

**ENVOLVE VISION BENEFITS, INC.
INCLUDING ALL ASSOCIATED SUBSIDIARIES
CLINICAL POLICY AND PROCEDURE**

DEPARTMENT: Utilization Management	DOCUMENT NAME: Extended Ophthalmoscopy
PAGE: 1 of 41	REFERENCE NUMBER: OC.UM.CP.0026
EFFECTIVE DATE: 01/01/2018	REPLACES DOCUMENT: 172-UM-R10, 3059-MM-R6
RETIRED:	REVIEWED: 10/27/2017
SPECIALIST REVIEW: Yes	REVISED: 10/27/2017
PRODUCT TYPE: All	COMMITTEE APPROVAL: 01/09/2018

IMPORTANT REMINDER`

This Clinical Policy has been developed by appropriately experienced and licensed health care professionals based on a thorough review and consideration of generally accepted standards of medical practice, peer-reviewed medical literature, government agency/program approval status, and other indicia of medical necessity.

The purpose of this Clinical Policy is to provide a guide to medical necessity. Benefit determinations should be based in all cases on the applicable contract provisions governing plan benefits (“Benefit Plan Contract”) and applicable state and federal requirements including Local Coverage Determinations (LCDs), as well as applicable plan-level administrative policies and procedures. To the extent there are any conflicts between this Clinical Policy and the Benefit Plan Contract provisions, the Benefit Plan Contract provisions will control.

Clinical policies are intended to be reflective of current scientific research and clinical thinking. This Clinical Policy is not intended to dictate to providers how to practice medicine, nor does it constitute a contract or guarantee regarding results. 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.

SUBJECT:

Indications and limitations of coverage and/or medical necessity determinations for extended ophthalmoscopy.

DESCRIPTION:

Ophthalmoscopy allows a complete view of the back of the eye. After the pupils have been dilated, views of retina are seen with the direct ophthalmoscope, the indirect ophthalmoscope, or both. 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. An 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.

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POLICY/CRITERIA:

Envolve Vision Benefits, Inc. (Envolve Vision) will reimburse extended ophthalmoscopy twice per year per eye (service date to service date) when performed and documented in accordance with this policy (see Coding Implications for supporting diagnoses). Medical records must be submitted with the claim for payment consideration in excess of frequency limitations.

Extended ophthalmoscopy for infants undergoing treatment and/or monitoring of retinopathy of prematurity (ICD-10 H35.101 – H35.169) is not subject to frequency limitations.

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. 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.

Codes 92225 and 92226 are reserved for reporting techniques, which are considered “above and beyond” a typical dilated fundus examination that is part of general and special ophthalmic services. These services include examination of the retina with 360-degree scleral depression, restrained retinal examination in the neonate, or lengthy examination of the retina with three mirrors or contact lens. They must add information not available from the standard evaluation services and/or information that will demonstrably affect the treatment plan. It is not necessary, for example, to confirm information already available by other means.

Documentation Requirements:

The American Medical Association’s Current Procedure Terminology Manual, clearly indicates that it is improper to bill for routine ophthalmoscopy that is part of indicated general and special ophthalmic services, as it is considered a non-

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itemized service and is never reported separately. 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.

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 to fulfill obligations for documentation.

The medical record must clearly indicate the reason for the diagnostic test and how it will aid in clinical decision-making. An interpretation and report must be included as a permanent part of the medical record. When multiple diagnostic tests are performed, a separate interpretation and report must be completed for each test. The interpretation and report may be included with the encounter documentation; however, must be separate from an examination.

The interpretation and report must contain the following:

- Clinical findings – pertinent findings regarding the test results
- Comparative Data – comparison to previous test results (if applicable)
- Clinical Management – how the test results will affect management of the condition/disease
 - Change/increase/stop medication
 - Recommendation for surgery
 - Recommendation for further diagnostic testing
 - Referral to a specialist/sub-specialist for additional treatment

Limitations:

- Extended ophthalmoscopy is not to be routinely used on both eyes of every patient on all visits.

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- Routine ophthalmoscopy and biomicroscopy are part of an ophthalmologic examination and are not separately payable, but must still be documented in the patient's medical record.
- If indirect ophthalmoscopy is done without a drawing, the service is not separately payable and will be considered part of a general ophthalmologic exam (92002-92014).
- Extended ophthalmoscopy (codes 92225, 92226) performed during the global surgery period of an ophthalmologic surgery procedure by the same duly licensed eye care provider doing the surgery will not be separately payable unless unrelated to the condition for which the surgery was performed.
- Extended ophthalmoscopy will be considered **not** medically necessary if there is insufficient drawing.
- Extended ophthalmoscopy will be considered **not** medically necessary if the medical record does not document the interpretation and report.
- Extended ophthalmoscopy will be considered **not** medically necessary when it **replaces** a routine ophthalmoscopy.
- When other ophthalmologic tests (e.g., fundus photography, fluorescein angiography, ultrasound, etc.) have been performed, extended ophthalmoscopy is considered medically **unnecessary** unless the medical record documents the need for multiple imaging services and how it will provide additive (NON-DUPLICATIVE) information for diagnosis and/or clinical decision-making. **Medical records must be submitted with the claim to be considered for payment.**

Duly licensed eye care providers in remote areas may share diagnostic images with retina specialists. CPT code 92227, Remote imaging for detection of retinal disease (eg, retinopathy in a patient with diabetes) with analysis and report under physician supervision, unilateral or bilateral, and CPT code 92228, Remote imaging for monitoring and management of active retinal disease (e.g., diabetic retinopathy) with physician review, interpretation and report, unilateral or bilateral, may be used to assist with the detection and management for patients in remote areas. Due to the nature of these services they may not be performed/ reported in conjunction with an ophthalmology exam, scanning computerized ophthalmic diagnostic imaging, fundus photography or other extended ophthalmoscopy testing.

