

# Clinical Policy: Extended Ophthalmoscopy

Reference Number: CP.VP.26

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[Coding Implications](#)

[Revision Log](#)

See [Important Reminder](#) at the end of this policy for important regulatory and legal information.

## Description

Extended ophthalmoscopy is a method of examining the posterior portion of the eye when the level of examination requires a complete view of the back of the eye and documentation is greater than that required during routine ophthalmoscopy. This policy describes the medical necessity guidelines for extended ophthalmoscopy.

## Policy/Criteria

- I. It is the policy of health plans affiliated with Centene Corporation® (Centene) and Envolve Vision, Inc.® (Envolve) that extended ophthalmoscopy is **medically necessary** for the following indications:
  - A. Infants undergoing treatment and/or monitoring of retinopathy of prematurity;
  - B. Histoplasmosis;
  - C. Choroidal neoplasms;
  - D. Glaucoma;
  - E. Optic nerve pathology;
  - F. Diabetic retinopathy;
  - G. Hypertensive retinopathy;
  - H. Vascular occlusion;
  - I. Retinal neovascularization;
  - J. Macular pathology;
  - K. Retinal tear, thinning, schisis or detachment;
  - L. Hereditary retinal dystrophies; or
  - M. Other visible retinal disorders requiring detailed imaging for adequate documentation.
- II. It is the policy of health plans affiliated with Centene and Envolve that extended ophthalmoscopy is **not medically necessary** under the following situations:
  - A. Routine replacement of standard ophthalmoscopy with extended ophthalmoscopy to document the appearance of healthy retinal anatomy;
  - B. Duplicative documentation of retinal pathology with extended ophthalmoscopy in conjunction with fundus photography, fluorescein angiography, etc., unless the additional diagnostic procedures provide new information to assist in clinical decision-making.
  - C. Repeated performance in the presence of controlled and/or stable disease.

## Background

Extended ophthalmoscopy allows a complete view of the back of the eye. After the pupils have been dilated, views of the retina are seen with the direct ophthalmoscope, the indirect ophthalmoscope, or both. Extended ophthalmoscopy may be indicated for a wide range of posterior segment pathology. This inspection permits visualization of the optic disk, arteries, veins, retina, choroid, and media. It is usually performed with the pupil dilated, to ensure optimal examination of the retina, utilizing indirect ophthalmoscopy. It may also be performed using contact lens biomicroscopy and may use scleral depression. It is performed by the

physician when a more detailed examination (including that of the periphery) is needed, following routine ophthalmoscopy.

The direct ophthalmoscope allows the highly magnified view of the posterior portion of the retina; indirect gives a broader view that includes posterior and anterior retina and vitreous. Extended ophthalmoscopy can also be performed with a contact lens, H-ruby lens, or 90-diopter lens. One or both eyes are viewed and the duly licensed eye care provider makes a detailed drawing of views of the patient's retinas and their defects.

Extended ophthalmoscopy includes a detailed retinal drawing, (disc, macula or periphery) accompanied by an interpretation and report. The drawing should be anatomically specific to the patient and clearly labeled, and be of sufficient size, no less than 3-4 inches in diameter. The extensive scaled drawing must accurately represent normal, abnormal and common findings such as lattice degeneration, hypertensive vascular changes, proliferative diabetic retinopathy, retinal detachments, holes, tears, or tumors. Where extended ophthalmoscopy is used in defining optic nerve changes, ancillary drawings of cup to disc data elements (size, depth, rim, vessels, coloration) are required. Fundus examination elements (disc, macula, vessels, and periphery) cannot be used to simultaneously satisfy documentation requirements of evaluation and management (E&M) or eye services and extended ophthalmoscopy.

Periodic comprehensive medical eye examinations are recommended in adults without known ocular conditions or risk factors in an effort to detect ocular disease and provide early treatment, thereby preserving visual function. They are also performed periodically to evaluate new symptoms and monitor patients with previously identified eye conditions or risk factors. A comprehensive ophthalmologic evaluation may also be useful in the initial diagnosis of a number of systemic diseases such as hypertension, diabetes mellitus, and infectious diseases. Routine ophthalmoscopy is part of general and special ophthalmologic services when indicated and is useful for viewing the vitreous humor, retina, optic nerve, retinal veins and arteries, and associated structures.

