

Clinical Policy: Fundus Photography

Reference Number: CP.VP.29

Last Review Date: 11/2023

[Coding Implications](#)

[Revision Log](#)

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

Description

Fundus photography involves the use of a retinal camera to photograph regions of the vitreous, retina, choroid, and optic nerve. The resultant images may be either photographic or digital and become part of the patient's permanent record. Fundus photographs are usually taken through a dilated pupil in order to enhance the quality of the photographic record, unless unnecessary for image acquisition or clinically contraindicated. This policy describes the medical necessity guidelines for fundus photography.

Policy/Criteria

- I. It is the policy of health plans affiliated with Centene Corporation[®] (Centene) and Envolve Vision, Inc.[®] (Envolve) that fundus photography is **medically necessary** for the following indications:
 - A. Histoplasmosis
 - B. Choroidal neoplasms
 - C. Glaucoma
 - D. Optic nerve pathology
 - E. Diabetic retinopathy
 - F. Hypertensive retinopathy
 - G. Vascular occlusion
 - H. Retinal neovascularization
 - I. Macular pathology
 - J. Retinal tear, thinning, schisis or detachment
 - K. Hereditary retinal dystrophies
 - L. Other visible retinal disorders requiring detailed imaging for adequate documentation

- II. It is the policy of health plans affiliated with Centene and Envolve that fundus photography is **not medically necessary** under the following situations:
 - A. Routine replacement of standard ophthalmoscopy with fundus photography to document the appearance of healthy retinal anatomy;
 - B. Duplicative documentation of retinal pathology with fundus photography in conjunction with extended ophthalmoscopy, 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

The optical design of fundus cameras is based on the principle of monocular indirect ophthalmoscopy. A fundus camera provides an upright, magnified view of the fundus. A typical camera views 30 to 50° of retinal area, with a magnification of 2.5x, and allows some modification of this relationship through zoom or auxiliary lenses from 15°, which provides 5x magnification, to 140° with a wide angle lens, which minifies the image by half. The optics of a

fundus camera are similar to those of an indirect ophthalmoscope in that the observation and illumination systems follow dissimilar paths. The observation light is focused via a series of lenses through a doughnut shaped aperture, which then passes through a central aperture to form an annulus, before passing through the camera objective lens and through the cornea onto the retina. The light reflected from the retina passes through the un-illuminated hole in the doughnut formed by the illumination system. As the light paths of the two systems are independent, there are minimal reflections of the light source captured in the formed image. The image forming rays continue towards the low powered telescopic eyepiece. When the button is pressed to take a picture, a mirror interrupts the path of the illumination system allow the light from the flash bulb to pass into the eye. Simultaneously, a mirror falls in front of the observation telescope, which redirects the light onto the capturing medium, whether it is film or a digital CCD. Because of the eye's tendency to accommodate while looking through a telescope, it is imperative that the exiting vergence is parallel in order for an in-focus image to be formed on the capturing medium.

Fundus photography should be employed only when photographic documentation is necessary to the ongoing management of the specific ocular disease process affecting the patient. Fundus photography or similar scanning laser image shall not replace a thorough fundus exam through dilated pupils. Fundus photography may not be used as a screening tool, except in the case of teleretinal evaluation for diabetic retinopathy when the patient is non-compliant with diabetic eye examinations. However, it is preferred that the patient establish a relationship with an eye care provider and receive a comprehensive diabetic eye evaluation. See policy CP.VP.88 Diabetic Retinopathy Screening.

In fundus autofluorescence, autofluorescent patterns result from the complex interaction of fluorophores such a lipofuscin, which release an autofluorescent signal, and elements such as melanin and rhodopsin, which absorb the excitation beam and attenuate autofluorescence. Other structures such as retinal vessels and the crystalline lens may also influence autofluorescence through blocking and interference. Spatial variations in normal background autofluorescence reflect the distribution of lipofuscin and other fluorophores, which in turn reflect the distribution of photoreceptors and RPE cells. Meanwhile, the overall intensity of the autofluorescent signal is determined by individual factors such as age, light exposure, genotype, etc.

