

Medical Policy



Title: Fundus Photography

Professional

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 Revision Date(s): August 1, 2005;
 August 30, 2006; March 14, 2011;
 July 25, 2012; March 13, 2013;
 December 11, 2013; April 14, 2015;
 October 1, 2015; April 13, 2016;
 October 1, 2016; April 28, 2017;
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 August 15, 2019; October 1, 2020; October
 19, 2021
 Current Effective Date: August 15, 2019

Institutional

Original Effective Date: February 1, 2005
 Revision Date(s): August 1, 2005;
 August 30, 2006; March 14, 2011
 July 25, 2012; March 13, 2013;
 December 11, 2013; April 14, 2015;
 October 1, 2015; April 13, 2016;
 October 1, 2016; April 28, 2017;
 October 1, 2017; November 7, 2018;
 August 15, 2019; October 1, 2020;
 October 19, 2021
 Current Effective Date: August 15, 2019

State and Federal mandates and health plan member contract language, including specific provisions/exclusions, take precedence over Medical Policy and must be considered first in determining eligibility for coverage. To verify a member's benefits, contact [Blue Cross and Blue Shield of Kansas Customer Service](#).

The BCBSKS Medical Policies contained herein are for informational purposes and apply only to members who have health insurance through BCBSKS or who are covered by a self-insured group plan administered by BCBSKS. Medical Policy for FEP members is subject to FEP medical policy which may differ from BCBSKS Medical Policy.

The medical policies do not constitute medical advice or medical care. Treating health care providers are independent contractors and are neither employees nor agents of Blue Cross and Blue Shield of Kansas and are solely responsible for diagnosis, treatment and medical advice.

If your patient is covered under a different Blue Cross and Blue Shield plan, please refer to the Medical Policies of that plan.

DESCRIPTION

Fundus photography involves the use of a retinal camera to photograph the regions of the vitreous, retina, choroid, and optic nerve. Fundus photography is indicated to document abnormalities related to disease processes affecting the eye or to follow the progress of the disease, and is considered medically necessary for such conditions such

as macular degeneration, retinal neoplasms, choroid disturbances and diabetic retinopathy, or to identify glaucoma, multiple sclerosis, and other central nervous system abnormalities.

POLICY

- A. Fundus photography is considered **medically necessary** for any of the following indications:
1. Benign neoplasm of choroid
 2. Carcinoma in situ of eye
 3. Chorioretinal inflammation, scars, and other disorders of choroid
 4. Color vision deficiencies
 5. Congenital anomalies of posterior segment of eye
 6. Diabetic retinopathy
 7. Disorders of aromatic amino-acid metabolism affecting the fundus
 8. Disorders of optic nerve and visual pathways
 9. Glaucoma and glaucoma suspects
 10. Hamartoses involving the eye
 11. Malignant neoplasm of eye
 12. Other retinal disorders
 13. Penetration of eyeball with magnetic or non-magnetic foreign body
 14. Retinal detachment and defects
 15. Syphilitic retrobulbar neuritis
- B. Fundus photography is considered **medically necessary** for abnormal ocular conditions associated with:
1. Congenital rubella
 2. Histoplasmosis
 3. Human immunodeficiency virus (HIV) disease
 4. Lupus erythematosus
 5. Multiple sclerosis
 6. Pseudotumor cerebri
 7. Rheumatoid arthritis and other inflammatory polyarthropathies
 8. Sickle cell anemia
 9. Systemic lupus erythematosus
 10. Toxoplasmosis
 11. Tuberos sclerosis
- C. Fundus photography is considered **not medically necessary** for all other indications.

CODING

The following codes for treatment and procedures applicable to this policy are included below for informational purposes. Inclusion or exclusion of a procedure, diagnosis or device code(s) does not constitute or imply member coverage or provider reimbursement. Please refer to the member's contract benefits in effect at the time of service to determine coverage or non-coverage of these services as it applies to an individual member.

CPT/HCPCS

92250 Fundus photography with interpretation and report

ICD-10 Diagnoses

A18.53 Tuberculous chorioretinitis
 B39.4 Histoplasmosis capsulati, unspecified
 B39.5 Histoplasmosis duboisii
 B39.9 Histoplasmosis, unspecified
 B58.01 Toxoplasma chorioretinitis
 B58.09 Other toxoplasma oculopathy
 C69.01 Malignant neoplasm of right conjunctiva
 C69.02 Malignant neoplasm of left conjunctiva
 C69.11 Malignant neoplasm of right cornea
 C69.12 Malignant neoplasm of left cornea
 C69.21 Malignant neoplasm of right retina
 C69.22 Malignant neoplasm of left retina
 C69.31 Malignant neoplasm of right choroid
 C69.32 Malignant neoplasm of left choroid
 C69.41 Malignant neoplasm of right ciliary body
 C69.42 Malignant neoplasm of left ciliary body
 C69.51 Malignant neoplasm of right lacrimal gland and duct
 C69.52 Malignant neoplasm of left lacrimal gland and duct
 C69.61 Malignant neoplasm of right orbit
 C69.62 Malignant neoplasm of left orbit
 C69.81 Malignant neoplasm of overlapping sites of right eye and adnexa
 C69.82 Malignant neoplasm of overlapping sites of left eye and adnexa
 C69.91 Malignant neoplasm of unspecified site of right eye
 C69.92 Malignant neoplasm of unspecified site of left eye
 D09.21 Carcinoma in situ of right eye
 D09.22 Carcinoma in situ of left eye
 D31.21 Benign neoplasm of right retina
 D31.22 Benign neoplasm of left retina
 D31.31 Benign neoplasm of right choroid
 D31.32 Benign neoplasm of left choroid
 D31.41 Benign neoplasm of right ciliary body
 D31.42 Benign neoplasm of left ciliary body
 D49.81 Neoplasm of unspecified behavior of retina and choroid
 D57.00 Hb-SS disease with crisis, unspecified
 D57.03 Hb-SS disease with cerebral vascular involvement
 D57.09 Hb-SS disease with crisis with other specified complication
 D57.1 Sickle-cell disease without crisis

- D57.20 Sickle-cell/Hb-C disease without crisis
- D57.219 Sickle-cell/Hb-C disease with crisis, unspecified
- D57.213 Sickle-cell/Hb-C disease with cerebral vascular involvement
- D57.218 Sickle-cell/Hb-C disease with crisis with other specified complication
- D57.80 Other sickle-cell disorders without crisis
- D57.813 Other sickle-cell disorders with cerebral vascular involvement
- D57.818 Other sickle-cell disorders with crisis with other specified complication
- D57.819 Other sickle-cell disorders with crisis, unspecified
- E08.311 Diabetes mellitus due to underlying condition with unspecified diabetic retinopathy with macular edema
- E08.319 Diabetes mellitus due to underlying condition with unspecified diabetic retinopathy without macular edema
- E08.3211 Diabetes mellitus due to underlying condition with mild nonproliferative diabetic retinopathy with macular edema, right eye
- E08.3212 Diabetes mellitus due to underlying condition with mild nonproliferative diabetic retinopathy with macular edema, left eye
- E08.3213 Diabetes mellitus due to underlying condition with mild nonproliferative diabetic retinopathy with macular edema, bilateral
- E08.3291 Diabetes mellitus due to underlying condition with mild nonproliferative diabetic retinopathy without macular edema, right eye
- E08.3292 Diabetes mellitus due to underlying condition with mild nonproliferative diabetic retinopathy without macular edema, left eye
- E08.3293 Diabetes mellitus due to underlying condition with mild nonproliferative diabetic retinopathy without macular edema, bilateral
- E08.3311 Diabetes mellitus due to underlying condition with moderate nonproliferative diabetic retinopathy with macular edema, right eye
- E08.3312 Diabetes mellitus due to underlying condition with moderate nonproliferative diabetic retinopathy with macular edema, left eye
- E08.3313 Diabetes mellitus due to underlying condition with moderate nonproliferative diabetic retinopathy with macular edema, bilateral
- E08.3391 Diabetes mellitus due to underlying condition with moderate nonproliferative diabetic retinopathy without macular edema, right eye
- E08.3392 Diabetes mellitus due to underlying condition with moderate nonproliferative diabetic retinopathy without macular edema, left eye
- E08.3393 Diabetes mellitus due to underlying condition with moderate nonproliferative diabetic retinopathy without macular edema, bilateral
- E08.3411 Diabetes mellitus due to underlying condition with severe nonproliferative diabetic retinopathy with macular edema, right eye
- E08.3412 Diabetes mellitus due to underlying condition with severe nonproliferative diabetic retinopathy with macular edema, left eye
- E08.3413 Diabetes mellitus due to underlying condition with severe nonproliferative diabetic retinopathy with macular edema, bilateral
- E08.3491 Diabetes mellitus due to underlying condition with severe nonproliferative diabetic retinopathy without macular edema, right eye
- E08.3492 Diabetes mellitus due to underlying condition with severe nonproliferative diabetic retinopathy without macular edema, left eye
- E08.3493 Diabetes mellitus due to underlying condition with severe nonproliferative diabetic retinopathy without macular edema, bilateral

- E08.3511 Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with macular edema, right eye
- E08.3512 Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with macular edema, left eye
- E08.3513 Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with macular edema, bilateral
- E08.3521 Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with traction retinal detachment involving the macula, right eye
- E08.3522 Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with traction retinal detachment involving the macula, left eye
- E08.3523 Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with traction retinal detachment involving the macula, bilateral
- E08.3531 Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, right eye
- E08.3532 Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, left eye
- E08.3533 Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, bilateral
- E08.3541 Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, right eye
- E08.3542 Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, left eye
- E08.3543 Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, bilateral
- E08.3551 Diabetes mellitus due to underlying condition with stable proliferative diabetic retinopathy, right eye
- E08.3552 Diabetes mellitus due to underlying condition with stable proliferative diabetic retinopathy, left eye
- E08.3553 Diabetes mellitus due to underlying condition with stable proliferative diabetic retinopathy, bilateral
- E08.3591 Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy without macular edema, right eye
- E08.3592 Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy without macular edema, left eye
- E08.3593 Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy without macular edema, bilateral
- E08.36 Diabetes mellitus due to underlying condition with diabetic cataract
- E08.39 Diabetes mellitus due to underlying condition with other diabetic ophthalmic complication
- E08.51 Diabetes mellitus due to underlying condition with diabetic peripheral angiopathy without gangrene
- E08.52 Diabetes mellitus due to underlying condition with diabetic peripheral angiopathy with gangrene
- E08.59 Diabetes mellitus due to underlying condition with other circulatory complications