### **Coding Implications**

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| <b>CPT®<br/>Codes</b> | <b>Description</b>                                                                                                                                                                                                      |
|-----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 92201                 | Ophthalmoscopy, extended; with retinal drawing and scleral depression of peripheral retinal disease (e.g., for retinal tear, retinal detachment, retinal tumor) with interpretation and report, unilateral or bilateral |
| 92202                 | Ophthalmoscopy, extended; with drawing of optic nerve or macula (e.g., for glaucoma, macular pathology, tumor) with interpretation and report, unilateral or bilateral                                                  |

**ICD-10-CM Diagnosis Codes that Support Coverage Criteria**

+ Indicates a code requiring an additional character

| ICD-10-CM Code | Description                                                                                                                        |
|----------------|------------------------------------------------------------------------------------------------------------------------------------|
| A18.53         | Tuberculous chorioretinitis                                                                                                        |
| A18.54         | Tuberculous iridocyclitis                                                                                                          |
| B39.4          | Histoplasmosis capsulati, unspecified                                                                                              |
| B39.5          | Histoplasmosis duboisii                                                                                                            |
| B58.01         | Toxoplasma chorioretinitis                                                                                                         |
| 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                                                                                            |
| C72.31         | Malignant neoplasm of right optic nerve                                                                                            |
| C72.32         | Malignant neoplasm of left optic nerve                                                                                             |
| C72.59         | Malignant neoplasm of other cranial nerves                                                                                         |
| 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                                                                                               |
| D33.3          | Benign neoplasm of cranial nerves                                                                                                  |
| 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 |

| ICD-10-CM Code | Description                                                                                                                                                                      |
|----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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 |

| ICD-10-CM Code | Description                                                                                                                                                                      |
|----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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                                                           |
| E08.37X1       | Diabetes mellitus due to underlying condition with diabetic macular edema, resolved following treatment, right eye                                                               |
| E08.37X2       | Diabetes mellitus due to underlying condition with diabetic macular edema, resolved following treatment, left eye                                                                |
| E08.37X3       | Diabetes mellitus due to underlying condition with diabetic macular edema, resolved following treatment, bilateral                                                               |
| 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                                                      |
| E09.3292       | Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, left eye                                                       |
| 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                                                     |
| E09.3312       | Drug or chemical induced diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, left eye                                                      |
| 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                                                  |

| ICD-10-CM Code | Description                                                                                                                                                                   |
|----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| E09.3392       | Drug or chemical induced diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, left eye                                                |
| 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                                                    |
| E09.3412       | Drug or chemical induced diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, left eye                                                     |
| 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                       |
| E09.3532       | Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, left eye                        |
| 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 |



| ICD-10-CM Code | Description                                                                                                                                                                   |
|----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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                                                           |
| E09.37X1       | Drug or chemical induced diabetes mellitus with diabetic macular edema, resolved following treatment, right eye                                                               |
| E09.37X2       | Drug or chemical induced diabetes mellitus with diabetic macular edema, resolved following treatment, left eye                                                                |
| E09.37X3       | Drug or chemical induced diabetes mellitus with diabetic macular edema, resolved following treatment, bilateral                                                               |
| 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                                                                         |
| E10.3213       | Type 1 diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, bilateral                                                                        |
| E10.3291       | Type 1 diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, right eye                                                                     |
| E10.3292       | Type 1 diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, left eye                                                                      |
| E10.3293       | Type 1 diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, bilateral                                                                     |
| E10.3311       | Type 1 diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, right eye                                                                    |
| E10.3312       | Type 1 diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, left eye                                                                     |
| E10.3313       | Type 1 diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, bilateral                                                                    |
| E10.3391       | Type 1 diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, right eye                                                                 |

| ICD-10-CM Code | Description                                                                                                                                                 |
|----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| E10.3392       | Type 1 diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, left eye                                                |
| E10.3393       | Type 1 diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, bilateral                                               |
| E10.3411       | Type 1 diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, right eye                                                    |
| E10.3412       | Type 1 diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, left eye                                                     |
| E10.3413       | Type 1 diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, bilateral                                                    |
| E10.3491       | Type 1 diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, right eye                                                 |
| E10.3492       | Type 1 diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, left eye                                                  |
| E10.3493       | Type 1 diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, bilateral                                                 |
| E10.3511       | Type 1 diabetes mellitus with proliferative diabetic retinopathy with macular edema, right eye                                                              |
| E10.3512       | Type 1 diabetes mellitus with proliferative diabetic retinopathy with macular edema, left eye                                                               |
| E10.3513       | Type 1 diabetes mellitus with proliferative diabetic retinopathy with macular edema, bilateral                                                              |
| E10.3521       | Type 1 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, right eye                           |
| E10.3522       | Type 1 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, left eye                            |
| 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 |