A large portion of hyper-autofluorescent lesions results from alterations in lipofuscin metabolism. Accumulation of lipofuscin in RPE cells, accumulation of bisretinoids in photoreceptor outer segments, and photooxidation of bisretinoids in lipofuscin can all contribute to enhanced autofluorescence. Specific mechanisms vary by disease, ranging from the inability to clear bisretinoids from photoreceptor cells in Stargardt disease to superimposed RPE cells in geographic atrophy (GA) of age-related macular degeneration (AMD). Accumulation of subretinal vitelliform material in Best disease, adult onset vitelliform maculopathy, and other acquired vitelliform disorders is another classic etiology of hyper-autofluorescence. Hyper-autofluorescence can also result from a window defect due to loss of rhodopsin, which normally absorbs the excitation wavelength and decreases autofluorescence. Rhodopsin attenuation and hyper-autofluorescence can occur physiologically as seen in the bleaching effect. In disease, photoreceptor degeneration and loss of rhodopsin un.masks the autofluorescent signal of the underlying RPE, creating hyper-autofluorescent lesions such as in white dot syndromes and other

CLINICAL POLICY

Fundus Photography

pathologies. Fluorophores other than lipofuscin, including optic disc drusen, can also form hyper-autofluorescent lesions.

In contrast, hypo-autofluorescence can arise from decreased lipofuscin or blockage by material anterior to the RPE/photoreceptors. Perhaps the most striking example of hypo-autofluorescence due to decreased lipofuscin is the absence of autofluorescence at the site of RPE tears, where the RPE is completely denuded. Other pathologies involving decreased lipofuscin include RPE atrophy in GA and visual cycle defects in fundus albipunctatus. Meanwhile, blockage can occur from any material anterior to the RPE/photoreceptors, including physiologic structures such as blood vessels and macular pigments, and pathologic structures such as media opacities, intraretinal or subretinal hemorrhage, and fibrosis.

Coding Implications

This clinical policy references Current Procedural Terminology (CPT[®]). CPT[®] is a registered trademark of the American Medical Association. All CPT codes and descriptions are copyrighted 2023, American Medical Association. All rights reserved. CPT codes and CPT descriptions are from the current manuals and those included herein are not intended to be all-inclusive and are included for informational purposes only. Codes referenced in this clinical policy are for informational purposes only. Inclusion or exclusion of any codes does not guarantee coverage. Providers should reference the most up-to-date sources of professional coding guidance prior to the submission of claims for reimbursement of covered services.

| CPT [®] Codes | Description |
|------------------------|---|
| 92250 | Fundus photography with interpretation and report |

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 |
| A51.43 | Secondary syphilitic ophthalmopathy |
| A52.15 | Late syphilitic neuropathy |
| B20 | Human immunodeficiency virus [HIV] disease |
| B25.8 | Other cytomegaloviral diseases |
| 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 |
| C69.61 | Malignant neoplasm of right orbit |
| C69.62 | Malignant neoplasm of left orbit |

CLINICAL POLICY
Fundus Photography

| ICD-10-CM Code | Description |
|----------------|--|
| C69.81 | Malignant neoplasm of overlapping sites of right eye and adnexa |
| C69.82 | Malignant neoplasm of overlapping sites of left eye and adnexa |
| C72.31 | Malignant neoplasm of right optic nerve |
| C72.32 | Malignant neoplasm of left optic nerve |
| C72.59 | Malignant neoplasm of other cranial nerves |
| D09.21 | Carcinoma in situ of right eye |
| D09.22 | Carcinoma in situ of left eye |
| D31.21 | Benign neoplasm of right retina |
| D31.22 | Benign neoplasm of left retina |
| D31.31 | Benign neoplasm of right choroid |
| D31.32 | Benign neoplasm of left choroid |
| D31.41 | Benign neoplasm of right ciliary body |
| D31.42 | Benign neoplasm of left ciliary body |
| D33.3 | Benign neoplasm of other cranial nerves |
| D48.7 | Neoplasm of uncertain behavior of other specified sites |
| D49.81 | Neoplasm of unspecified behavior of retina and choroid |
| E08.3211 | Diabetes mellitus due to underlying condition with mild nonproliferative diabetic retinopathy with macular edema, right eye |
| E08.3212 | Diabetes mellitus due to underlying condition with mild nonproliferative diabetic retinopathy with macular edema, left eye |
| E08.3213 | Diabetes mellitus due to underlying condition with mild nonproliferative diabetic retinopathy with macular edema, bilateral |
| E08.3291 | Diabetes mellitus due to underlying condition with mild nonproliferative diabetic retinopathy without macular edema, right eye |
| E08.3292 | Diabetes mellitus due to underlying condition with mild nonproliferative diabetic retinopathy without macular edema, left eye |
| E08.3293 | Diabetes mellitus due to underlying condition with mild nonproliferative diabetic retinopathy without macular edema, bilateral |
| E08.3311 | Diabetes mellitus due to underlying condition with moderate nonproliferative diabetic retinopathy with macular edema, right eye |
| E08.3312 | Diabetes mellitus due to underlying condition with moderate nonproliferative diabetic retinopathy with macular edema, left eye |
| E08.3313 | Diabetes mellitus due to underlying condition with moderate nonproliferative diabetic retinopathy with macular edema, bilateral |
| E08.3391 | Diabetes mellitus due to underlying condition with moderate nonproliferative diabetic retinopathy without macular edema, right eye |
| E08.3392 | Diabetes mellitus due to underlying condition with moderate nonproliferative diabetic retinopathy without macular edema, left eye |
| E08.3393 | Diabetes mellitus due to underlying condition with moderate nonproliferative diabetic retinopathy without macular edema, bilateral |
| E08.3411 | Diabetes mellitus due to underlying condition with severe nonproliferative diabetic retinopathy with macular edema, right eye |

