilepsy with intractable epilepsy

	G40.A11	Absence epileptic syndrome, intractable, with status epilepticus	345.01	Generalized nonconvulsive epilepsy with intractable epilepsy
	G40.A19	Absence epileptic syndrome, intractable, without status epilepticus	345.01	Generalized nonconvulsive epilepsy with intractable epilepsy
	G40.309	Generalized idiopathic epilepsy and epileptic syndromes, not intractable, without status epilepticus	345.10	Generalized convulsive epilepsy without mention of intractable epilepsy
	G40.401	Other generalized epilepsy and epileptic syndromes, not intractable, with status epilepticus	345.10	Generalized convulsive epilepsy without mention of intractable epilepsy
	G40.409	Other generalized epilepsy and epileptic syndromes, not intractable, without status epilepticus	345.10	Generalized convulsive epilepsy without mention of intractable epilepsy
	G40.311	Generalized idiopathic epilepsy and epileptic syndromes, intractable, with status epilepticus	345.11	Generalized convulsive epilepsy with intractable epilepsy
	G40.319	Generalized idiopathic epilepsy and epileptic syndromes, intractable, without status epilepticus	345.11	Generalized convulsive epilepsy with intractable epilepsy
	G40.411	Other generalized epilepsy and epileptic syndromes, intractable, with status epilepticus	345.11	Generalized convulsive epilepsy with intractable epilepsy
	G40.419	Other generalized epilepsy and epileptic syndromes, intractable, without status epilepticus	345.11	Generalized convulsive epilepsy with intractable epilepsy
	G40.A01	Absence epileptic syndrome, not intractable, with status epilepticus	345.2	Epileptic petit mal status
	G40.A09	Absence epileptic syndrome, not intractable, without status epilepticus	345.2	Epileptic petit mal status
	G40.A11	Absence epileptic syndrome, intractable, with status epilepticus	345.2	Epileptic petit mal status
	G40.A19	Absence epileptic syndrome, intractable, without status epilepticus	345.2	Epileptic petit mal status
	G40.301	Generalized idiopathic epilepsy and epileptic syndromes, not intractable, with status epilepticus	345.3	Epileptic grand mal status
	G40.311	Generalized idiopathic epilepsy and epileptic syndromes, intractable, with status epilepticus	345.3	Epileptic grand mal status
	G40.319	Generalized idiopathic epilepsy and epileptic syndromes, intractable, without status epilepticus	345.3	Epileptic grand mal status
	G40.201	Localization-related (focal) (partial) symptomatic epilepsy and epileptic syndromes with complex partial seizures, not intractable, with status epilepticus	345.40	Localization-related (focal) (partial) epilepsy and epileptic syndromes with complex partial seizures, without mention of intractable epilepsy
	G40.209	Localization-related (focal) (partial) symptomatic epilepsy and epileptic syndromes with complex partial seizures, not intractable, without status epilepticus	345.40	Localization-related (focal) (partial) epilepsy and epileptic syndromes with complex partial seizures, without mention of intractable epilepsy
	G40.211	Localization-related (focal) (partial) symptomatic epilepsy and epileptic syndromes with complex partial seizures, intractable, with status epilepticus	345.41	Localization-related (focal) (partial) epilepsy and epileptic syndromes with complex partial seizures, with intractable epilepsy

	G40.219	Localization-related (focal) (partial) symptomatic epilepsy and epileptic syndromes with complex partial seizures, intractable, without status epilepticus	345.41	Localization-related (focal) (partial) epilepsy and epileptic syndromes with complex partial seizures, with intractable epilepsy
	G40.001	Localization-related (focal) (partial) idiopathic epilepsy and epileptic syndromes with seizures of localized onset, not intractable, with status epilepticus	345.50	Localization-related (focal) (partial) epilepsy and epileptic syndromes with simple partial seizures, without mention of intractable epilepsy