| ICD-10-CM Code | Description                                                                                                   |
|----------------|---------------------------------------------------------------------------------------------------------------|
| 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             |
| E10.37X1       | Type 1 diabetes mellitus with diabetic macular edema, resolved following treatment, right eye                 |
| E10.37X2       | Type 1 diabetes mellitus with diabetic macular edema, resolved following treatment, left eye                  |
| E10.37X3       | Type 1 diabetes mellitus with diabetic macular edema, resolved following treatment, bilateral                 |
| 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        |
| E11.3291       | Type 2 diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, right eye     |
| E11.3292       | Type 2 diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, left eye      |
| E11.3293       | Type 2 diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, bilateral     |
| E11.3311       | Type 2 diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, right eye    |
| E11.3312       | Type 2 diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, left eye     |
| E11.3313       | Type 2 diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, bilateral    |
| E11.3391       | Type 2 diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, right eye |
| E11.3392       | Type 2 diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, left eye  |
| 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      |

| ICD-10-CM Code | Description                                                                                                                                                 |
|----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| E11.3412       | Type 2 diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, left eye                                                     |
| E11.3413       | Type 2 diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, bilateral                                                    |
| E11.3491       | Type 2 diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, right eye                                                 |
| E11.3492       | Type 2 diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, left eye                                                  |
| 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 |
| E11.3542       | Type 2 diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, left eye  |
| 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                                                                          |

| ICD-10-CM Code | Description                                                                                                            |
|----------------|------------------------------------------------------------------------------------------------------------------------|
| 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                      |
| E11.37X1       | Type 2 diabetes mellitus with diabetic macular edema, resolved following treatment, right eye                          |
| E11.37X2       | Type 2 diabetes mellitus with diabetic macular edema, resolved following treatment, left eye                           |
| E11.37X3       | Type 2 diabetes mellitus with diabetic macular edema, resolved following treatment, bilateral                          |
| 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    |
| E13.3312       | Other specified diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, left eye     |
| E13.3313       | Other specified diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, bilateral    |
| E13.3391       | Other specified diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, right eye |
| E13.3392       | Other specified diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, left eye  |
| E13.3393       | Other specified diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, bilateral |
| E13.3411       | Other specified diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, right eye      |
| E13.3412       | Other specified diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, left eye       |
| 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   |

| ICD-10-CM Code | Description                                                                                                                                                          |
|----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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                                                           |
| G45.3          | Amaurosis fugax                                                                                                                                                      |

| ICD-10-CM Code | Description                                                             |
|----------------|-------------------------------------------------------------------------|
| H15.031        | Posterior scleritis, right eye                                          |
| H15.032        | Posterior scleritis, left eye                                           |
| H15.033        | Posterior scleritis, bilateral                                          |
| H16.241        | Ophthalmia nodosa, right eye                                            |
| H16.242        | Ophthalmia nodosa, left eye                                             |
| H16.243        | Ophthalmia nodosa, bilateral                                            |
| H20.011        | Primary iridocyclitis, right eye                                        |
| H20.012        | Primary iridocyclitis, left eye                                         |
| H20.013        | Primary iridocyclitis, bilateral                                        |
| H20.021        | Recurrent acute iridocyclitis, right eye                                |
| H20.022        | Recurrent acute iridocyclitis, left eye                                 |
| H20.023        | Recurrent acute iridocyclitis, bilateral                                |
| H20.031        | Secondary infectious iridocyclitis, right eye                           |
| H20.032        | Secondary infectious iridocyclitis, left eye                            |
| H20.033        | Secondary infectious iridocyclitis, bilateral                           |
| H20.041        | Secondary noninfectious iridocyclitis, right eye                        |
| H20.042        | Secondary noninfectious iridocyclitis, left eye                         |
| H20.043        | Secondary noninfectious iridocyclitis, bilateral                        |
| H20.11         | Chronic iridocyclitis, right eye                                        |
| H20.12         | Chronic iridocyclitis, left eye                                         |
| H20.13         | Chronic iridocyclitis, bilateral                                        |
| H20.21         | Lens-induced iridocyclitis, right eye                                   |
| H20.22         | Lens-induced iridocyclitis, left eye                                    |
| H20.23         | Lens-induced iridocyclitis, bilateral                                   |
| H20.811        | Fuchs' heterochromic cyclitis, right eye                                |
| H20.812        | Fuchs' heterochromic cyclitis, left eye                                 |
| H20.813        | Fuchs' heterochromic cyclitis, bilateral                                |
| H20.821        | Vogt-Koyanagi syndrome, right eye                                       |
| H20.822        | Vogt-Koyanagi syndrome, left eye                                        |
| H20.823        | Vogt-Koyanagi syndrome, bilateral                                       |
| H20.01         | Hyphema, right eye                                                      |
| H20.02         | Hyphema, left eye                                                       |
| H20.03         | Hyphema, bilateral                                                      |
| H21.301        | Idiopathic cysts of iris, ciliary body or anterior chamber, right eye   |
| H21.302        | Idiopathic cysts of iris, ciliary body or anterior chamber, left eye    |
| H21.303        | Idiopathic cysts of iris, ciliary body or anterior chamber, bilateral   |
| H21.311        | Exudative cysts of iris or anterior chamber, right eye                  |
| H21.312        | Exudative cysts of iris or anterior chamber, left eye                   |
| H21.313        | Exudative cysts of iris or anterior chamber, bilateral                  |
| H21.321        | Implantation cysts of iris, ciliary body or anterior chamber, right eye |
| H21.322        | Implantation cysts of iris, ciliary body or anterior chamber, left eye  |
| H21.323        | Implantation cysts of iris, ciliary body or anterior chamber, bilateral |
| H21.331        | Parasitic cyst of iris, ciliary body or anterior chamber, right eye     |