CLINICAL POLICY
Fundus Photography

| ICD-10-CM Code | Description |
|----------------|--|
| E08.3412 | Diabetes mellitus due to underlying condition with severe nonproliferative diabetic retinopathy with macular edema, left eye |
| E08.3413 | Diabetes mellitus due to underlying condition with severe nonproliferative diabetic retinopathy with macular edema, bilateral |
| E08.3491 | Diabetes mellitus due to underlying condition with severe nonproliferative diabetic retinopathy without macular edema, right eye |
| E08.3492 | Diabetes mellitus due to underlying condition with severe nonproliferative diabetic retinopathy without macular edema, left eye |
| E08.3493 | Diabetes mellitus due to underlying condition with severe nonproliferative diabetic retinopathy without macular edema, bilateral |
| E08.3511 | Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with macular edema, right eye |
| E08.3512 | Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with macular edema, left eye |
| E08.3513 | Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with macular edema, bilateral |
| E08.3521 | Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with traction retinal detachment involving the macula, right eye |
| E08.3522 | Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with traction retinal detachment involving the macula, left eye |
| E08.3523 | Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with traction retinal detachment involving the macula, bilateral |
| E08.3531 | Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, right eye |
| E08.3532 | Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, left eye |
| E08.3533 | Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, bilateral |
| E08.3541 | Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, right eye |
| E08.3542 | Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, left eye |
| E08.3543 | Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, bilateral |

CLINICAL POLICY
Fundus Photography

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

CLINICAL POLICY
Fundus Photography

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

CLINICAL POLICY
Fundus Photography

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

CLINICAL POLICY
Fundus Photography

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

CLINICAL POLICY
Fundus Photography

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

CLINICAL POLICY
Fundus Photography

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

CLINICAL POLICY
Fundus Photography

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

CLINICAL POLICY
Fundus Photography

| ICD-10-CM Code | Description |
|----------------|--|
| E13.3512 | Other specified diabetes mellitus with proliferative diabetic retinopathy with macular edema, left eye |
| E13.3513 | Other specified diabetes mellitus with proliferative diabetic retinopathy with macular edema, bilateral |
| E13.3521 | Other specified diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, right eye |
| E13.3522 | Other specified diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, left eye |
| E13.3523 | Other specified diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, bilateral |
| E13.3531 | Other specified diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, right eye |
| E13.3532 | Other specified diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, left eye |
| E13.3533 | Other specified diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, bilateral |
| E13.3541 | Other specified diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, right eye |
| E13.3542 | Other specified diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, left eye |
| E13.3543 | Other specified diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, bilateral |
| E13.3551 | Other specified diabetes mellitus with stable proliferative diabetic retinopathy, right eye |
| E13.3552 | Other specified diabetes mellitus with stable proliferative diabetic retinopathy, left eye |
| E13.3553 | Other specified diabetes mellitus with stable proliferative diabetic retinopathy, bilateral |
| E13.3591 | Other specified diabetes mellitus with proliferative diabetic retinopathy without macular edema, right eye |
| E13.3592 | Other specified diabetes mellitus with proliferative diabetic retinopathy without macular edema, left eye |
| E13.3593 | Other specified diabetes mellitus with proliferative diabetic retinopathy without macular edema, bilateral |
| E13.37X1 | Other specified diabetes mellitus with diabetic macular edema, resolved following treatment, right eye |
| E13.37X2 | Other specified diabetes mellitus with diabetic macular edema, resolved following treatment, left eye |
| E13.37X3 | Other specified diabetes mellitus with diabetic macular edema, resolved following treatment, bilateral |
| G35 | Multiple sclerosis |