	G40.009	Localization-related (focal) (partial) idiopathic epilepsy and epileptic syndromes with seizures of localized onset, not intractable, without status epilepticus	345.50	Localization-related (focal) (partial) epilepsy and epileptic syndromes with simple partial seizures, without mention of intractable epilepsy
	G40.109	Localization-related (focal) (partial) symptomatic epilepsy and epileptic syndromes with simple partial seizures, not intractable, without status epilepticus	345.50	Localization-related (focal) (partial) epilepsy and epileptic syndromes with simple partial seizures, without mention of intractable epilepsy
	G40.101	Localization-related (focal) (partial) symptomatic epilepsy and epileptic syndromes with simple partial seizures, not intractable, with status epilepticus	345.50	Localization-related (focal) (partial) epilepsy and epileptic syndromes with simple partial seizures, without mention of intractable epilepsy
	G40.011	Localization-related (focal) (partial) idiopathic epilepsy and epileptic syndromes with seizures of localized onset, intractable, with status epilepticus	345.51	Localization-related (focal) (partial) epilepsy and epileptic syndromes with simple partial seizures, with intractable epilepsy
	G40.019	Localization-related (focal) (partial) idiopathic epilepsy and epileptic syndromes with seizures of localized onset, intractable, without status epilepticus	345.51	Localization-related (focal) (partial) epilepsy and epileptic syndromes with simple partial seizures, with intractable epilepsy
	G40.111	Localization-related (focal) (partial) symptomatic epilepsy and epileptic syndromes with simple partial seizures, intractable, with status epilepticus	345.51	Localization-related (focal) (partial) epilepsy and epileptic syndromes with simple partial seizures, with intractable epilepsy
	G40.119	Localization-related (focal) (partial) symptomatic epilepsy and epileptic syndromes with simple partial seizures, intractable, without status epilepticus	345.51	Localization-related (focal) (partial) epilepsy and epileptic syndromes with simple partial seizures, with intractable epilepsy
	G40.821	Epileptic spasms, not intractable, with status epilepticus	345.60	Infantile spasms without mention of intractable epilepsy
	G40.822	Epileptic spasms, not intractable, without status epilepticus	345.60	Infantile spasms without mention of intractable epilepsy
	G40.823	Epileptic spasms, intractable, with status epilepticus	345.61	Infantile spasms with intractable epilepsy
	G40.824	Epileptic spasms, intractable, without status epilepticus	345.61	Infantile spasms with intractable epilepsy
	G40.109	Localization-related (focal) (partial) symptomatic epilepsy and epileptic syndromes with simple partial seizures, not intractable, without status epilepticus	345.70	Epilepsia partialis continua without mention of intractable epilepsy
	G40.101	Localization-related (focal) (partial) symptomatic epilepsy and epileptic syndromes with simple partial seizures, not intractable, with status epilepticus	345.70	Epilepsia partialis continua without mention of intractable epilepsy
	G40.509	Epileptic seizures related to external causes, not intractable, without status epilepticus	345.70	Epilepsia partialis continua without mention of intractable epilepsy

	G40.111	Localization-related (focal) (partial) symptomatic epilepsy and epileptic syndromes with simple partial seizures, intractable, with status epilepticus	345.71	Epilepsia partialis continua with intractable epilepsy
	G40.119	Localization-related (focal) (partial) symptomatic epilepsy and epileptic syndromes with simple partial seizures, intractable, without status epilepticus	345.71	Epilepsia partialis continua with intractable epilepsy