- E09.311 Drug or chemical induced diabetes mellitus with unspecified diabetic retinopathy with macular edema
- E09.319 Drug or chemical induced diabetes mellitus with unspecified diabetic retinopathy without macular edema
- E09.3211 Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, right eye
- E09.3212 Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, left eye
- E09.3213 Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, bilateral
- E09.3291 Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, right eye
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- E09.3293 Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, bilateral
- E09.3311 Drug or chemical induced diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, right eye
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- E09.3313 Drug or chemical induced diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, bilateral
- E09.3391 Drug or chemical induced diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, right eye
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- E09.3393 Drug or chemical induced diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, bilateral
- E09.3411 Drug or chemical induced diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, right eye
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- E09.3413 Drug or chemical induced diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, bilateral
- E09.3491 Drug or chemical induced diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, right eye
- E09.3492 Drug or chemical induced diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, left eye
- E09.3493 Drug or chemical induced diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, bilateral
- E09.3511 Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy with macular edema, right eye
- E09.3512 Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy with macular edema, left eye
- E09.3513 Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy with macular edema, bilateral
- E09.3521 Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, right eye

- E09.3522 Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, left eye
- E09.3523 Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, bilateral
- E09.3531 Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, right eye
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- E09.3533 Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, bilateral
- E09.3541 Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, right eye
- E09.3542 Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, left eye
- E09.3543 Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, bilateral
- E09.3551 Drug or chemical induced diabetes mellitus with stable proliferative diabetic retinopathy, right eye
- E09.3552 Drug or chemical induced diabetes mellitus with stable proliferative diabetic retinopathy, left eye
- E09.3553 Drug or chemical induced diabetes mellitus with stable proliferative diabetic retinopathy, bilateral
- E09.3591 Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy without macular edema, right eye
- E09.3592 Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy without macular edema, left eye
- E09.3593 Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy without macular edema, bilateral
- E09.36 Drug or chemical induced diabetes mellitus with diabetic cataract
- E09.39 Drug or chemical induced diabetes mellitus with other diabetic ophthalmic complication
- E09.51 Drug or chemical induced diabetes mellitus with diabetic peripheral angiopathy without gangrene
- E09.52 Drug or chemical induced diabetes mellitus with diabetic peripheral angiopathy with gangrene
- E10.311 Type 1 diabetes mellitus with unspecified diabetic retinopathy with macular edema
- E10.319 Type 1 diabetes mellitus with unspecified diabetic retinopathy without macular edema
- E10.3211 Type 1 diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, right eye
- E10.3212 Type 1 diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, left eye
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- E10.3291 Type 1 diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, right eye
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- E10.3521 Type 1 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, right eye
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- E10.3523 Type 1 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, bilateral
- E10.3531 Type 1 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, right eye
- E10.3532 Type 1 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, left eye
- E10.3533 Type 1 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, bilateral

- E10.3541 Type 1 diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, right eye
- E10.3542 Type 1 diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, left eye
- E10.3543 Type 1 diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, bilateral
- E10.3551 Type 1 diabetes mellitus with stable proliferative diabetic retinopathy, right eye
- E10.3552 Type 1 diabetes mellitus with stable proliferative diabetic retinopathy, left eye
- E10.3553 Type 1 diabetes mellitus with stable proliferative diabetic retinopathy, bilateral
- E10.3591 Type 1 diabetes mellitus with proliferative diabetic retinopathy without macular edema, right eye
- E10.3592 Type 1 diabetes mellitus with proliferative diabetic retinopathy without macular edema, left eye
- E10.3593 Type 1 diabetes mellitus with proliferative diabetic retinopathy without macular edema, bilateral
- E10.36 Type 1 diabetes mellitus with diabetic cataract
- E10.39 Type 1 diabetes mellitus with other diabetic ophthalmic complication
- E10.51 Type 1 diabetes mellitus with diabetic peripheral angiopathy without gangrene
- E10.52 Type 1 diabetes mellitus with diabetic peripheral angiopathy with gangrene
- E11.311 Type 2 diabetes mellitus with unspecified diabetic retinopathy with macular edema
- E11.319 Type 2 diabetes mellitus with unspecified diabetic retinopathy without macular edema
- E11.3211 Type 2 diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, right eye
- E11.3212 Type 2 diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, left eye
- E11.3213 Type 2 diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, bilateral
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- E11.3393 Type 2 diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, bilateral
- E11.3411 Type 2 diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, right eye

- E11.3412 Type 2 diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, left eye
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- E11.3491 Type 2 diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, right eye
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- E11.3493 Type 2 diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, bilateral
- E11.3511 Type 2 diabetes mellitus with proliferative diabetic retinopathy with macular edema, right eye
- E11.3512 Type 2 diabetes mellitus with proliferative diabetic retinopathy with macular edema, left eye
- E11.3513 Type 2 diabetes mellitus with proliferative diabetic retinopathy with macular edema, bilateral
- E11.3521 Type 2 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, right eye
- E11.3522 Type 2 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, left eye
- E11.3523 Type 2 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, bilateral
- E11.3531 Type 2 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, right eye
- E11.3532 Type 2 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, left eye
- E11.3533 Type 2 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, bilateral
- E11.3541 Type 2 diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, right eye
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- E11.3543 Type 2 diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, bilateral
- E11.3551 Type 2 diabetes mellitus with stable proliferative diabetic retinopathy, right eye
- E11.3552 Type 2 diabetes mellitus with stable proliferative diabetic retinopathy, left eye
- E11.3553 Type 2 diabetes mellitus with stable proliferative diabetic retinopathy, bilateral
- E11.3591 Type 2 diabetes mellitus with proliferative diabetic retinopathy without macular edema, right eye
- E11.3592 Type 2 diabetes mellitus with proliferative diabetic retinopathy without macular edema, left eye
- E11.3593 Type 2 diabetes mellitus with proliferative diabetic retinopathy without macular edema, bilateral
- E11.36 Type 2 diabetes mellitus with diabetic cataract
- E11.39 Type 2 diabetes mellitus with other diabetic ophthalmic complication
- E11.51 Type 2 diabetes mellitus with diabetic peripheral angiopathy without gangrene
- E11.52 Type 2 diabetes mellitus with diabetic peripheral angiopathy with gangrene

- E13.311 Other specified diabetes mellitus with unspecified diabetic retinopathy with macular edema
- E13.319 Other specified diabetes mellitus with unspecified diabetic retinopathy without macular edema
- E13.3211 Other specified diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, right eye
- E13.3212 Other specified diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, left eye
- E13.3213 Other specified diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, bilateral
- E13.3291 Other specified diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, right eye
- E13.3292 Other specified diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, left eye
- E13.3293 Other specified diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, bilateral
- E13.3311 Other specified diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, right eye
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- E13.3313 Other specified diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, bilateral
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- E13.3392 Other specified diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, left eye
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- E13.3411 Other specified diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, right eye
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- E13.3413 Other specified diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, bilateral
- E13.3491 Other specified diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, right eye
- E13.3492 Other specified diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, left eye
- E13.3493 Other specified diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, bilateral
- E13.3511 Other specified diabetes mellitus with proliferative diabetic retinopathy with macular edema, right eye
- E13.3512 Other specified diabetes mellitus with proliferative diabetic retinopathy with macular edema, left eye
- E13.3513 Other specified diabetes mellitus with proliferative diabetic retinopathy with macular edema, bilateral
- E13.3521 Other specified diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, right eye

- E13.3522 Other specified diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, left eye
- E13.3523 Other specified diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, bilateral
- E13.3531 Other specified diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, right eye
- E13.3532 Other specified diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, left eye
- E13.3533 Other specified diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, bilateral
- E13.3541 Other specified diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, right eye
- E13.3542 Other specified diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, left eye
- E13.3543 Other specified diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, bilateral
- E13.3551 Other specified diabetes mellitus with stable proliferative diabetic retinopathy, right eye
- E13.3552 Other specified diabetes mellitus with stable proliferative diabetic retinopathy, left eye
- E13.3553 Other specified diabetes mellitus with stable proliferative diabetic retinopathy, bilateral
- E13.3591 Other specified diabetes mellitus with proliferative diabetic retinopathy without macular edema, right eye
- E13.3592 Other specified diabetes mellitus with proliferative diabetic retinopathy without macular edema, left eye
- E13.3593 Other specified diabetes mellitus with proliferative diabetic retinopathy without macular edema, bilateral
- E13.36 Other specified diabetes mellitus with diabetic cataract
- E13.39 Other specified diabetes mellitus with other diabetic ophthalmic complication
- E13.51 Other specified diabetes mellitus with diabetic peripheral angiopathy without gangrene
- E13.52 Other specified diabetes mellitus with diabetic peripheral angiopathy with gangrene
- E70.20 Disorder of tyrosine metabolism, unspecified
- E70.21 Tyrosinemia
- E70.29 Other disorders of tyrosine metabolism
- E70.30 Albinism, unspecified
- E70.310 X-linked ocular albinism
- E70.311 Autosomal recessive ocular albinism
- E70.318 Other ocular albinism
- E70.319 Ocular albinism, unspecified
- E70.320 Tyrosinase negative oculocutaneous albinism
- E70.321 Tyrosinase positive oculocutaneous albinism
- E70.328 Other oculocutaneous albinism
- E70.329 Oculocutaneous albinism, unspecified
- E70.330 Chediak-Higashi syndrome
- E70.331 Hermansky-Pudlak syndrome
- E70.338 Other albinism with hematologic abnormality
- E70.339 Albinism with hematologic abnormality, unspecified
- E70.39 Other specified albinism
- E70.5 Disorders of tryptophan metabolism
- E70.81 Aromatic L-amino acid decarboxylase deficiency

E70.89	Other disorders of aromatic amino-acid metabolism
E70.9	Disorder of aromatic amino-acid metabolism, unspecified
E78.71	Barth syndrome
E78.72	Smith-Lemli-Opitz syndrome
G93.2	Benign intracranial hypertension
H16.241	Ophthalmia nodosa, right eye
H16.242	Ophthalmia nodosa, left eye
H16.243	Ophthalmia nodosa, bilateral
H21.331	Parasitic cyst of iris, ciliary body or anterior chamber, right eye
H21.332	Parasitic cyst of iris, ciliary body or anterior chamber, left eye
H21.333	Parasitic cyst of iris, ciliary body or anterior chamber, bilateral
H27.111	Subluxation of lens, right eye
H27.112	Subluxation of lens, left eye
H27.113	Subluxation of lens, bilateral
H27.131	Posterior dislocation of lens, right eye
H27.132	Posterior dislocation of lens, left eye
H27.133	Posterior dislocation of lens, bilateral
H30.001	Unspecified focal chorioretinal inflammation, right eye
H30.002	Unspecified focal chorioretinal inflammation, left eye
H30.003	Unspecified focal chorioretinal inflammation, bilateral
H30.011	Focal chorioretinal inflammation, juxtapapillary, right eye
H30.012	Focal chorioretinal inflammation, juxtapapillary, left eye
H30.013	Focal chorioretinal inflammation, juxtapapillary, bilateral
H30.021	Focal chorioretinal inflammation of posterior pole, right eye
H30.022	Focal chorioretinal inflammation of posterior pole, left eye
H30.023	Focal chorioretinal inflammation of posterior pole, bilateral
H30.031	Focal chorioretinal inflammation, peripheral, right eye
H30.032	Focal chorioretinal inflammation, peripheral, left eye
H30.033	Focal chorioretinal inflammation, peripheral, bilateral
H30.041	Focal chorioretinal inflammation, macular or paramacular, right eye
H30.042	Focal chorioretinal inflammation, macular or paramacular, left eye
H30.043	Focal chorioretinal inflammation, macular or paramacular, bilateral
H30.101	Unspecified disseminated chorioretinal inflammation, right eye
H30.102	Unspecified disseminated chorioretinal inflammation, left eye
H30.103	Unspecified disseminated chorioretinal inflammation, bilateral
H30.111	Disseminated chorioretinal inflammation of posterior pole, right eye
H30.112	Disseminated chorioretinal inflammation of posterior pole, left eye
H30.113	Disseminated chorioretinal inflammation of posterior pole, bilateral
H30.121	Disseminated chorioretinal inflammation, peripheral right eye
H30.122	Disseminated chorioretinal inflammation, peripheral, left eye
H30.123	Disseminated chorioretinal inflammation, peripheral, bilateral
H30.131	Disseminated chorioretinal inflammation, generalized, right eye
H30.132	Disseminated chorioretinal inflammation, generalized, left eye
H30.133	Disseminated chorioretinal inflammation, generalized, bilateral
H30.141	Acute posterior multifocal placoid pigment epitheliopathy, right eye
H30.142	Acute posterior multifocal placoid pigment epitheliopathy, left eye
H30.143	Acute posterior multifocal placoid pigment epitheliopathy, bilateral
H30.21	Posterior cyclitis, right eye