| ICD-10-CM Code | Description                                                          |
|----------------|----------------------------------------------------------------------|
| 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  |
| H21.341        | Primary cyst of pars plana, right eye                                |
| H21.342        | Primary cyst of pars plana, left eye                                 |
| H21.343        | Primary cyst of pars plana, bilateral                                |
| H21.351        | Exudative cyst of pars plana, right eye                              |
| H21.352        | Exudative cyst of pars plana, left eye                               |
| H21.353        | Exudative cyst of pars plana, bilateral                              |
| H21.531        | Iridodialysis, right eye                                             |
| H21.532        | Iridodialysis, left eye                                              |
| H21.533        | Iridodialysis, bilateral                                             |
| H21.541        | Posterior synechiae (iris), right eye                                |
| H21.542        | Posterior synechiae (iris), left eye                                 |
| H21.543        | Posterior synechiae (iris), bilateral                                |
| H21.551        | Recession of chamber angle, right eye                                |
| H21.552        | Recession of chamber angle, left eye                                 |
| H21.553        | Recession of chamber angle, 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                             |
| H30.011        | 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  |
| H30.111        | 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       |



| ICD-10-CM Code | Description                                                                   |
|----------------|-------------------------------------------------------------------------------|
| 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                                                   |
| 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                                                  |
| H31.111        | 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                               |
| H31.21         | Choroideremia                                                                 |
| H31.22         | Choroidal dystrophy (central areolar) (generalized) (peripapillary)           |
| H31.23         | Gyrate atrophy, choroid                                                       |
| 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                                                  |
| H31.411        | 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                                        |
| 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                               |

| ICD-10-CM Code | Description                                              |
|----------------|----------------------------------------------------------|
| 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                      |
| H33.111        | Cyst of ora serrata, right eye                           |
| H33.112        | Cyst of ora serrata, left eye                            |
| H33.113        | Cyst of ora serrata, bilateral                           |
| H33.121        | Parasitic cyst of retina, right eye                      |
| H33.122        | Parasitic cyst of retina, left eye                       |
| H33.123        | Parasitic cyst of retina, bilateral                      |
| H33.21         | Serous retinal detachment, right eye                     |
| H33.22         | Serous retinal detachment, left eye                      |
| H33.23         | Serous retinal detachment, 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                 |
| 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               |

| ICD-10-CM Code | Description                                                                           |
|----------------|---------------------------------------------------------------------------------------|
| 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                          |
| 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                                                          |

| ICD-10-CM Code | Description                                                                                               |
|----------------|-----------------------------------------------------------------------------------------------------------|
| H35.063        | Retinal vasculitis, bilateral                                                                             |
| H35.071        | Retinal telangiectasis, right eye                                                                         |
| H35.072        | Retinal telangiectasis, left eye                                                                          |
| H35.073        | Retinal telangiectasis, 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                                                   |
| H35.3111       | 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 without subfoveal involvement |
| H35.3114       | Nonexudative age-related macular degeneration, right eye, advanced atrophic with subfoveal involvement    |
| H35.3121       | Nonexudative age-related macular degeneration, left eye, early dry stage                                  |
| H35.3122       | Nonexudative age-related macular degeneration, left eye, intermediate dry stage                           |
| H35.3123       | 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     |