	G40.101	Localization-related (focal) (partial) symptomatic epilepsy and epileptic syndromes with simple partial seizures, not intractable, with status epilepticus	345.80	Other forms of epilepsy and recurrent seizures, without mention of intractable epilepsy
	G40.109	Localization-related (focal) (partial) symptomatic epilepsy and epileptic syndromes with simple partial seizures, not intractable, without status epilepticus	345.80	Other forms of epilepsy and recurrent seizures, without mention of intractable epilepsy
	G40.509	Epileptic seizures related to external causes, not intractable, without status epilepticus	345.80	Other forms of epilepsy and recurrent seizures, without mention of intractable epilepsy
	G40.501	Epileptic seizures related to external causes, not intractable, with status epilepticus	345.80	Other forms of epilepsy and recurrent seizures, without mention of intractable epilepsy
	G40.801	Other epilepsy, not intractable, with status epilepticus	345.80	Other forms of epilepsy and recurrent seizures, without mention of intractable epilepsy
	G40.802	Other epilepsy, not intractable, without status epilepticus	345.80	Other forms of epilepsy and recurrent seizures, without mention of intractable epilepsy
	G40.812	Lennox-Gastaut syndrome, not intractable, without status epilepticus	345.80	Other forms of epilepsy and recurrent seizures, without mention of intractable epilepsy
	G40.B01	Juvenile myoclonic epilepsy, not intractable, with status epilepticus	345.80	Other forms of epilepsy and recurrent seizures, without mention of intractable epilepsy
	G40.B09	Juvenile myoclonic epilepsy, not intractable, without status epilepticus	345.80	Other forms of epilepsy and recurrent seizures, without mention of intractable epilepsy
	G40.111	Localization-related (focal) (partial) symptomatic epilepsy and epileptic syndromes with simple partial seizures, intractable, with status epilepticus	345.81	Other forms of epilepsy and recurrent seizures, with intractable epilepsy
	G40.119	Localization-related (focal) (partial) symptomatic epilepsy and epileptic syndromes with simple partial seizures, intractable, without status epilepticus	345.81	Other forms of epilepsy and recurrent seizures, with intractable epilepsy
	G40.803	Other epilepsy, intractable, with status epilepticus	345.81	Other forms of epilepsy and recurrent seizures, with intractable epilepsy
	G40.804	Other epilepsy, intractable, without status epilepticus	345.81	Other forms of epilepsy and recurrent seizures, with intractable epilepsy
	G40.811	Lennox-Gastaut syndrome, not intractable, with status epilepticus	345.81	Other forms of epilepsy and recurrent seizures, with intractable epilepsy
	G40.813	Lennox-Gastaut syndrome, intractable, with status epilepticus	345.81	Other forms of epilepsy and recurrent seizures, with intractable epilepsy

	G40.814	Lennox-Gastaut syndrome, intractable, without status epilepticus	345.81	Other forms of epilepsy and recurrent seizures, with intractable epilepsy
	G40.B11	Juvenile myoclonic epilepsy, intractable, with status epilepticus	345.81	Other forms of epilepsy and recurrent seizures, with intractable epilepsy
	G40.B19	Juvenile myoclonic epilepsy, intractable, without status epilepticus	345.81	Other forms of epilepsy and recurrent seizures, with intractable epilepsy
	G40.901	Epilepsy, unspecified, not intractable, with status epilepticus	345.90	Unspecified epilepsy without mention of intractable epilepsy
	G40.909	Epilepsy, unspecified, not intractable, without status epilepticus	345.90	Unspecified epilepsy without mention of intractable epilepsy
	G40.911	Epilepsy, unspecified, intractable, with status epilepticus	345.91	Unspecified epilepsy with intractable epilepsy