CLINICAL POLICY
Fundus Photography

| ICD-10-CM Code | Description |
|----------------|--|
| G45.3 | Amaurosis fugax |
| G93.2 | Benign intracranial hypertension |
| H15.031 | Posterior scleritis, right eye |
| H15.032 | Posterior scleritis, left eye |
| H15.033 | Posterior scleritis, bilateral |
| H15.841 | Scleral ectasia, right eye |
| H15.842 | Scleral ectasia, left eye |
| H15.843 | Scleral ectasia, bilateral |
| H16.241 | Ophthalmia nodosa right eye |
| H16.242 | Ophthalmia nodosa left eye |
| H16.243 | Ophthalmia nodosa bilateral |
| H20.821 | Vogt-Koyanagi syndrome, right eye |
| H20.822 | Vogt-Koyanagi syndrome, left eye |
| H20.823 | Vogt-Koyanagi syndrome, bilateral |
| H21.331 | Parasitic cyst of iris, ciliary body or anterior chamber right eye |
| H21.332 | Parasitic cyst of iris, ciliary body or anterior chamber left eye |
| H21.333 | Parasitic cyst of iris, ciliary body or anterior chamber bilateral |
| H21.82 | Plateau iris syndrome (post-iridectomy) (postprocedural) |
| 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 |

CLINICAL POLICY
Fundus Photography

| ICD-10-CM Code | Description |
|----------------|---|
| H30.132 | Disseminated chorioretinal inflammation, generalized, left eye |
| H30.133 | Disseminated chorioretinal inflammation, generalized, bilateral |
| H30.141 | Acute posterior multifocal placoid pigment epitheliopathy, right eye |
| H30.142 | Acute posterior multifocal placoid pigment epitheliopathy, left eye |
| H30.143 | Acute posterior multifocal placoid pigment epitheliopathy, bilateral |
| H30.21 | Posterior cyclitis, right eye |
| H30.22 | Posterior cyclitis, left eye |
| H30.23 | Posterior cyclitis, bilateral |
| H30.811 | Harada's disease, right eye |
| H30.812 | Harada's disease, left eye |
| H30.813 | Harada's disease, bilateral |
| 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 |
| H31.29 | Other hereditary choroidal dystrophy |
| 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 |

CLINICAL POLICY
Fundus Photography

| ICD-10-CM Code | Description |
|----------------|--|
| H33.012 | Retinal detachment with single break, left eye |
| H33.013 | Retinal detachment with single break, bilateral |
| H33.021 | Retinal detachment with multiple breaks, right eye |
| H33.022 | Retinal detachment with multiple breaks, left eye |
| H33.023 | Retinal detachment with multiple breaks, bilateral |
| H33.031 | Retinal detachment with giant retinal tear, right eye |
| H33.032 | Retinal detachment with giant retinal tear, left eye |
| H33.033 | Retinal detachment with giant retinal tear, bilateral |
| H33.041 | Retinal detachment with retinal dialysis, right eye |
| H33.042 | Retinal detachment with retinal dialysis, left eye |
| H33.043 | Retinal detachment with retinal dialysis, bilateral |
| H33.051 | Total retinal detachment, right eye |
| H33.052 | Total retinal detachment, left eye |
| H33.053 | Total retinal detachment, bilateral |
| H33.111 | 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 |
| H33.191 | Other retinoschisis and retinal cysts, right eye |
| H33.192 | Other retinoschisis and retinal cysts, left eye |
| H33.192 | Other retinoschisis and retinal cysts, left eye |
| H33.193 | Other retinoschisis and retinal cysts, bilateral |
| H33.21 | Serous retinal detachment, right eye |
| H33.22 | Serous retinal detachment, left eye |
| H33.23 | Serous retinal detachment, bilateral |
| H33.311 | 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 |