| ICD-10-CM Code | Description                                                                                               |
|----------------|-----------------------------------------------------------------------------------------------------------|
| 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    |
| H35.3211       | 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                                 |
| H35.3221       | 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                                  |
| H35.3231       | 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                                                                              |
| H35.411        | 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                                                             |

| ICD-10-CM Code | Description                                                     |
|----------------|-----------------------------------------------------------------|
| 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                 |
| H35.51         | Vitreoretinal dystrophy                                         |
| H35.52         | Pigmentary retinal dystrophy                                    |
| 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                                   |
| H35.711        | 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                                                |
| H36.811        | Nonproliferative sickle-cell retinopathy, right eye             |
| H36.812        | Nonproliferative sickle-cell retinopathy, left eye              |
| H36.813        | Nonproliferative sickle-cell retinopathy, bilateral             |
| H36.821        | Proliferative sickle-cell retinopathy, right eye                |
| H36.822        | Proliferative sickle-cell retinopathy, left eye                 |
| H36.823        | Proliferative sickle-cell retinopathy, 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                              |



| ICD-10-CM Code | Description                                                                 |
|----------------|-----------------------------------------------------------------------------|
| 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                    |
| H40.1111       | 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                        |
| H40.1121       | 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                         |
| H40.1131       | Primary open-angle glaucoma, bilateral, mild stage                          |
| H40.1132       | Primary open angle glaucoma, bilateral, moderate stage                      |
| H40.1133       | Primary open angle glaucoma, bilateral, severe stage                        |
| 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                               |
| H40.1221       | 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                                |
| H40.1231       | Low-tension glaucoma, bilateral, mild stage                                 |
| H40.1232       | Low-tension glaucoma, bilateral, moderate stage                             |
| H40.1233       | Low-tension glaucoma, bilateral, severe 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                                 |
| H40.1331       | Pigmentary glaucoma, bilateral, mild stage                                  |
| H40.1332       | Pigmentary glaucoma, bilateral, moderate stage                              |
| H40.1333       | Pigmentary glaucoma, bilateral, severe stage                                |
| H40.1411       | Capsular glaucoma with pseudoexfoliation of lens, right eye, mild stage     |
| H40.1412       | Capsular glaucoma with pseudoexfoliation of lens, right eye, moderate stage |
| H40.1413       | Capsular glaucoma with pseudoexfoliation of lens, right eye, severe stage   |
| H40.1421       | Capsular glaucoma with pseudoexfoliation of lens, left eye, mild stage      |

| ICD-10-CM Code | Description                                                                 |
|----------------|-----------------------------------------------------------------------------|
| H40.1422       | Capsular glaucoma with pseudoexfoliation of lens, left eye, moderate stage  |
| H40.1423       | Capsular glaucoma with pseudoexfoliation of lens, left eye, severe stage    |
| H40.1431       | Capsular glaucoma with pseudoexfoliation of lens, bilateral, mild stage     |
| H40.1432       | Capsular glaucoma with pseudoexfoliation of lens, bilateral, moderate stage |
| H40.1433       | Capsular glaucoma with pseudoexfoliation of lens, bilateral, severe stage   |
| H40.151        | Residual stage of open-angle glaucoma, right eye                            |
| H40.152        | Residual stage of open-angle glaucoma, left eye                             |
| H40.153        | Residual stage of open-angle glaucoma, bilateral                            |
| 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                     |
| H40.2221       | 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                      |
| H40.2231       | 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                     |
| H40.231        | 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                   |
| H40.32X1       | 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                    |
| H40.33X1       | 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                   |
| H40.41X1       | 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             |
| H40.42X1       | 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              |

| ICD-10-CM Code | Description                                                          |
|----------------|----------------------------------------------------------------------|
| 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      |
| H40.51X1       | 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   |
| H40.52X1       | 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    |
| H40.53X1       | 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   |
| H40.61X1       | 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                 |
| H40.62X1       | 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                  |
| H40.63X1       | 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                 |
| H40.811        | 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        |
| H40.821        | Hypersecretion glaucoma, right eye                                   |
| H40.822        | Hypersecretion glaucoma, left eye                                    |
| H40.823        | Hypersecretion glaucoma, bilateral                                   |
| H40.831        | Aqueous misdirection, right eye                                      |
| H40.832        | Aqueous misdirection, left eye                                       |
| H40.833        | Aqueous misdirection, bilateral                                      |
| H40.841        | Neovascular secondary angle closure glaucoma, right eye              |
| H40.842        | Neovascular secondary angle closure glaucoma, left eye               |
| H40.843        | Neovascular secondary angle closure glaucoma, bilateral              |
| 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                            |