H30.22	Posterior cyclitis, left eye
H30.23	Posterior cyclitis, bilateral
H30.811	Harada's disease, right eye
H30.812	Harada's disease, left eye
H30.813	Harada's disease, bilateral
H30.891	Other chorioretinal inflammations, right eye
H30.892	Other chorioretinal inflammations, left eye
H30.893	Other chorioretinal inflammations, bilateral
H30.91	Unspecified chorioretinal inflammation, right eye
H30.92	Unspecified chorioretinal inflammation, left eye
H30.93	Unspecified chorioretinal inflammation, bilateral
H31.001	Unspecified chorioretinal scars, right eye
H31.002	Unspecified chorioretinal scars, left eye
H31.003	Unspecified chorioretinal scars, bilateral
H31.011	Macula scars of posterior pole (postinflammatory) (post-traumatic), right eye
H31.012	Macula scars of posterior pole (postinflammatory) (post-traumatic), left eye
H31.013	Macula scars of posterior pole (postinflammatory) (post-traumatic), bilateral
H31.021	Solar retinopathy, right eye
H31.022	Solar retinopathy, left eye
H31.023	Solar retinopathy, bilateral
H31.091	Other chorioretinal scars, right eye
H31.092	Other chorioretinal scars, left eye
H31.093	Other chorioretinal scars, bilateral
H31.101	Choroidal degeneration, unspecified, right eye
H31.102	Choroidal degeneration, unspecified, left eye
H31.103	Choroidal degeneration, unspecified, bilateral
H31.111	Age-related choroidal atrophy, right eye
H31.112	Age-related choroidal atrophy, left eye
H31.113	Age-related choroidal atrophy, bilateral
H31.121	Diffuse secondary atrophy of choroid, right eye
H31.122	Diffuse secondary atrophy of choroid, left eye
H31.123	Diffuse secondary atrophy of choroid, bilateral
H31.20	Hereditary choroidal dystrophy, unspecified
H31.21	Choroideremia
H31.22	Choroidal dystrophy (central areolar) (generalized) (peripapillary)
H31.23	Gyrate atrophy, choroid
H31.29	Other hereditary choroidal dystrophy
H31.301	Unspecified choroidal hemorrhage, right eye
H31.302	Unspecified choroidal hemorrhage, left eye
H31.303	Unspecified choroidal hemorrhage, bilateral
H31.311	Expulsive choroidal hemorrhage, right eye
H31.312	Expulsive choroidal hemorrhage, left eye
H31.313	Expulsive choroidal hemorrhage, bilateral
H31.321	Choroidal rupture, right eye
H31.322	Choroidal rupture, left eye
H31.323	Choroidal rupture, bilateral
H31.401	Unspecified choroidal detachment, right eye
H31.402	Unspecified choroidal detachment, left eye

H31.403 Unspecified choroidal detachment, bilateral
H31.411 Hemorrhagic choroidal detachment, right eye
H31.412 Hemorrhagic choroidal detachment, left eye
H31.413 Hemorrhagic choroidal detachment, bilateral
H31.421 Serous choroidal detachment, right eye
H31.422 Serous choroidal detachment, left eye
H31.423 Serous choroidal detachment, bilateral
H31.8 Other specified disorders of choroid
H31.9 Unspecified disorder of choroid
H32 Chorioretinal disorders in diseases classified elsewhere
H33.001 Unspecified retinal detachment with retinal break, right eye
H33.002 Unspecified retinal detachment with retinal break, left eye
H33.003 Unspecified retinal detachment with retinal break, bilateral
H33.011 Retinal detachment with single break, right eye
H33.012 Retinal detachment with single break, left eye
H33.013 Retinal detachment with single break, bilateral
H33.021 Retinal detachment with multiple breaks, right eye
H33.022 Retinal detachment with multiple breaks, left eye
H33.023 Retinal detachment with multiple breaks, bilateral
H33.031 Retinal detachment with giant retinal tear, right eye
H33.032 Retinal detachment with giant retinal tear, left eye
H33.033 Retinal detachment with giant retinal tear, bilateral
H33.041 Retinal detachment with retinal dialysis, right eye
H33.042 Retinal detachment with retinal dialysis, left eye
H33.043 Retinal detachment with retinal dialysis, bilateral
H33.051 Total retinal detachment, right eye
H33.052 Total retinal detachment, left eye
H33.053 Total retinal detachment, bilateral
H33.101 Unspecified retinoschisis, right eye
H33.102 Unspecified retinoschisis, left eye
H33.103 Unspecified retinoschisis, bilateral
H33.111 Cyst of ora serrata, right eye
H33.112 Cyst of ora serrata, left eye
H33.113 Cyst of ora serrata, bilateral
H33.119 Cyst of ora serrata, unspecified eye
H33.121 Parasitic cyst of retina, right eye
H33.122 Parasitic cyst of retina, left eye
H33.123 Parasitic cyst of retina, bilateral
H33.191 Other retinoschisis and retinal cysts, right eye
H33.192 Other retinoschisis and retinal cysts, left eye
H33.193 Other retinoschisis and retinal cysts, bilateral
H33.21 Serous retinal detachment, right eye
H33.22 Serous retinal detachment, left eye
H33.23 Serous retinal detachment, bilateral
H33.301 Unspecified retinal break, right eye
H33.302 Unspecified retinal break, left eye
H33.303 Unspecified retinal break, bilateral
H33.311 Horseshoe tear of retina without detachment, right eye

- H33.312 Horseshoe tear of retina without detachment, left eye
- H33.313 Horseshoe tear of retina without detachment, bilateral
- H33.321 Round hole, right eye
- H33.322 Round hole, left eye
- H33.323 Round hole, bilateral
- H33.331 Multiple defects of retina without detachment, right eye
- H33.332 Multiple defects of retina without detachment, left eye
- H33.333 Multiple defects of retina without detachment, bilateral
- H33.41 Traction detachment of retina, right eye
- H33.42 Traction detachment of retina, left eye
- H33.43 Traction detachment of retina, bilateral
- H33.8 Other retinal detachments
- H34.01 Transient retinal artery occlusion, right eye
- H34.02 Transient retinal artery occlusion, left eye
- H34.03 Transient retinal artery occlusion, bilateral
- H34.11 Central retinal artery occlusion, right eye
- H34.12 Central retinal artery occlusion, left eye
- H34.13 Central retinal artery occlusion, bilateral
- H34.211 Partial retinal artery occlusion, right eye
- H34.212 Partial retinal artery occlusion, left eye
- H34.213 Partial retinal artery occlusion, bilateral
- H34.231 Retinal artery branch occlusion, right eye
- H34.232 Retinal artery branch occlusion, left eye
- H34.233 Retinal artery branch occlusion, bilateral
- H34.8110 Central retinal vein occlusion, right eye, with macular edema
- H34.8111 Central retinal vein occlusion, right eye, with retinal neovascularization
- H34.8112 Central retinal vein occlusion, right eye, stable
- H34.8120 Central retinal vein occlusion, left eye, with macular edema
- H34.8121 Central retinal vein occlusion, left eye, with retinal neovascularization
- H34.8122 Central retinal vein occlusion, left eye, stable
- H34.8130 Central retinal vein occlusion, bilateral, with macular edema
- H34.8131 Central retinal vein occlusion, bilateral, with retinal neovascularization
- H34.8132 Central retinal vein occlusion, bilateral, stable
- H34.821 Venous engorgement, right eye
- H34.822 Venous engorgement, left eye
- H34.823 Venous engorgement, bilateral
- H34.8310 Tributary (branch) retinal vein occlusion, right eye, with macular edema
- H34.8311 Tributary (branch) retinal vein occlusion, right eye, with retinal neovascularization
- H34.8312 Tributary (branch) retinal vein occlusion, right eye, stable
- H34.8320 Tributary (branch) retinal vein occlusion, left eye, with macular edema
- H34.8321 Tributary (branch) retinal vein occlusion, left eye, with retinal neovascularization
- H34.8322 Tributary (branch) retinal vein occlusion, left eye, stable
- H34.8330 Tributary (branch) retinal vein occlusion, bilateral, with macular edema
- H34.8331 Tributary (branch) retinal vein occlusion, bilateral, with retinal neovascularization
- H34.8332 Tributary (branch) retinal vein occlusion, bilateral, stable
- H34.9 Unspecified retinal vascular occlusion
- H35.00 Unspecified background retinopathy
- H35.011 Changes in retinal vascular appearance, right eye