CLINICAL POLICY
Fundus Photography

| ICD-10-CM Code | Description |
|----------------|---|
| H34.12 | Central retinal artery occlusion, left eye |
| H34.13 | Central retinal artery occlusion, bilateral |
| H34.211 | Partial retinal artery occlusion, right eye |
| H34.212 | Partial retinal artery occlusion, left eye |
| H34.213 | Partial retinal artery occlusion, bilateral |
| H34.231 | Retinal artery branch occlusion, right eye |
| H34.232 | Retinal artery branch occlusion, left eye |
| H34.233 | Retinal artery branch occlusion, bilateral |
| H34.8110 | Central retinal vein occlusion, right eye, with macular edema |
| H34.8111 | Central retinal vein occlusion, right eye, with retinal neovascularization |
| H34.8112 | Central retinal vein occlusion, right eye, stable |
| H34.8120 | Central retinal vein occlusion, left eye, with macular edema |
| H34.8121 | Central retinal vein occlusion, left eye with retinal neovascularization |
| H34.8122 | Central retinal vein occlusion, left eye, stable |
| H34.8130 | Central retinal vein occlusion, bilateral, with macular edema |
| H34.8131 | Central retinal vein occlusion, bilateral, with retinal neovascularization |
| H34.8132 | Central retinal vein occlusion, bilateral, stable |
| H34.821 | Venous engorgement, right eye |
| H34.822 | Venous engorgement, left eye |
| H34.823 | Venous engorgement, bilateral |
| H34.8310 | Tributary (branch) retinal vein occlusion, right eye, with macular edema |
| H34.8311 | Tributary (branch) retinal vein occlusion, right eye, with retinal neovascularization |
| H34.8312 | Tributary (branch) retinal vein occlusion, right eye, stable |
| H34.8320 | Tributary (branch) retinal vein occlusion, left eye, with macular edema |
| H34.8321 | Tributary (branch) retinal vein occlusion, left eye, with retinal neovascularization |
| H34.8322 | Tributary (branch) retinal vein occlusion, left eye, stable |
| H34.8330 | Tributary (branch) retinal vein occlusion, bilateral, with macular edema |
| H34.8331 | Tributary (branch) retinal vein occlusion, bilateral, with retinal neovascularization |
| H34.8332 | Tributary (branch) retinal vein occlusion, bilateral, stable |
| 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 |

CLINICAL POLICY
Fundus Photography

| ICD-10-CM Code | Description |
|----------------|---|
| H35.043 | Retinal micro-aneurysms, unspecified, bilateral |
| H35.051 | Retinal neovascularization, unspecified, right eye |
| H35.052 | Retinal neovascularization, unspecified, left eye |
| H35.053 | Retinal neovascularization, unspecified, bilateral |
| H35.061 | Retinal vasculitis, right eye |
| H35.062 | Retinal vasculitis, left eye |
| H35.063 | Retinal vasculitis, bilateral |
| H35.071 | Retinal telangiectasis, right eye |
| H35.072 | Retinal telangiectasis, left eye |
| H35.073 | Retinal telangiectasis, bilateral |
| H35.111 | 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 |

CLINICAL POLICY
Fundus Photography

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

CLINICAL POLICY
Fundus Photography

| ICD-10-CM Code | Description |
|----------------|---|
| 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 |
| 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 |
| H35.53 | Other dystrophies primarily involving the sensory retina |
| H35.54 | Dystrophies primarily involving the retinal pigment epithelium |
| H35.61 | Retinal hemorrhage, right eye |
| H35.62 | Retinal hemorrhage, left eye |
| H35.63 | Retinal hemorrhage, bilateral |
| H35.711 | 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 |

CLINICAL POLICY
Fundus Photography

| ICD-10-CM Code | Description |
|----------------|---|
| H40.011 | Open angle with borderline findings, low risk, right eye |
| H40.012 | Open angle with borderline findings, low risk, left eye |
| H40.013 | Open angle with borderline findings, low risk, bilateral |
| H40.021 | Open angle with borderline findings, high risk, right eye |
| H40.022 | Open angle with borderline findings, high risk, left eye |
| H40.023 | Open angle with borderline findings, high risk, bilateral |
| H40.031 | Anatomical narrow angle, right eye |
| H40.032 | Anatomical narrow angle, left eye |
| H40.033 | Anatomical narrow angle, bilateral |
| H40.041 | Steroid responder, right eye |
| H40.042 | Steroid responder, left eye |
| H40.043 | Steroid responder, bilateral |
| H40.051 | Ocular hypertension, right eye |
| H40.052 | Ocular hypertension, left eye |
| H40.053 | Ocular hypertension, bilateral |
| H40.061 | Primary angle closure without glaucoma damage, right eye |
| H40.062 | Primary angle closure without glaucoma damage, left eye |
| H40.063 | Primary angle closure without glaucoma damage, bilateral |
| H40.1111 | 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 |