	G40.919	Epilepsy, unspecified, intractable, without status epilepticus	345.91	Unspecified epilepsy with intractable epilepsy
Retinitis pigmentosa	H35.52	Pigmentary retinal dystrophy	362.74	Pigmentary retinal dystrophy
Contact lense				
	H52.01	Hypermetropia, right eye	367.0	Hypermetropia
	H52.02	Hypermetropia, left eye	367.0	Hypermetropia
	H52.03	Hypermetropia, bilateral	367.0	Hypermetropia
	H52.11	Myopia, right eye	367.1	Myopia
	H52.12	Myopia, left eye	367.1	Myopia
	H52.13	Myopia, bilateral	367.1	Myopia
Soft Toric contact lense				
	H52.201	Unspecified astigmatism, right eye	367.20	Astigmatism, unspecified
	H52.202	Unspecified astigmatism, left eye	367.20	Astigmatism, unspecified
	H52.203	Unspecified astigmatism, bilateral	367.20	Astigmatism, unspecified
	H52.209	Unspecified astigmatism, unspecified eye	367.20	Astigmatism, unspecified
	H52.221	Regular astigmatism, right eye	367.21	Regular astigmatism
	H52.222	Regular astigmatism, left eye	367.21	Regular astigmatism
	H52.223	Regular astigmatism, bilateral	367.21	Regular astigmatism
	H52.229	Regular astigmatism, unspecified eye	367.21	Regular astigmatism
	H52.211	Irregular astigmatism, right eye	367.22	Irregular astigmatism
	H52.212	Irregular astigmatism, left eye	367.22	Irregular astigmatism
	H52.213	Irregular astigmatism, bilateral	367.22	Irregular astigmatism
Plus or minus 6.0 diopters	ETR			
	H52.31	Anisometropia	367.31	Anisometropia
	H27.01	Aphakia, right eye	379.31	Aphakia
	H27.02	Aphakia, left eye	379.31	Aphakia
	H27.03	Aphakia, bilateral	379.31	Aphakia
	Q12.3	Congenital aphakia	743.35	Congenital aphakia

	H18.601	Keratoconus, unspecified, right eye	371.60	Unspecified keratoconus
	H18.602	Keratoconus, unspecified, left eye	371.60	Unspecified keratoconus
	H18.603	Keratoconus, unspecified, bilateral	371.60	Unspecified keratoconus
	H18.611	Keratoconus, stable, right eye	371.61	Keratoconus, stable condition
	H18.612	Keratoconus, stable, left eye	371.61	Keratoconus, stable condition
	H18.613	Keratoconus, stable, bilateral	371.61	Keratoconus, stable condition
	H18.621	Keratoconus, unstable, right eye	371.62	Keratoconus, acute hydrops
	H18.622	Keratoconus, unstable, left eye	371.62	Keratoconus, acute hydrops
	H18.623	Keratoconus, unstable, bilateral eye	371.62	Keratoconus, acute hydrops
	Q13.4	Other congenital corneal malformations	743.41	Congenital anomaly of corneal size and shape
	H18.11	Bullous keratopathy, right eye	371.23	Bullous keratopathy
	H18.12	Bullous keratopathy, left eye	371.23	Bullous keratopathy
	H18.13	Bullous keratopathy, bilateral eye	371.23	Bullous keratopathy
Exception to plus/minus criteria				
	H52.31	Anisometropia	367.31	Anisometropia
	H27.01	Aphakia, right eye	379.31	Aphakia
	H27.02	Aphakia, left eye	379.31	Aphakia
	H27.03	Aphakia, bilateral	379.31	Aphakia
	Q13.4	Other congenital corneal malformations	743.41	Congenital anomaly of corneal size and shape
	Q12.3	Congenital aphakia	743.35	Congenital aphakia
	H18.11	Bullous keratopathy, right eye	371.23	Bullous keratopathy
	H18.12	Bullous keratopathy, left eye	371.23	Bullous keratopathy
	H18.13	Bullous keratopathy, bilateral eye	371.23	Bullous keratopathy
	H18.601	Keratoconus, unspecified, right eye	371.60	Unspecified keratoconus
	H18.602	Keratoconus, unspecified, left eye	371.60	Unspecified keratoconus
	H18.603	Keratoconus, unspecified, bilateral	371.60	Unspecified keratoconus
	H18.611	Keratoconus, stable, right eye	371.61	Keratoconus, stable condition
	H18.612	Keratoconus, stable, left eye	371.61	Keratoconus, stable condition
	H18.613	Keratoconus, stable, bilateral	371.61	Keratoconus, stable condition
	H18.621	Keratoconus, unstable, right eye	371.62	Keratoconus, acute hydrops
	H18.622	Keratoconus, unstable, left eye	371.62	Keratoconus, acute hydrops
	H18.623	Keratoconus, unstable, bilateral eye	371.62	Keratoconus, acute hydrops