| ICD-10-CM Code | Description                                                      |
|----------------|------------------------------------------------------------------|
| H43.312        | Vitreous membranes and strands, left eye                         |
| H43.313        | Vitreous membranes and strands, 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                                |
| 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                                   |
| H44.21         | Degenerative myopia, right eye                                   |
| H44.22         | Degenerative myopia, left eye                                    |
| H44.23         | Degenerative myopia, bilateral                                   |
| 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 |
| 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                 |
| 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           |
| H44.2D1        | Degenerative myopia with foveoschisis, right eye                 |
| H44.2D2        | Degenerative myopia with foveoschisis, left eye                  |
| H44.2D3        | Degenerative myopia with foveoschisis, bilateral                 |
| H44.2E1        | Degenerative myopia with other maculopathy, right eye            |
| H44.2E2        | Degenerative myopia with other maculopathy, left eye             |

| ICD-10-CM Code | Description                                                                |
|----------------|----------------------------------------------------------------------------|
| H44.2E3        | Degenerative myopia with other maculopathy, bilateral                      |
| 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                                                |
| H44.411        | 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                                         |
| H44.511        | 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                                                      |
| H44.611        | 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           |

| ICD-10-CM Code | Description                                                                                 |
|----------------|---------------------------------------------------------------------------------------------|
| 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    |
| H44.711        | 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                                                                |
| 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                                                              |



| ICD-10-CM Code | Description                                                  |
|----------------|--------------------------------------------------------------|
| H46.13         | Retrobulbar neuritis, bilateral                              |
| H46.2          | Nutritional optic neuropathy                                 |
| H46.3          | Toxic optic neuropathy                                       |
| 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                            |
| H47.11         | 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                        |
| H47.311        | 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                   |
| H47.41         | 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        |
| H53.121        | Transient visual loss, right eye                             |
| H53.122        | Transient visual loss, left eye                              |
| H53.123        | Transient visual loss, bilateral                             |
| H53.131        | Sudden visual loss, right eye                                |
| H53.132        | Sudden visual loss, left eye                                 |

| ICD-10-CM Code | Description                                                                 |
|----------------|-----------------------------------------------------------------------------|
| H53.133        | Sudden visual loss, bilateral                                               |
| H59.021        | Cataract (lens) fragments in eye following cataract surgery, right eye      |
| H59.022        | Cataract (lens) fragments in eye following cataract surgery, left eye       |
| H59.023        | Cataract (lens) fragments in eye following cataract surgery, bilateral      |
| H59.031        | Cystoid macular edema following cataract surgery, right eye                 |
| H59.032        | Cystoid macular edema following cataract surgery, left eye                  |
| H59.033        | Cystoid macular edema following cataract surgery, bilateral                 |
| P07.01         | Extremely low birth weight newborn, less than 500 grams                     |
| P07.02         | Extremely low birth weight newborn, 500-749 grams                           |
| P07.03         | Extremely low birth weight newborn, 750-999 grams                           |
| P07.14         | Other low birth weight newborn, 1000-1249 grams                             |
| P07.15         | Other low birth weight newborn, 1250-1499 grams                             |
| P07.16         | Other low birth weight newborn, 1500-1749 grams                             |
| P07.17         | Other low birth weight newborn, 1750-1999 grams                             |
| P07.18         | Other low birth weight newborn, 2000-2499 grams                             |
| P07.21         | Extreme immaturity of newborn, gestational age less than 23 completed weeks |
| P07.22         | Extreme immaturity of newborn, gestational age 23 completed weeks           |
| P07.23         | Extreme immaturity of newborn, gestational age 24 completed weeks           |
| P07.24         | Extreme immaturity of newborn, gestational age 25 completed weeks           |
| P07.25         | Extreme immaturity of newborn, gestational age 26 completed weeks           |
| P07.26         | Extreme immaturity of newborn, gestational age 27 completed weeks           |
| P07.31         | Preterm newborn, gestational age 28 completed weeks                         |
| P07.32         | Preterm newborn, gestational age 29 completed weeks                         |
| P07.33         | Preterm newborn, gestational age 30 completed weeks                         |
| P07.34         | Preterm newborn, gestational age 31 completed weeks                         |
| P07.35         | Preterm newborn, gestational age 32 completed weeks                         |
| P07.36         | Preterm newborn, gestational age 33 completed weeks                         |
| P07.37         | Preterm newborn, gestational age 34 completed weeks                         |
| P07.38         | Preterm newborn, gestational age 35 completed weeks                         |
| P07.39         | Preterm newborn, gestational age 36 completed weeks                         |
| 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                  |
| Q14.9          | Congenital malformation of posterior segment of eye, unspecified            |
| Q15.0          | Congenital glaucoma                                                         |
| Q85.01         | Neurofibromatosis, type 1                                                   |
| Q85.02         | Neurofibromatosis, type 2                                                   |
| Q85.03         | Schwannomatosis                                                             |
| Q85.1          | Tuberous sclerosis                                                          |
| Q85.8          | Other phakomatoses, not elsewhere classified                                |