CLINICAL POLICY
Fundus Photography

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

CLINICAL POLICY
Fundus Photography

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

CLINICAL POLICY
Fundus Photography

| ICD-10-CM Code | Description |
|----------------|--|
| H43.21 | Crystalline deposits in vitreous body, right eye |
| H43.22 | Crystalline deposits in vitreous body, left eye |
| H43.23 | Crystalline deposits in vitreous body, bilateral |
| H43.311 | Vitreous membranes and strands, right eye |
| H43.312 | Vitreous membranes and strands, left eye |
| H43.313 | Vitreous membranes and strands, bilateral |
| H43.391 | Other vitreous opacities, right eye |
| H43.392 | Other vitreous opacities, left eye |
| H43.393 | Other vitreous opacities, bilateral |
| H43.811 | Vitreous degeneration, right eye |
| H43.812 | Vitreous degeneration, left eye |
| H43.813 | Vitreous degeneration, bilateral |
| H43.821 | Vitreomacular adhesion, right eye |
| H43.822 | Vitreomacular adhesion, left eye |
| H43.823 | Vitreomacular adhesion, bilateral |
| 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 |

CLINICAL POLICY
Fundus Photography

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

CLINICAL POLICY
Fundus Photography

| ICD-10-CM Code | Description |
|----------------|---|
| H44.643 | Retained (old) magnetic foreign body in posterior wall of globe, bilateral |
| H44.651 | Retained (old) magnetic foreign body in vitreous body, right eye |
| H44.652 | Retained (old) magnetic foreign body in vitreous body, left eye |
| H44.653 | Retained (old) magnetic foreign body in vitreous body, bilateral |
| H44.691 | Retained (old) intraocular foreign body, magnetic, in other or multiple sites, right eye |
| H44.692 | Retained (old) intraocular foreign body, magnetic, in other or multiple sites, left eye |
| H44.693 | Retained (old) intraocular foreign body, magnetic, in other or multiple sites, bilateral |
| H44.711 | 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 |

CLINICAL POLICY
Fundus Photography

| ICD-10-CM Code | Description |
|----------------|--|
| H46.02 | Optic papillitis, left eye |
| H46.03 | Optic papillitis, bilateral |
| H46.11 | Retrobulbar neuritis, right eye |
| H46.12 | Retrobulbar neuritis, left eye |
| H46.13 | Retrobulbar neuritis, bilateral |
| H46.2 | Nutritional optic neuropathy |
| H46.3 | Toxic optic neuropathy |
| 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 |
| H53.51 | Achromatopsia |

CLINICAL POLICY
Fundus Photography

| ICD-10-CM Code | Description |
|----------------|--|
| H53.52 | Acquired color vision deficiency |
| H53.53 | Deuteranomaly |
| H53.54 | Protanomaly |
| H53.55 | Tritanomaly |
| 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 |
| Q14.0 | Congenital malformation of vitreous humor |
| Q14.1 | Congenital malformation of retina |
| Q14.2 | Congenital malformation of optic disc |
| Q14.3 | Congenital malformation of choroid |
| Q14.8 | Other congenital malformations of posterior segment of eye |
| Q15.0 | Congenital glaucoma |
| Q85.1 | Tuberous sclerosis |
| Q87.42 | Marfan's syndrome with ocular manifestations |
| S04.011A | Injury of optic nerve right side initial encounter |
| S04.011D | Injury of optic nerve right side subsequent encounter |
| S04.011S | Injury of optic nerve right side sequela |
| S04.012A | Injury of optic nerve left side initial encounter |
| S04.012D | Injury of optic nerve left side subsequent encounter |
| S04.012S | Injury of optic nerve left side sequela |
| S04.02XA | Injury of optic chiasm initial encounter |
| S04.02XD | Injury of optic chiasm subsequent encounter |
| S04.02XS | Injury of optic chiasm sequela |
| S04.031A | Injury of optic tract and pathways right eye initial encounter |
| S04.031D | Injury of optic tract and pathways right eye subsequent encounter |
| S04.031S | Injury of optic tract and pathways right eye sequela |
| S04.032A | Injury of optic tract and pathways left eye initial encounter |
| S04.032D | Injury of optic tract and pathways left eye subsequent encounter |
| S04.032S | Injury of optic tract and pathways left eye sequela |
| S04.041A | Injury of visual cortex right eye initial encounter |
| S04.041D | Injury of visual cortex right eye subsequent encounter |
| S04.041S | Injury of visual cortex right eye sequela |
| S04.042A | Injury of visual cortex left eye initial encounter |
| S04.042D | Injury of visual cortex left eye subsequent encounter |
| S04.042S | Injury of visual cortex 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 |