H35.012 Changes in retinal vascular appearance, left eye
H35.013 Changes in retinal vascular appearance, bilateral
H35.021 Exudative retinopathy, right eye
H35.022 Exudative retinopathy, left eye
H35.023 Exudative retinopathy, bilateral
H35.031 Hypertensive retinopathy, right eye
H35.032 Hypertensive retinopathy, left eye
H35.033 Hypertensive retinopathy, bilateral
H35.041 Retinal micro-aneurysms, unspecified, right eye
H35.042 Retinal micro-aneurysms, unspecified, left eye
H35.043 Retinal micro-aneurysms, unspecified, bilateral
H35.051 Retinal neovascularization, unspecified, right eye
H35.052 Retinal neovascularization, unspecified, left eye
H35.053 Retinal neovascularization, unspecified, bilateral
H35.061 Retinal vasculitis, right eye
H35.062 Retinal vasculitis, left eye
H35.063 Retinal vasculitis, bilateral
H35.071 Retinal telangiectasis, right eye
H35.072 Retinal telangiectasis, left eye
H35.073 Retinal telangiectasis, bilateral
H35.09 Other intraretinal microvascular abnormalities
H35.101 Retinopathy of prematurity, unspecified, right eye
H35.102 Retinopathy of prematurity, unspecified, left eye
H35.103 Retinopathy of prematurity, unspecified, bilateral
H35.111 Retinopathy of prematurity, stage 0, right eye
H35.112 Retinopathy of prematurity, stage 0, left eye
H35.113 Retinopathy of prematurity, stage 0, bilateral
H35.121 Retinopathy of prematurity, stage 1, right eye
H35.122 Retinopathy of prematurity, stage 1, left eye
H35.123 Retinopathy of prematurity, stage 1, bilateral
H35.131 Retinopathy of prematurity, stage 2, right eye
H35.132 Retinopathy of prematurity, stage 2, left eye
H35.133 Retinopathy of prematurity, stage 2, bilateral
H35.141 Retinopathy of prematurity, stage 3, right eye
H35.142 Retinopathy of prematurity, stage 3, left eye
H35.143 Retinopathy of prematurity, stage 3, bilateral
H35.151 Retinopathy of prematurity, stage 4, right eye
H35.152 Retinopathy of prematurity, stage 4, left eye
H35.153 Retinopathy of prematurity, stage 4, bilateral
H35.161 Retinopathy of prematurity, stage 5, right eye
H35.162 Retinopathy of prematurity, stage 5, left eye
H35.163 Retinopathy of prematurity, stage 5, bilateral
H35.171 Retrolental fibroplasia, right eye
H35.172 Retrolental fibroplasia, left eye
H35.173 Retrolental fibroplasia, bilateral
H35.21 Other non-diabetic proliferative retinopathy, right eye
H35.22 Other non-diabetic proliferative retinopathy, left eye
H35.23 Other non-diabetic proliferative retinopathy, bilateral

- H35.30 Unspecified macular degeneration
- H35.3110 Nonexudative age-related macular degeneration, right eye, stage unspecified
- H35.3111 Nonexudative age-related macular degeneration, right eye, early dry stage
- H35.3112 Nonexudative age-related macular degeneration, right eye, intermediate dry stage
- H35.3113 Nonexudative age-related macular degeneration, right eye, advanced atrophic with subfoveal involvement
- H35.3114 Nonexudative age-related macular degeneration, left eye, stage unspecified
- H35.3120 Nonexudative age-related macular degeneration, left eye, early dry stage
- H35.3121 Nonexudative age-related macular degeneration, left eye, intermediate dry stage
- H35.3122 Nonexudative age-related macular degeneration, left eye, advanced atrophic without subfoveal involvement
- H35.3124 Nonexudative age-related macular degeneration, left eye, advanced atrophic with subfoveal involvement
- H35.3130 Nonexudative age-related macular degeneration, bilateral, stage unspecified
- H35.3131 Nonexudative age-related macular degeneration, bilateral, early dry stage
- H35.3132 Nonexudative age-related macular degeneration, bilateral, intermediate dry stage
- H35.3133 Nonexudative age-related macular degeneration, bilateral, advanced atrophic without subfoveal involvement
- H35.3134 Nonexudative age-related macular degeneration, bilateral, advanced atrophic with subfoveal involvement
- H35.3210 Exudative age-related macular degeneration, right eye, stage unspecified
- H35.3211 Exudative age-related macular degeneration, right eye, with active choroidal neovascularization
- H35.3212 Exudative age-related macular degeneration, right eye, with inactive choroidal neovascularization
- H35.3213 Exudative age-related macular degeneration, right eye, with inactive scar
- H35.3220 Exudative age-related macular degeneration, left eye, stage unspecified
- H35.3221 Exudative age-related macular degeneration, left eye, with active choroidal neovascularization
- H35.3222 Exudative age-related macular degeneration, left eye, with inactive choroidal neovascularization
- H35.3223 Exudative age-related macular degeneration, left eye, with inactive scar
- H35.3230 Exudative age-related macular degeneration, bilateral, stage unspecified
- H35.3231 Exudative age-related macular degeneration, bilateral, with active choroidal neovascularization
- H35.3232 Exudative age-related macular degeneration, bilateral, with inactive choroidal neovascularization
- H35.3233 Exudative age-related macular degeneration, bilateral, with inactive scar
- H35.33 Angioid streaks of macula
- H35.341 Macular cyst, hole, or pseudohole, right eye
- H35.342 Macular cyst, hole, or pseudohole, left eye
- H35.343 Macular cyst, hole, or pseudohole, bilateral
- H35.351 Cystoid macular degeneration, right eye
- H35.352 Cystoid macular degeneration, left eye
- H35.353 Cystoid macular degeneration, bilateral
- H35.361 Drusen (degenerative) of macula, right eye
- H35.362 Drusen (degenerative) of macula, left eye
- H35.363 Drusen (degenerative) of macula, bilateral

- H35.371 Puckering of macula, right eye
- H35.372 Puckering of macula, left eye
- H35.373 Puckering of macula, bilateral
- H35.381 Toxic maculopathy, right eye
- H35.382 Toxic maculopathy, left eye
- H35.383 Toxic maculopathy, bilateral
- H35.40 Unspecified peripheral retinal degeneration
- H35.411 Lattice degeneration of retina, right eye
- H35.412 Lattice degeneration of retina, left eye
- H35.413 Lattice degeneration of retina, bilateral
- H35.421 Microcystoid degeneration of retina, right eye
- H35.422 Microcystoid degeneration of retina, left eye
- H35.423 Microcystoid degeneration of retina, bilateral
- H35.431 Paving stone degeneration of retina, right eye
- H35.432 Paving stone degeneration of retina, left eye
- H35.433 Paving stone degeneration of retina, bilateral
- H35.441 Age-related reticular degeneration of retina, right eye
- H35.442 Age-related reticular degeneration of retina, left eye
- H35.443 Age-related reticular degeneration of retina, bilateral
- H35.451 Secondary pigmentary degeneration, right eye
- H35.452 Secondary pigmentary degeneration, left eye
- H35.453 Secondary pigmentary degeneration, bilateral
- H35.461 Secondary vitreoretinal degeneration, right eye
- H35.462 Secondary vitreoretinal degeneration, left eye
- H35.463 Secondary vitreoretinal degeneration, bilateral
- H35.50 Unspecified hereditary retinal dystrophy
- H35.51 Vitreoretinal dystrophy
- H35.52 Pigmentary retinal dystrophy
- H35.53 Other dystrophies primarily involving the sensory retina
- H35.54 Dystrophies primarily involving the retinal pigment epithelium
- H35.61 Retinal hemorrhage, right eye
- H35.62 Retinal hemorrhage, left eye
- H35.63 Retinal hemorrhage, bilateral
- H35.70 Unspecified separation of retinal layers
- H35.711 Central serous chorioretinopathy, right eye
- H35.712 Central serous chorioretinopathy, left eye
- H35.713 Central serous chorioretinopathy, bilateral
- H35.721 Serous detachment of retinal pigment epithelium, right eye
- H35.722 Serous detachment of retinal pigment epithelium, left eye
- H35.723 Serous detachment of retinal pigment epithelium, bilateral
- H35.731 Hemorrhagic detachment of retinal pigment epithelium, right eye
- H35.732 Hemorrhagic detachment of retinal pigment epithelium, left eye
- H35.733 Hemorrhagic detachment of retinal pigment epithelium, bilateral
- H35.81 Retinal edema
- H35.82 Retinal ischemia
- H35.89 Other specified retinal disorders
- H35.9 Unspecified retinal disorder
- H36 Retinal disorders in diseases classified elsewhere

H40.001 Preglaucoma, unspecified, right eye
H40.002 Preglaucoma, unspecified, left eye
H40.003 Preglaucoma, unspecified, bilateral
H40.011 Open angle with borderline findings, low risk, right eye
H40.012 Open angle with borderline findings, low risk, left eye
H40.013 Open angle with borderline findings, low risk, bilateral
H40.021 Open angle with borderline findings, high risk, right eye
H40.022 Open angle with borderline findings, high risk, left eye
H40.023 Open angle with borderline findings, high risk, bilateral
H40.031 Anatomical narrow angle, right eye
H40.032 Anatomical narrow angle, left eye
H40.033 Anatomical narrow angle, bilateral
H40.041 Steroid responder, right eye
H40.042 Steroid responder, left eye
H40.043 Steroid responder, bilateral
H40.051 Ocular hypertension, right eye
H40.052 Ocular hypertension, left eye
H40.053 Ocular hypertension, bilateral
H40.061 Primary angle closure without glaucoma damage, right eye
H40.062 Primary angle closure without glaucoma damage, left eye
H40.063 Primary angle closure without glaucoma damage, bilateral
H40.10x1 Unspecified open-angle glaucoma, mild stage
H40.10x2 Unspecified open-angle glaucoma, moderate stage
H40.10x3 Unspecified open-angle glaucoma, severe stage
H40.10x4 Unspecified open-angle glaucoma, indeterminate stage
H40.111 Primary open-angle glaucoma, right eye
H40.1110 Primary open-angle glaucoma, right eye, stage unspecified
H40.1111 Primary open-angle glaucoma, right eye, mild stage
H40.1112 Primary open-angle glaucoma, right eye, moderate stage
H40.1113 Primary open-angle glaucoma, right eye, severe stage
H40.1114 Primary open-angle glaucoma, right eye, indeterminate stage
H40.112 Primary open-angle glaucoma, left eye
H40.1120 Primary open-angle glaucoma, left eye, stage unspecified
H40.1121 Primary open-angle glaucoma, left eye, mild stage
H40.1122 Primary open-angle glaucoma, left eye, moderate stage
H40.1123 Primary open-angle glaucoma, left eye, severe stage
H40.1124 Primary open-angle glaucoma, left eye, indeterminate stage
H40.113 Primary open-angle glaucoma, bilateral
H40.1130 Primary open-angle glaucoma, bilateral, stage unspecified
H40.1131 Primary open-angle glaucoma, left eye, mild stage
H40.1132 Primary open-angle glaucoma, bilateral, stage unspecified
H40.1133 Primary open-angle glaucoma, bilateral, severe stage
H40.1134 Primary open-angle glaucoma, bilateral, indeterminate stage
H40.1210 Low-tension glaucoma, right eye, stage unspecified
H40.1211 Low-tension glaucoma, right eye, mild stage
H40.1212 Low-tension glaucoma, right eye, moderate stage
H40.1213 Low-tension glaucoma, right eye, severe stage
H40.1214 Low-tension glaucoma, right eye, indeterminate stage