| ICD-10-CM Code | Description                                                                                                |
|----------------|------------------------------------------------------------------------------------------------------------|
| Q85.9          | Phakomatosis, unspecified                                                                                  |
| Q87.42         | Marfan's syndrome with ocular manifestations                                                               |
| S05.11XA       | Contusion of eyeball and orbital tissues right eye initial encounter                                       |
| S05.11XD       | Contusion of eyeball and orbital tissues right eye subsequent encounter                                    |
| S05.11XS       | Contusion of eyeball and orbital tissues right eye sequela                                                 |
| S05.12XA       | Contusion of eyeball and orbital tissues left eye initial encounter                                        |
| S05.12XD       | Contusion of eyeball and orbital tissues left eye subsequent encounter                                     |
| S05.12XS       | Contusion of eyeball and orbital tissues left eye sequela                                                  |
| S05.21XA       | Ocular laceration and rupture with prolapse or loss of intraocular tissue, right eye, initial encounter    |
| S05.21XD       | Ocular laceration and rupture with prolapse or loss of intraocular tissue, right eye, subsequent encounter |
| S05.21XS       | Ocular laceration and rupture with prolapse or loss of intraocular tissue, right eye, sequela              |
| S05.22XA       | Ocular laceration and rupture with prolapse or loss of intraocular tissue, left eye, initial encounter     |
| S05.22XD       | Ocular laceration and rupture with prolapse or loss of intraocular tissue, left eye, subsequent encounter  |
| S05.22XS       | Ocular laceration and rupture with prolapse or loss of intraocular tissue, left eye, sequela               |
| S05.31XA       | Ocular laceration without prolapse or loss of intraocular tissue, right eye, initial encounter             |
| S05.31XD       | Ocular laceration without prolapse or loss of intraocular tissue, right eye, subsequent encounter          |
| S05.31XS       | Ocular laceration without prolapse or loss of intraocular tissue, right eye, sequela                       |
| S05.32XA       | Ocular laceration without prolapse or loss of intraocular tissue, left eye, initial encounter              |
| S05.32XD       | Ocular laceration without prolapse or loss of intraocular tissue, left eye, subsequent encounter           |
| S05.32XS       | Ocular laceration without prolapse or loss of intraocular tissue, left eye, sequela                        |
| S05.41XA       | Penetrating wound of orbit with or without foreign body, right eye, initial encounter                      |
| S05.41XD       | Penetrating wound of orbit with or without foreign body, right eye, subsequent encounter                   |
| S05.41XS       | Penetrating wound of orbit with or without foreign body, right eye, sequela                                |
| S05.42XA       | Penetrating wound of orbit with or without foreign body, left eye, initial encounter                       |
| S05.42XD       | Penetrating wound of orbit with or without foreign body, left eye, subsequent encounter                    |
| S05.42XS       | Penetrating wound of orbit with or without foreign body, left eye, sequela                                 |