CLINICAL POLICY
Fundus Photography

| ICD-10-CM Code | Description |
|----------------|---|
| 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 |
| 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 of right eyeball, initial encounter |
| S05.61XD | Penetrating wound without foreign body of right eyeball, subsequent encounter |
| S05.61XS | Penetrating wound without foreign body of right eyeball, sequela |
| S05.62XA | Penetrating wound without foreign body of left eyeball, initial encounter |
| S05.62XD | Penetrating wound without foreign body of left eyeball, subsequent encounter |
| S05.62XS | Penetrating wound without foreign body of left eyeball, sequela |
| T37.2X1A | Poisoning by antimalarials and drugs acting on other blood protozoa, accidental (unintentional), initial encounter |
| T37.2X1D | Poisoning by antimalarials and drugs acting on other blood protozoa, accidental (unintentional), subsequent encounter |
| T37.2X1S | Poisoning by antimalarials and drugs acting on other blood protozoa, accidental (unintentional), sequela |
| T37.2X2A | Poisoning by antimalarials and drugs acting on other blood protozoa, intentional self-harm, initial encounter |
| T37.2X2D | Poisoning by antimalarials and drugs acting on other blood protozoa, intentional self-harm, subsequent encounter |
| T37.2X2S | Poisoning by antimalarials and drugs acting on other blood protozoa, intentional self-harm, sequela |
| T37.2X3A | Poisoning by antimalarials and drugs acting on other blood protozoa, assault, initial encounter |
| T37.2X3D | Poisoning by antimalarials and drugs acting on other blood protozoa, assault, subsequent encounter |
| T37.2X3S | Poisoning by antimalarials and drugs acting on other blood protozoa, assault, sequela |
| T37.2X4A | Poisoning by antimalarials and drugs acting on other blood protozoa, undetermined, initial encounter |

CLINICAL POLICY
Fundus Photography

| ICD-10-CM Code | Description |
|----------------------|--|
| T37.2X4D | Poisoning by antimalarials and drugs acting on other blood protozoa, undetermined, subsequent encounter |
| T37.2X4S | Poisoning by antimalarials and drugs acting on other blood protozoa, undetermined, sequela |
| Z09 ¹ | Encounter for follow-up examination after completed treatment for conditions other than malignant neoplasm |
| Z79.899 ¹ | Other long term (current) drug therapy |
| Z85.840 | Personal history of malignant neoplasm of eye |

| Reviews, Revisions, and Approvals | Date | Approval Date |
|--|---------|---------------|
| Original approval date | 12/2019 | 12/2019 |
| Converted to new template | 05/2020 | 06/2020 |
| Annual Review; Updated references | 12/2020 | 12/2020 |
| Annual Review; Added conditions under which fundus photography is not considered medically indicated; Updated ICD-10 diagnosis codes to include penetrating orbital wounds and parasitic retinal cysts | 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 |

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5. Panwar N, Huang P, Lee J, et al. Fundus Photography in the 21st Century--A Review of Recent Technological Advances and Their Implications for Worldwide Healthcare. *Telemed J E Health*. 2016;22(3):198-208.

¹ Must be used in conjunction with the appropriate systemic disease

6. Abramoff MD, Garvin MK, Sonka M. Retinal imaging and image analysis. *IEEE Rev Biomed Eng.* 2010;3:169-208.

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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CLINICAL POLICY

Fundus Photography

herein through the terms of their contracts. Where no such contract exists, providers, members and their representatives agree to be bound by such terms and conditions by providing services to members and/or submitting claims for payment for such services.

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 <http://www.cms.gov> for additional information.

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