- H40.1220 Low-tension glaucoma, left eye, stage unspecified
- H40.1221 Low-tension glaucoma, left eye, mild stage
- H40.1222 Low-tension glaucoma, left eye, moderate stage
- H40.1223 Low-tension glaucoma, left eye, severe stage
- H40.1224 Low-tension glaucoma, left eye, indeterminate stage
- H40.1230 Low-tension glaucoma, bilateral, stage unspecified
- H40.1231 Low-tension glaucoma, bilateral, mild stage
- H40.1232 Low-tension glaucoma, bilateral, moderate stage
- H40.1233 Low-tension glaucoma, bilateral, severe stage
- H40.1234 Low-tension glaucoma, bilateral, indeterminate stage
- H40.1311 Pigmentary glaucoma, right eye, mild stage
- H40.1312 Pigmentary glaucoma, right eye, moderate stage
- H40.1313 Pigmentary glaucoma, right eye, severe stage
- H40.1321 Pigmentary glaucoma, left eye, mild stage
- H40.1322 Pigmentary glaucoma, left eye, moderate stage
- H40.1323 Pigmentary glaucoma, left eye, severe stage
- H40.1324 Pigmentary glaucoma, left eye, indeterminate stage
- H40.1330 Pigmentary glaucoma, bilateral, stage unspecified
- H40.1331 Pigmentary glaucoma, bilateral, mild stage
- H40.1332 Pigmentary glaucoma, bilateral, moderate stage
- H40.1333 Pigmentary glaucoma, bilateral, severe stage
- H40.1334 Pigmentary glaucoma, bilateral, indeterminate stage
- H40.141 Capsular glaucoma with pseudoexfoliation of lens, right eye
- H40.142 Capsular glaucoma with pseudoexfoliation of lens, left eye
- H40.143 Capsular glaucoma with pseudoexfoliation of lens, bilateral
- H40.1511 Residual stage of open-angle glaucoma, right eye, mild stage
- H40.1512 Residual stage of open-angle glaucoma, right eye, moderate stage
- H40.1513 Residual stage of open-angle glaucoma, right eye, severe stage
- H40.1514 Residual stage of open-angle glaucoma, right eye, indeterminate stage
- H40.1521 Residual stage of open-angle glaucoma, left eye, mild stage
- H40.1522 Residual stage of open-angle glaucoma, left eye, moderate stage
- H40.1523 Residual stage of open-angle glaucoma, left eye, severe stage
- H40.1524 Residual stage of open-angle glaucoma, left eye, indeterminate stage
- H40.1531 Residual stage of open-angle glaucoma, bilateral, mild stage
- H40.1532 Residual stage of open-angle glaucoma, bilateral, moderate stage
- H40.1533 Residual stage of open-angle glaucoma, bilateral, severe stage
- H40.1534 Residual stage of open-angle glaucoma, bilateral, indeterminate stage
- H40.20x1 Unspecified primary angle-closure glaucoma, mild stage
- H40.20x2 Unspecified primary angle-closure glaucoma, moderate stage
- H40.20x3 Unspecified primary angle-closure glaucoma, severe stage
- H40.20x4 Unspecified primary angle-closure glaucoma, indeterminate stage
- H40.211 Acute angle-closure glaucoma, right eye
- H40.212 Acute angle-closure glaucoma, left eye
- H40.213 Acute angle-closure glaucoma, bilateral
- H40.2211 Chronic angle-closure glaucoma, right eye, mild stage
- H40.2212 Chronic angle-closure glaucoma, right eye, moderate stage
- H40.2213 Chronic angle-closure glaucoma, right eye, severe stage
- H40.2214 Chronic angle-closure glaucoma, right eye, indeterminate stage

H40.2221 Chronic angle-closure glaucoma, left eye, mild stage
H40.2222 Chronic angle-closure glaucoma, left eye, moderate stage
H40.2223 Chronic angle-closure glaucoma, left eye, severe stage
H40.2224 Chronic angle-closure glaucoma, left eye, indeterminate stage
H40.2231 Chronic angle-closure glaucoma, bilateral, mild stage
H40.2232 Chronic angle-closure glaucoma, bilateral, moderate stage
H40.2233 Chronic angle-closure glaucoma, bilateral, severe stage
H40.2234 Chronic angle-closure glaucoma, bilateral, indeterminate stage
H40.231 Intermittent angle-closure glaucoma, right eye
H40.232 Intermittent angle-closure glaucoma, left eye
H40.233 Intermittent angle-closure glaucoma, bilateral
H40.241 Residual stage of angle-closure glaucoma, right eye
H40.242 Residual stage of angle-closure glaucoma, left eye
H40.243 Residual stage of angle-closure glaucoma, bilateral
H40.31x1 Glaucoma secondary to eye trauma, right eye, mild stage
H40.31x2 Glaucoma secondary to eye trauma, right eye, moderate stage
H40.31x3 Glaucoma secondary to eye trauma, right eye, severe stage
H40.31x4 Glaucoma secondary to eye trauma, right eye, indeterminate stage
H40.32x0 Glaucoma secondary to eye trauma, left eye, stage unspecified
H40.32x1 Glaucoma secondary to eye trauma, left eye, mild stage
H40.32x2 Glaucoma secondary to eye trauma, left eye, moderate stage
H40.32x3 Glaucoma secondary to eye trauma, left eye, severe stage
H40.32x4 Glaucoma secondary to eye trauma, left eye, indeterminate stage
H40.33x0 Glaucoma secondary to eye trauma, bilateral, stage unspecified
H40.33x1 Glaucoma secondary to eye trauma, bilateral, mild stage
H40.33x2 Glaucoma secondary to eye trauma, bilateral, moderate stage
H40.33x3 Glaucoma secondary to eye trauma, bilateral, severe stage
H40.33x4 Glaucoma secondary to eye trauma, bilateral, indeterminate stage
H40.40x0 Glaucoma secondary to eye inflammation, unspecified eye, stage unspecified
H40.41x0 Glaucoma secondary to eye inflammation, right eye, stage unspecified
H40.41x1 Glaucoma secondary to eye inflammation, right eye, mild stage
H40.41x2 Glaucoma secondary to eye inflammation, right eye, moderate stage
H40.41x3 Glaucoma secondary to eye inflammation, right eye, severe stage
H40.41x4 Glaucoma secondary to eye inflammation, right eye, indeterminate stage
H40.42x0 Glaucoma secondary to eye inflammation, left eye, stage unspecified
H40.42x1 Glaucoma secondary to eye inflammation, left eye, mild stage
H40.42x2 Glaucoma secondary to eye inflammation, left eye, moderate stage
H40.42x3 Glaucoma secondary to eye inflammation, left eye, severe stage
H40.42x4 Glaucoma secondary to eye inflammation, left eye, indeterminate stage
H40.43x0 Glaucoma secondary to eye inflammation, bilateral, stage unspecified
H40.43x1 Glaucoma secondary to eye inflammation, bilateral, mild stage
H40.43x2 Glaucoma secondary to eye inflammation, bilateral, moderate stage
H40.43x3 Glaucoma secondary to eye inflammation, bilateral, severe stage
H40.43x4 Glaucoma secondary to eye inflammation, bilateral, indeterminate stage
H40.51x1 Glaucoma secondary to other eye disorders, right eye, mild stage
H40.51x2 Glaucoma secondary to other eye disorders, right eye, moderate stage
H40.51x3 Glaucoma secondary to other eye disorders, right eye, severe stage
H40.51x4 Glaucoma secondary to other eye disorders, right eye, indeterminate stage

H40.52x1 Glaucoma secondary to other eye disorders, left eye, mild stage
H40.52x2 Glaucoma secondary to other eye disorders, left eye, moderate stage
H40.52x3 Glaucoma secondary to other eye disorders, left eye, severe stage
H40.52x4 Glaucoma secondary to other eye disorders, left eye, indeterminate stage
H40.53x1 Glaucoma secondary to other eye disorders, bilateral, mild stage
H40.53x2 Glaucoma secondary to other eye disorders, bilateral, moderate stage
H40.53x3 Glaucoma secondary to other eye disorders, bilateral, severe stage
H40.53x4 Glaucoma secondary to other eye disorders, bilateral, indeterminate stage
H40.60x1 Glaucoma secondary to drugs, unspecified eye, mild stage
H40.60x2 Glaucoma secondary to drugs, unspecified eye, moderate stage
H40.60x3 Glaucoma secondary to drugs, unspecified eye, severe stage
H40.60x4 Glaucoma secondary to drugs, unspecified eye, indeterminate stage
H40.61x1 Glaucoma secondary to drugs, right eye, mild stage
H40.61x2 Glaucoma secondary to drugs, right eye, moderate stage
H40.61x3 Glaucoma secondary to drugs, right eye, severe stage
H40.61x4 Glaucoma secondary to drugs, right eye, indeterminate stage
H40.62x1 Glaucoma secondary to drugs, left eye, mild stage
H40.62x2 Glaucoma secondary to drugs, left eye, moderate stage
H40.62x3 Glaucoma secondary to drugs, left eye, severe stage
H40.62x4 Glaucoma secondary to drugs, left eye, indeterminate stage
H40.63x1 Glaucoma secondary to drugs, bilateral, mild stage
H40.63x2 Glaucoma secondary to drugs, bilateral, moderate stage
H40.63x3 Glaucoma secondary to drugs, bilateral, severe stage
H40.63x4 Glaucoma secondary to drugs, bilateral, indeterminate stage
H40.811 Glaucoma with increased episcleral venous pressure, right eye
H40.812 Glaucoma with increased episcleral venous pressure, left eye
H40.813 Glaucoma with increased episcleral venous pressure, bilateral
H40.819 Glaucoma with increased episcleral venous pressure, unspecified eye
H40.821 Hypersecretion glaucoma, right eye
H40.822 Hypersecretion glaucoma, left eye
H40.823 Hypersecretion glaucoma, bilateral
H40.829 Hypersecretion glaucoma, unspecified eye
H40.831 Aqueous misdirection, right eye
H40.832 Aqueous misdirection, left eye
H40.833 Aqueous misdirection, bilateral
H40.89 Other specified glaucoma
H40.9 Unspecified glaucoma
H42 Glaucoma in diseases classified elsewhere
H43.01 Vitreous prolapse, right eye
H43.02 Vitreous prolapse, left eye
H43.03 Vitreous prolapse, bilateral
H43.11 Vitreous hemorrhage, right eye
H43.12 Vitreous hemorrhage, left eye
H43.13 Vitreous hemorrhage, bilateral
H43.21 Crystalline deposits in vitreous body, right eye
H43.22 Crystalline deposits in vitreous body, left eye
H43.23 Crystalline deposits in vitreous body, bilateral
H43.311 Vitreous membranes and strands, right eye