| ICD-10-CM Code | Description                                                                   |
|----------------|-------------------------------------------------------------------------------|
| S05.51XA       | Penetrating wound with foreign body of right eyeball, initial encounter       |
| S05.51XD       | Penetrating wound with foreign body of right eyeball, subsequent encounter    |
| S05.51XS       | Penetrating wound with foreign body of right eyeball, sequela                 |
| S05.52XA       | Penetrating wound with foreign body of left eyeball, initial encounter        |
| S05.52XD       | Penetrating wound with foreign body of left eyeball, subsequent encounter     |
| S05.52XS       | Penetrating wound with foreign body of left eyeball, sequela                  |
| S05.61XA       | Penetrating wound without foreign body or right eyeball, initial encounter    |
| S05.61XD       | Penetrating wound without foreign body or right eyeball, subsequent encounter |
| S05.61XS       | Penetrating wound without foreign body or right eyeball, sequela              |
| S05.62XA       | Penetrating wound without foreign body or left eyeball, initial encounter     |
| S05.62XD       | Penetrating wound without foreign body or left eyeball, subsequent encounter  |
| S05.62XS       | Penetrating wound without foreign body or left eyeball, sequela               |
| T74.4XXA       | Shaken infant syndrome, initial encounter                                     |
| T74.4XXD       | Shaken infant syndrome, subsequent encounter                                  |
| T74.4XXS       | Shaken infant syndrome, sequela                                               |
| T85.22XA       | Displacement of intraocular lens, initial encounter                           |
| T85.22XD       | Displacement of intraocular lens, subsequent encounter                        |
| T85.22XS       | Displacement of intraocular lens, sequela                                     |

| Reviews, Revisions, and Approvals                                                                                                                             | Date    | Approval Date |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|---------------|
| Original approval date                                                                                                                                        | 01/2020 | 01/2020       |
| Converted to new template                                                                                                                                     | 07/2020 | 10/2020       |
| Annual Review; Updated references                                                                                                                             | 12/2020 | 12/2020       |
| Annual Review; Updated medical indications to include iridocyclitis related diagnoses, premature birth, penetrating orbital wounds and shaken infant syndrome | 12/2021 | 01/2022       |
| Annual Review                                                                                                                                                 | 11/2022 | 12/2022       |
| Updated medically indicated diagnoses to include new ICD-10 codes for sickle-cell retinopathy.                                                                | 11/2023 | 12/2023       |
| Annual Review                                                                                                                                                 | 11/2024 | 12/2024       |
| Updated coding to include newly published ICD-10 codes for neovascular secondary angle closure glaucoma; Updated References                                   | 08/2025 | 10/2025       |

## References

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### **Important Reminder**

This clinical policy has been developed by appropriately experienced and licensed health care professionals based on a review and consideration of currently available generally accepted standards of medical practice; peer-reviewed medical literature; government agency/program approval status; evidence-based guidelines and positions of leading national health professional organizations; views of physicians practicing in relevant clinical areas affected by this clinical policy; and other available clinical information. The Health Plan makes no representations and accepts no liability with respect to the content of any external information used or relied upon in developing this clinical policy. This clinical policy is consistent with standards of medical practice current at the time that this clinical policy was approved. “Health Plan” means a health plan that has adopted this clinical policy and that is operated or administered, in whole or in part, by Centene Management Company, LLC, or any of such health plan’s affiliates, as applicable.

The purpose of this clinical policy is to provide a guide to medical necessity, which is a component of the guidelines used to assist in making coverage decisions and administering benefits. It does not constitute a contract or guarantee regarding payment or results. Coverage decisions and the administration of benefits are subject to all terms, conditions, exclusions and limitations of the coverage documents (e.g., evidence of coverage, certificate of coverage, policy, contract of insurance, etc.), as well as to state and federal requirements and applicable Health Plan-level administrative policies and procedures.

This clinical policy is effective as of the date determined by the Health Plan. The date of posting may not be the effective date of this clinical policy. This clinical policy may be subject to applicable legal and regulatory requirements relating to provider notification. If there is a discrepancy between the effective date of this clinical policy and any applicable legal or regulatory requirement, the requirements of law and regulation shall govern. The Health Plan retains the right to change, amend or withdraw this clinical policy, and additional clinical policies may be developed and adopted as needed, at any time.

This clinical policy does not constitute medical advice, medical treatment or medical care. It is not intended to dictate to providers how to practice medicine. Providers are expected to exercise professional medical judgment in providing the most appropriate care, and are solely responsible for the medical advice and treatment of members. This clinical policy is not intended to recommend treatment for members. Members should consult with their treating physician in connection with diagnosis and treatment decisions.

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**Note: For Medicaid members,** when state Medicaid coverage provisions conflict with the coverage provisions in this clinical policy, state Medicaid coverage provisions take precedence. Please refer to the state Medicaid manual for any coverage provisions pertaining to this clinical policy.

**Note: For Medicare members,** to ensure consistency with the Medicare National Coverage Determinations (NCD) and Local Coverage Determinations (LCD), all applicable NCDs, LCDs, and Medicare Coverage Articles should be reviewed prior to applying the criteria set forth in this clinical policy. Refer to the CMS website at <https://www.cms.gov> for additional information.

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