H43.312 Vitreous membranes and strands, left eye
H43.313 Vitreous membranes and strands, bilateral
H43.391 Other vitreous opacities, right eye
H43.392 Other vitreous opacities, left eye
H43.393 Other vitreous opacities, bilateral
H43.811 Vitreous degeneration, right eye
H43.812 Vitreous degeneration, left eye
H43.813 Vitreous degeneration, bilateral
H43.821 Vitreomacular adhesion, right eye
H43.822 Vitreomacular adhesion, left eye
H43.823 Vitreomacular adhesion, bilateral
H43.89 Other disorders of vitreous body
H44.001 Unspecified purulent endophthalmitis, right eye
H44.002 Unspecified purulent endophthalmitis, left eye
H44.003 Unspecified purulent endophthalmitis, bilateral
H44.011 Panophthalmitis (acute), right eye
H44.012 Panophthalmitis (acute), left eye
H44.013 Panophthalmitis (acute), bilateral
H44.021 Vitreous abscess (chronic), right eye
H44.022 Vitreous abscess (chronic), left eye
H44.023 Vitreous abscess (chronic), bilateral
H44.111 Panuveitis, right eye
H44.112 Panuveitis, left eye
H44.113 Panuveitis, bilateral
H44.121 Parasitic endophthalmitis, unspecified, right eye
H44.122 Parasitic endophthalmitis, unspecified, left eye
H44.123 Parasitic endophthalmitis, unspecified, bilateral
H44.131 Sympathetic uveitis, right eye
H44.132 Sympathetic uveitis, left eye
H44.133 Sympathetic uveitis, bilateral
H44.19 Other endophthalmitis
H44.2A1 Degenerative myopia with choroidal neovascularization, right eye
H44.2A2 Degenerative myopia with choroidal neovascularization, left eye
H44.2A3 Degenerative myopia with choroidal neovascularization, bilateral eye
H44.2B1 Degenerative myopia with macular hole, right eye
H44.2B2 Degenerative myopia with macular hole, left eye
H44.2B3 Degenerative myopia with macular hole, bilateral eye
H44.2C1 Degenerative myopia with retinal detachment, right eye
H44.2C2 Degenerative myopia with retinal detachment, left eye
H44.2C3 Degenerative myopia with retinal detachment, bilateral eye
H44.2D1 Degenerative myopia with foveoschisis, right eye
H44.2D2 Degenerative myopia with foveoschisis, left eye
H44.2D3 Degenerative myopia with foveoschisis, bilateral eye
H44.2E1 Degenerative myopia with other maculopathy, right eye
H44.2E2 Degenerative myopia with other maculopathy, left eye
H44.2E3 Degenerative myopia with other maculopathy, bilateral eye
H44.21 Degenerative myopia, right eye
H44.22 Degenerative myopia, left eye

H44.23	Degenerative myopia, bilateral
H44.30	Unspecified degenerative disorder of globe
H44.311	Chalcosis, right eye
H44.312	Chalcosis, left eye
H44.313	Chalcosis, bilateral
H44.321	Siderosis of eye, right eye
H44.322	Siderosis of eye, left eye
H44.323	Siderosis of eye, bilateral
H44.391	Other degenerative disorders of globe, right eye
H44.392	Other degenerative disorders of globe, left eye
H44.393	Other degenerative disorders of globe, bilateral
H44.40	Unspecified hypotony of eye
H44.411	Flat anterior chamber hypotony of right eye
H44.412	Flat anterior chamber hypotony of left eye
H44.413	Flat anterior chamber hypotony of eye, bilateral
H44.421	Hypotony of right eye due to ocular fistula
H44.422	Hypotony of left eye due to ocular fistula
H44.423	Hypotony of eye due to ocular fistula, bilateral
H44.431	Hypotony of eye due to other ocular disorders, right eye
H44.432	Hypotony of eye due to other ocular disorders, left eye
H44.433	Hypotony of eye due to other ocular disorders, bilateral
H44.441	Primary hypotony of right eye
H44.442	Primary hypotony of left eye
H44.443	Primary hypotony of eye, bilateral
H44.50	Unspecified degenerated conditions of globe
H44.511	Absolute glaucoma, right eye
H44.512	Absolute glaucoma, left eye
H44.513	Absolute glaucoma, bilateral
H44.521	Atrophy of globe, right eye
H44.522	Atrophy of globe, left eye
H44.523	Atrophy of globe, bilateral
H44.531	Leucocoria, right eye
H44.532	Leucocoria, left eye
H44.533	Leucocoria, bilateral
H44.601	Unspecified retained (old) intraocular foreign body, magnetic, right eye
H44.602	Unspecified retained (old) intraocular foreign body, magnetic, left eye
H44.603	Unspecified retained (old) intraocular foreign body, magnetic, bilateral
H44.611	Retained (old) magnetic foreign body in anterior chamber, right eye
H44.612	Retained (old) magnetic foreign body in anterior chamber, left eye
H44.613	Retained (old) magnetic foreign body in anterior chamber, bilateral
H44.621	Retained (old) magnetic foreign body in iris or ciliary body, right eye
H44.622	Retained (old) magnetic foreign body in iris or ciliary body, left eye
H44.623	Retained (old) magnetic foreign body in iris or ciliary body, bilateral
H44.631	Retained (old) magnetic foreign body in lens, right eye
H44.632	Retained (old) magnetic foreign body in lens, left eye
H44.633	Retained (old) magnetic foreign body in lens, bilateral
H44.641	Retained (old) magnetic foreign body in posterior wall of globe, right eye
H44.642	Retained (old) magnetic foreign body in posterior wall of globe, left eye

- H44.643 Retained (old) magnetic foreign body in posterior wall of globe, bilateral
- H44.651 Retained (old) magnetic foreign body in vitreous body, right eye
- H44.652 Retained (old) magnetic foreign body in vitreous body, left eye
- H44.653 Retained (old) magnetic foreign body in vitreous body, bilateral
- H44.691 Retained (old) intraocular foreign body, magnetic, in other or multiple sites, right eye
- H44.692 Retained (old) intraocular foreign body, magnetic, in other or multiple sites, left eye
- H44.693 Retained (old) intraocular foreign body, magnetic, in other or multiple sites, bilateral
- H44.701 Unspecified retained (old) intraocular foreign body, nonmagnetic, right eye
- H44.702 Unspecified retained (old) intraocular foreign body, nonmagnetic, left eye
- H44.703 Unspecified retained (old) intraocular foreign body, nonmagnetic, bilateral
- H44.711 Retained (nonmagnetic) (old) foreign body in anterior chamber, right eye
- H44.712 Retained (nonmagnetic) (old) foreign body in anterior chamber, left eye
- H44.713 Retained (nonmagnetic) (old) foreign body in anterior chamber, bilateral
- H44.721 Retained (nonmagnetic) (old) foreign body in iris or ciliary body, right eye
- H44.722 Retained (nonmagnetic) (old) foreign body in iris or ciliary body, left eye
- H44.723 Retained (nonmagnetic) (old) foreign body in iris or ciliary body, bilateral
- H44.731 Retained (nonmagnetic) (old) foreign body in lens, right eye
- H44.732 Retained (nonmagnetic) (old) foreign body in lens, left eye
- H44.733 Retained (nonmagnetic) (old) foreign body in lens, bilateral
- H44.741 Retained (nonmagnetic) (old) foreign body in posterior wall of globe, right eye
- H44.742 Retained (nonmagnetic) (old) foreign body in posterior wall of globe, left eye
- H44.743 Retained (nonmagnetic) (old) foreign body in posterior wall of globe, bilateral
- H44.751 Retained (nonmagnetic) (old) foreign body in vitreous body, right eye
- H44.752 Retained (nonmagnetic) (old) foreign body in vitreous body, left eye
- H44.753 Retained (nonmagnetic) (old) foreign body in vitreous body, bilateral
- H44.791 Retained (old) intraocular foreign body, nonmagnetic, in other or multiple sites, right eye
- H44.792 Retained (old) intraocular foreign body, nonmagnetic, in other or multiple sites, left eye
- H44.793 Retained (old) intraocular foreign body, nonmagnetic, in other or multiple sites, bilateral
- H44.811 Hemophthalmos, right eye
- H44.812 Hemophthalmos, left eye
- H44.813 Hemophthalmos, bilateral
- H44.821 Luxation of globe, right eye
- H44.822 Luxation of globe, left eye
- H44.823 Luxation of globe, bilateral
- H44.89 Other disorders of globe
- H46.01 Optic papillitis, right eye
- H46.02 Optic papillitis, left eye
- H46.03 Optic papillitis, bilateral
- H46.11 Retrobulbar neuritis, right eye
- H46.12 Retrobulbar neuritis, left eye
- H46.13 Retrobulbar neuritis, bilateral
- H46.2 Nutritional optic neuropathy
- H46.3 Toxic optic neuropathy
- H46.8 Other optic neuritis
- H46.9 Unspecified optic neuritis
- H47.011 Ischemic optic neuropathy, right eye

- H47.012 Ischemic optic neuropathy, left eye
- H47.013 Ischemic optic neuropathy, bilateral
- H47.021 Hemorrhage in optic nerve sheath, right eye
- H47.022 Hemorrhage in optic nerve sheath, left eye
- H47.023 Hemorrhage in optic nerve sheath, bilateral
- H47.031 Optic nerve hypoplasia, right eye
- H47.032 Optic nerve hypoplasia, left eye
- H47.033 Optic nerve hypoplasia, bilateral
- H47.091 Other disorders of optic nerve, not elsewhere classified, right eye
- H47.092 Other disorders of optic nerve, not elsewhere classified, left eye
- H47.093 Other disorders of optic nerve, not elsewhere classified, bilateral
- H47.11 Papilledema associated with increased intracranial pressure
- H47.12 Papilledema associated with decreased ocular pressure
- H47.13 Papilledema associated with retinal disorder
- H47.141 Foster-Kennedy syndrome, right eye
- H47.142 Foster-Kennedy syndrome, left eye
- H47.143 Foster-Kennedy syndrome, bilateral
- H47.211 Primary optic atrophy, right eye
- H47.212 Primary optic atrophy, left eye
- H47.213 Primary optic atrophy, bilateral
- H47.22 Hereditary optic atrophy
- H47.231 Glaucomatous optic atrophy, right eye
- H47.232 Glaucomatous optic atrophy, left eye
- H47.233 Glaucomatous optic atrophy, bilateral
- H47.291 Other optic atrophy, right eye
- H47.292 Other optic atrophy, left eye
- H47.293 Other optic atrophy, bilateral
- H47.311 Coloboma of optic disc, right eye
- H47.312 Coloboma of optic disc, left eye
- H47.313 Coloboma of optic disc, bilateral
- H47.321 Drusen of optic disc, right eye
- H47.322 Drusen of optic disc, left eye
- H47.323 Drusen of optic disc, bilateral
- H47.331 Pseudopapilledema of optic disc, right eye
- H47.332 Pseudopapilledema of optic disc, left eye
- H47.333 Pseudopapilledema of optic disc, bilateral
- H47.391 Other disorders of optic disc, right eye
- H47.392 Other disorders of optic disc, left eye
- H47.393 Other disorders of optic disc, bilateral
- H47.41 Disorders of optic chiasm in (due to) inflammatory disorders
- H47.42 Disorders of optic chiasm in (due to) neoplasm
- H47.43 Disorders of optic chiasm in (due to) vascular disorders
- H47.49 Disorders of optic chiasm in (due to) other disorders
- H47.511 Disorders of visual pathways in (due to) inflammatory disorders, right side
- H47.512 Disorders of visual pathways in (due to) inflammatory disorders, left side
- H47.521 Disorders of visual pathways in (due to) neoplasm, right side
- H47.522 Disorders of visual pathways in (due to) neoplasm, left side
- H47.531 Disorders of visual pathways in (due to) vascular disorders, right side

- H47.532 Disorders of visual pathways in (due to) vascular disorders, left side
- H47.611 Cortical blindness, right side of brain
- H47.612 Cortical blindness, left side of brain
- H47.621 Disorders of visual cortex in (due to) inflammatory disorders, right side of brain
- H47.622 Disorders of visual cortex in (due to) inflammatory disorders, left side of brain
- H47.631 Disorders of visual cortex in (due to) neoplasm, right side of brain
- H47.632 Disorders of visual cortex in (due to) neoplasm, left side of brain
- H47.641 Disorders of visual cortex in (due to) vascular disorders, right side of brain
- H47.642 Disorders of visual cortex in (due to) vascular disorders, left side of brain
- H47.9 Unspecified disorder of visual pathways
- H53.50 Unspecified color vision deficiencies
- H53.51 Achromatopsia
- H53.52 Acquired color vision deficiency
- H53.53 Deuteranomaly
- H53.54 Protanomaly
- H53.55 Tritanomaly
- H53.59 Other color vision deficiencies
- L93.0 Discoid lupus erythematosus
- L93.1 Subacute cutaneous lupus erythematosus
- L93.2 Other local lupus erythematosus
- M32.0 Drug-induced systemic lupus erythematosus
- M32.15 Tubulo-interstitial nephropathy in systemic lupus erythematosus
- M32.19 Other organ or system involvement in systemic lupus erythematosus
- M32.8 Other forms of systemic lupus erythematosus
- M32.9 Systemic lupus erythematosus, unspecified
- P35.0 Congenital rubella syndrome
- Q14.0 Congenital malformation of vitreous humor
- Q14.1 Congenital malformation of retina
- Q14.2 Congenital malformation of optic disc
- Q14.3 Congenital malformation of choroid
- Q14.8 Other congenital malformations of posterior segment of eye
- Q15.0 Congenital glaucoma
- Q85.1 Tuberosus sclerosis
- Q85.8 Other phakomatoses, not elsewhere classified
- Q85.9 Phakomatosis, unspecified
- Q87.42 Marfan's syndrome with ocular manifestations
- Q87.5 Other congenital malformation syndromes with other skeletal changes
- Q87.89 Other specified congenital malformation syndromes, not elsewhere classified
- Q89.8 Other specified congenital malformations
- R94.110 Abnormal electro-oculogram [EOG]
- R94.111 Abnormal electroretinogram [ERG]
- R94.112 Abnormal visually evoked potential [VEP]
- R94.113 Abnormal oculomotor study
- S05.51xA Penetrating wound with foreign body of right eyeball, initial encounter
- S05.52xA Penetrating wound with foreign body of left eyeball, initial encounter
- T37.2x1A Poisoning by antimalarials and drugs acting on other blood protozoa, accidental (unintentional), initial encounter

- T37.2x2A Poisoning by antimalarials and drugs acting on other blood protozoa, intentional self-harm, initial encounter
- T37.2x3A Poisoning by antimalarials and drugs acting on other blood protozoa, assault, initial encounter
- T37.2x4A Poisoning by antimalarials and drugs acting on other blood protozoa, undetermined, initial encounter
- T37.3x1A Poisoning by other antiprotozoal drugs, accidental (unintentional), initial encounter
- T37.3x2A Poisoning by other antiprotozoal drugs, intentional self-harm, initial encounter
- T37.3x3A Poisoning by other antiprotozoal drugs, assault, initial encounter
- T37.3x4A Poisoning by other antiprotozoal drugs, undetermined, initial encounter
- Z79.899 Other long term (current) drug therapy

REVISIONS

08-01-2005	This guideline was originally posted to the BCBSKS Web site in February 2005 under the category "Not Medically Necessary Services". On August 1, 2005, we converted the existing guideline into the medical policy format. The content remains unchanged.
08-30-2006 effective 01-01-2006	In "Policy", section deleted Extended Fundus Photography (i.e. Optomap®) will be denied as not medically necessary for all screening and diagnostic cases", and added "Extended Fundus Photography (i.e. Optomap®) or visual field exam billed with an eye examination code (92002, 92004, 92012, or 92014) with a MEDICAL DIAGNOSIS will be reimbursed separately from the medical eye examination service. Extended Fundus Photography (i.e. Optomap®) or visual field exam billed with one of the following eye examination codes (92002, 92004, 92012, or 92014) and a routine ICD-9 diagnosis (for example: V72.0, 367, 367.0, 367.1, 367.2, 367.20, 367.21, 367.32, 367.4, 367.9) is not medically necessary." at Medical Director's request.
	In "Coding", CPT section deleted 92499 and added 92250, at Medical Director's request.
	In "Reference" added 'Blue Shield Report, December 13, 2005, S-09-05' at Medical Director's request.
03-14-2011	Revised title from "Extended Fundus Photograph (i.e. Optomap)" to "Fundus Photography".
	Description section updated
	In Policy section: <ul style="list-style-type: none"> ▪ Revised wording to current language from: "Extended Fundus Photography (i.e. Optomap®) or visual field exam billed with an eye examination code (92002, 92004, 92012, or 92014) with a MEDICAL DIAGNOSIS will be reimbursed separately from the medical eye examination service. <p>Extended Fundus Photography (i.e. Optomap®) or visual field exam billed with one of the following eye examination codes (92002, 92004, 92012, or 92014) and a routine ICD-9 diagnosis (for example: V72.0, 367, 367.0, 367.1, 367.2, 367.20, 367.21, 367.32, 367.4, 367.9) is not medically necessary."</p>
	In Coding section: <ul style="list-style-type: none"> ▪ Removed CPT Codes: 92081, 92082, 92083 ▪ Revised policy from considering Fundus Photography medically necessary with any Medical Diagnosis (except a routine eye exam) to the following Diagnosis codes: 042, 084.0-084.9, 094.85, 115.02, 115.12, 115.92, 130.1, 130.2, 190.0-190.9, 198.4, 224.0, 224.5, 224.6, 225.1, 234.0, 239.81, 249.00-250.93, 270.2, 282.60-282.69, 340, 348.2, 360.00-360.89, 361.00-361.9, 362.01-362.9, 363.00-363.9, 365.00-365.9, 368.51-368.59, 377.00-377.9, 379.21-379.29, 379.32, 379.34, 695.4,

	710.0, 714.0-714.9, 743.51-743.59, 759.5, 759.6, 759.81-759.89, 771.0, 794.11, 794.12, 794.13, 794.14, 871.5, 871.6, 961.4, 961.5.
	References section updated.
07-25-2012	In the Policy section: <ul style="list-style-type: none"> In Item A, 22, removed "Monitoring of members for toxicity by anti-malarials such as Plaquenil (hydroxychloroquine) and drugs acting on other blood protozoa" and inserted "Monitoring for ocular toxicity secondary to high-risk medications (i.e., chloroquine (Aralen), hydroxychloroquine (Plaquenil), Interferon alpha-2b, Amiodarone, tamoxifen citrate (Nolvadex), fingolimod (Gilenya), Seroquel)
	In the Coding section: <ul style="list-style-type: none"> Added V58.69
	Reference section updated.
03-13-2013	Policy reviewed. No changes implemented.
12-11-2013	In Coding section: <ul style="list-style-type: none"> Added ICD-10 Diagnosis (<i>Effective October 1, 2014</i>)
	Updated Reference section.
04-14-2015	Policy reviewed; no changes made.
10-01-2015	Policy published 12-30-2015. Effective 10-01-2015 with ICD-10 coding implementation.
	In Coding section: <ul style="list-style-type: none"> Added ICD-10 code: Z79.899.
04-13-2016	Policy reviewed; no revisions made.
10-01-2016	In Policy section: <ul style="list-style-type: none"> In Item A, removed "2. Abnormal oculomotor studies", "3. Abnormal retinal function studies", "4. Abnormal visually evoked potential", "cranial nerves, eyeball, or retina", "Diabetes mellitus", "Disorders of globe", and "Endophthalmitis" and moved items A 10, 18, 19, 20, 23, 26, 28, 29, 31, 32, and 33 to new Item B. Added new Item B, "Fundus photography is considered medically necessary for abnormal ocular conditions associated with:"
	In Coding section: <ul style="list-style-type: none"> Added ICD-10 codes effective 10-01-2016: E08.3211, E08.3212, E08.3213, E08.3291, E08.3292, E08.3293, E08.3311, E08.3312, E08.3313, E8.3391, E08.3392, E08.3393, E08.3411, E08.3412, E08.3413, E08.3491, E08.3492, E08.3493, E08.3511, E08.3512, E08.3513, E08.3521, E08.3522, E08.3523, E08.3531, E08.3532, E08.3533, E08.3541, E08.3542, E08.3543, E08.3551, E08.3552, E08.3553, E08.3591, E08.3592, E08.3593, E09.3211, E09.3212, E09.3213, E09.3291, E09.3292, E09.3293, E09.3311, E09.3312, E09.3313, E09.3391, E09.3392, E09.3393, E09.3411, E09.3412, E09.3413, E09.3491, E09.3492, E09.3493, E09.3511, E09.3512, E09.3513, E09.3521, E09.3522, E09.3523, E09.3531, E09.3532, E09.3533, E09.3541, E09.3542, E09.3543, E09.3551, E09.3552, E09.3553, E09.3591, E09.3592, E09.3593, E10.3211, E10.3212, E10.3213, E10.3291, E10.3292, E10.3293, E10.3311, E10.3312, E10.3313, E10.3391, E10.3392, E10.3393, E10.3411, E10.3412, E10.3413, E10.3491, E10.3492, E10.3493, E10.3511, E10.3512, E10.3513, E10.3521, E10.3522, E10.3523, E10.3531, E10.3532, E10.3533, E10.3541, E10.3542, E10.3543, E10.3551, E10.3552, E10.3553, E10.3591, E10.3592, E10.3593, E11.3211, E11.3212, E11.3213, E11.3291, E11.3292, E11.3293, E11.3311, E11.3312, E11.3313, E11.3391, E11.3392, E11.3393, E11.3411, E11.3412, E11.3413, E11.3491, E11.3492, E11.3493, E11.3511, E11.3512, E11.3513, E11.3521, E11.3522, E11.3523, E11.3531, E11.3532, E11.3533, E11.3541, E11.3542, E11.3543, E11.3551, E11.3552, E11.3553, E11.3591, E11.3592, E11.3593, E13.3211, E13.3212, E13.3213, E13.3291, E13.3292, E13.3293, E13.3311, E13.3312, E13.3313, E13.3391, E13.3392, E13.3393, E13.3511,

	<p>E13.3512, E13.3513, E13.3521, E13.3522, E13.3523, E13.3531, E13.3532, E13.3533, E13.3541, E13.3542, E13.3543, E13.3551, E13.3552, E13.3553, E13.3491, E13.3492, E13.3493, E13.3411, E13.3412, E13.3413, E13.3491, E13.3492, E13.3493, E13.3591, E13.3592, E13.3593, E13.3511, E13.3512, E13.3513, E13.3521, E13.3522, E13.3523, E13.3531, E13.3532, E13.3533, E13.3541, E13.3542, E13.3543, E13.3551, E13.3552, E13.3553, E13.3591, E13.3592, E13.3593, H34.8110, H34.8111, H34.8112, H34.8120, H34.8121, H34.8122, H34.8130, H34.8131, H34.8132, H34.8310, H34.8311, H34.8312, H34.8320, H34.8321, H34.8322, H34.8330, H34.8331, H34.8332, H35.3110, H35.3111, H35.3112, H35.3113, H35.3114, H35.3120, H35.3121, H35.3122, H35.3124, H35.3130, H35.3131, H35.3132, H35.3133, H35.3134, H35.3210, H35.3211, H35.3212, H35.3213, H35.3220, H35.3221, H35.3222, H35.3223, H35.3230, H35.3231, H35.3232, H35.3233, H40.111, H40.1110, H40.1111, H40.1112, H40.1113, H40.1114, H40.112, H40.1120, H40.1121, H40.1122, H40.1123, H40.1124, H40.113, H40.1130, H40.1131, H40.1132, H40.1133, H40.1134.</p> <ul style="list-style-type: none"> ▪ Termed ICD-10 codes effective 09-30-2016: E08.321, E08.329, E08.331, E08.339, E08.341, E08.349, E08.351, E08.359, E09.321, E09.329, E09.331, E09.339, E09.341, E09.349, E09.351, E09.359, E10.321, E10.329, E10.331, E10.339, E10.341, E10.349, E10.351, E10.359, E11.321, E11.329, E11.331, E11.339, E11.341, E11.349, E11.351, E11.359, E13.321, E13.329, E13.331, E13.339, E13.341, E13.349, E13.351, E13.359, H34.811, H34.812, H34.813, H34.831, H34.832, H34.833, H35.31, H35.32, H40.11x1, H40.11x2, H40.11x3, H40.11x4 ▪ Removed ICD-10 codes: A52.15, B20, B50.0, B50.8, B51.0, B51.8, B51.9, B52.0, B52.8, B52.9, B53.0, B53.1, B53.8, C79.32, C79.49, D33.3, D57.01, D57.02, D57.211, D57.212, D57.811, D57.812, E08.00, E08.01, E08.10, E08.11, E08.21, E08.22, E08.29, E08.41, E08.42, E08.43, E08.44, E08.49, E08.610, E08.618, E08.620, E08.621, E08.622, E08.628, E08.630, E08.638, E08.641, E08.649, E08.65, E08.69, E08.8, E08.9, E09.00, E09.01, E09.10, E09.11, E09.21, E09.22, E09.29, E09.41, E09.42, E09.43, E09.44, E09.49, E09.59, E09.610, E09.618, E09.620, E09.621, E09.622, E09.628, E09.630, E09.638, E09.641, E09.649, E09.65, E09.69, E09.8, E09.9, E10.10, E10.11, E10.21, E10.22, E10.29, E10.40, E10.41, E10.42, E10.43, E10.44, E10.49, E10.59, E10.610, E10.618, E10.620, E10.621, E10.622, E10.628, E10.630, E10.638, E10.641, E10.649, E10.65, E10.69, E10.8, E10.9, E11.00, E11.01, E11.21, E11.22, E11.29, E11.40, E11.41, E11.42, E11.43, E11.44, E11.49, E11.59, E11.610, E11.618, E11.620, E11.621, E11.622, E11.628, E11.630, E11.638, E11.641, E11.649, E11.65, E11.69, E11.8, E11.9, E13.00, E13.01, E13.10, E13.11, E13.21, E13.22, E13.29, E13.40, E13.41, E13.42, E13.43, E13.44, E13.49, E13.59, E13.610, E13.618, E13.620, E13.621, E13.622, E13.628, E13.630, E13.638, E13.641, E13.649, E13.65, E13.69, E13.8, E13.9, G35, G45.3, M05.011, M05.012, M05.021, M05.022, M05.031, M05.032, M05.041, M05.042, M05.051, M05.052, M05.061, M05.062, M05.071, M05.072, M05.09, M05.111, M05.112, M05.121, M05.122, M05.131, M05.132, M05.141, M05.142, M05.151, M05.152, M05.161, M05.162, M05.171, M05.172, M05.19, M05.20, M05.211, M05.212, M05.221, M05.222, M05.231, M05.232, M05.241, M05.242, M05.249, M05.251, M05.252, M05.261, M05.262, M05.269, M05.271, M05.272, M05.279, M05.29, M05.30, M05.311, M05.312, M05.321, M05.322, M05.331, M05.332, M05.341, M05.342, M05.351, M05.352, M05.361, M05.362, M05.371, M05.372, M05.39, M05.411, M05.412, M05.421, M05.422, M05.431, M05.432, M05.441, M05.442, M05.451, M05.452, M05.461, M05.462, M05.471, M05.472, M05.49, M05.511, M05.512, M05.521, M05.522, M05.531, M05.532, M05.541, M05.542, M05.551, M05.552, M05.561, M05.562, M05.571, M05.572, M05.59, M05.60, M05.611, M05.612, M05.621, M05.622, M05.631, M05.632, M05.639,
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	<p>M05.641, M05.642, M05.651, M05.652, M05.661, M05.662, M05.671, M05.672, M05.69, M05.79, M05.811, M05.812, M05.821, M05.822, M05.831, M05.832, M05.841, M05.842, M05.851, M05.852, M05.861, M05.862, M05.871, M05.872, M05.89, M05.9, M06.011, M06.012, M06.021, M06.022, M06.031, M06.032, M06.041, M06.042, M06.051, M06.052, M06.061, M06.062, M06.071, M06.072, M06.08, M06.09, M06.1, M06.211, M06.212, M06.221, M06.222, M06.231, M06.232, M06.241, M06.242, M06.251, M06.252, M06.261, M06.262, M06.271, M06.272, M06.28, M06.29, M06.30, M06.311, M06.312, M06.321, M06.322, M06.331, M06.332, M06.341, M06.342, M06.351, M06.352, M06.361, M06.362, M06.371, M06.372, M06.38, M06.39, M06.4, M06.80, M06.811, M06.812, M06.821, M06.822, M06.831, M06.832, M06.841, M06.842, M06.851, M06.852, M06.861, M06.862, M06.871, M06.872, M06.88, M06.89, M08.00, M08.011, M08.012, M08.021, M08.022, M08.031, M08.032, M08.041, M08.042, M08.051, M08.052, M08.061, M08.062, M08.071, M08.072, M08.08, M08.09, M08.211, M08.212, M08.221, M08.222, M08.231, M08.232, M08.241, M08.242, M08.251, M08.252, M08.261, M08.262, M08.271, M08.272, M08.28, M08.29, M08.3, M08.40, M08.411, M08.412, M08.421, M08.422, M08.431, M08.432, M08.441, M08.442, M08.451, M08.452, M08.461, M08.462, M08.471, M08.472, M08.48, M08.811, M08.812, M08.821, M08.822, M08.831, M08.832, M08.841, M08.842, M08.851, M08.852, M08.861, M08.862, M08.871, M08.872, M08.88, M08.89, M08.90, M08.911, M08.912, M08.921, M08.922, M08.931, M08.932, M08.941, M08.942, M08.951, M08.952, M08.961, M08.962, M08.971, M08.972, M12.011, M12.012, M12.021, M12.022, M12.031, M12.032, M12.041, M12.042, M12.051, M12.052, M12.061, M12.062, M12.071, M12.072, M12.08, M12.09, M32.10, M32.11, M32.12, M32.13, M32.14, Q87.1, Q87.2, Q87.3, Q87.81, Q99.2.</p>
	Updated References section.
04-28-2017	<p>In Policy section:</p> <ul style="list-style-type: none"> ▪ Removed Item A 1, "Abnormal electro-oculogram (EOG)" ▪ Removed Item A 13, " Monitoring for ocular toxicity secondary to high-risk medications, i.e. chloroquine (Aralen), hydroxychloroquine (Plaquenil), Interferon alpha-2b, Amiodarone, tamoxifen citrate (Nolvadex), fingolimod (Gilenya), Seroquel"
	Updated References section.
10-01-2017	<p>In Coding section:</p> <ul style="list-style-type: none"> ▪ Added ICD-10 codes: H44.2A1, H44.2A2, H44.2A3, H44.2B1, H44.2B2, H44.2B3, H44.2C1, H44.2C2, H44.2C3, H44.2D1, H44.2D2, H44.2D3, H44.2E1, H44.2E2, H44.2E3.
11-07-2018	<p>In Coding section:</p> <ul style="list-style-type: none"> ▪ Removed ICD-9 codes. ▪ Amended ICD-10 code: E08.3391.
	Updated References section.
08-15-2019	<p>Policy posted to the bcbsks.com website on July 3, 2019, with an effective date of August 15, 2019.</p>
	<p>In Policy section:</p> <ul style="list-style-type: none"> ▪ In Item C, removed "experimental / investigational" and added "not medically necessary" to read, "Fundus photography is considered not medically necessary for all other indications."
	Remainder of policy reviewed; no other revisions made.
10-01-2020	<p>In Coding Section:</p> <ul style="list-style-type: none"> • Added: D57.03, D57.09, D57.213, D57.218, D57.813, D57.818, E70.81, E70.89 • Removed: E70.8
10-19-2021	Medical policy reviewed without changes

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Other References

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1. Published in S-09-05 Blue Shield Report effective 1-1-06.
2. Blue Cross and Blue Shield of Kansas Ophthalmology Liaison Committee Consent Ballot, December 2010.
3. Blue Cross and Blue Shield of Kansas Optometry Liaison Committee Consent Ballot, December 2010.
4. Blue Cross and Blue Shield of Kansas Ophthalmology Liaison Committee Meeting, May 2011; May 2012; May 2013; June 2016.
5. Blue Cross and Blue Shield of Kansas Optometry Liaison Committee Meeting, June 2011; May 2012; May 2013; June 2015; August 2016.
6. Blue Cross and Blue Shield of Kansas Ophthalmology / Optometry Liaison Committee, February 2017; May 2018.