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A single drawing will be reimbursed if it documents clinically significant details that cannot be adequately or succinctly communicated in writing alone. Sequential drawings will only be covered when they describe a condition within the eye that is subject to change in extent, appearance, or size, and where that change would directly affect the management.

AUTHORIZATION PROTOCOLS:

Extended ophthalmoscopy is subject to retrospective medical record review. Duly licensed eye care providers are to limit the reporting of CPT codes 92225 and 92226 to services that truly represent extended ophthalmoscopy with retinal drawing, interpretation and report.

Professional services provided by duly licensed eye care providers must be within the scope of licensure as defined by applicable State guidelines.

SCIENTIFIC BACKGROUND:

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. A comprehensive medical eye evaluation includes history, examination, diagnosis, and initiation of management. 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.

REFERENCES:

National Government Services, Inc. Local Coverage Determination L33567
Posterior Segment Imaging-Extended Ophthalmoscopy and Fundus Photography, Illinois, Revised 10/1/2017

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First Coast Service Options, Inc. Local Coverage Determination L34017
Ophthalmoscopy, Florida Revised 10/1/2017

CGS Administrators, LLC Local Coverage Determination L34399 Posterior Segment Imaging (Extended Ophthalmoscopy and Fundus Photography), Ohio, Revised 10/1/2016

Clinical Policy Bulletin: Extended Ophthalmoscopy Number: 0767, Aetna,
www.aetna.com/cpb/medical/data/700_799/0767.html

CODING IMPLICATIONS:

The following codes for treatment and procedures are for informational purposes only. They are current at time of review of this policy. Inclusion or exclusion of any codes does not guarantee coverage. Please refer to your State contract or applicable National and Local Coverage Determination for exact coverage implications.

Medical indications:

ICD-10 Code	ICD-10 Code Description
A18.53	Tuberculous chorioretinitis
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

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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
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

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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

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E08.3533	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, bilateral
E08.3541	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, right eye
E08.3542	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, left eye
E08.3543	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, bilateral
E08.3551	Diabetes mellitus due to underlying condition with stable proliferative diabetic retinopathy, right eye
E08.3552	Diabetes mellitus due to underlying condition with stable proliferative diabetic retinopathy, left eye
E08.3553	Diabetes mellitus due to underlying condition with stable proliferative diabetic retinopathy, bilateral
E08.3591	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy without macular edema, right eye
E08.3592	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy without macular edema, left eye
E08.3593	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy without macular edema, bilateral
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

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E09.3293	Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, bilateral
E09.3311	Drug or chemical induced diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, right eye
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
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

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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
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

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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
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
E10.3412	Type 1 diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, left eye

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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

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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
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

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E11.3393	Type 2 diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, bilateral
E11.3411	Type 2 diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, right eye
E11.3412	Type 2 diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, left eye
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

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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
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

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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
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

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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
H15.031	Posterior scleritis, right eye
H15.032	Posterior scleritis, left eye
H15.033	Posterior scleritis, bilateral
H16.241	Ophthalmia nodosa, right eye

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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
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

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H30.122	Disseminated chorioretinal inflammation, peripheral, left eye
H30.123	Disseminated chorioretinal inflammation, peripheral, bilateral
H30.131	Disseminated chorioretinal inflammation, generalized, right eye
H30.132	Disseminated chorioretinal inflammation, generalized, left eye
H30.133	Disseminated chorioretinal inflammation, generalized, bilateral
H30.141	Acute posterior multifocal placoid pigment epitheliopathy, right eye
H30.142	Acute posterior multifocal placoid pigment epitheliopathy, left eye
H30.143	Acute posterior multifocal placoid pigment epitheliopathy, bilateral
H30.21	Posterior cyclitis, right eye
H30.22	Posterior cyclitis, left eye
H30.23	Posterior cyclitis, bilateral
H30.811	Harada's disease, right eye
H30.812	Harada's disease, left eye
H30.813	Harada's disease, bilateral
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
H31.101	Choroidal degeneration, unspecified, right eye
H31.102	Choroidal degeneration, unspecified, left eye
H31.103	Choroidal degeneration, unspecified, bilateral
H31.111	Age-related choroidal atrophy, right eye
H31.112	Age-related choroidal atrophy, left eye
H31.113	Age-related choroidal atrophy, bilateral
H31.121	Diffuse secondary atrophy of choroid, right eye
H31.122	Diffuse secondary atrophy of choroid, left eye

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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
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

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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

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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

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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
H35.061	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

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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
H35.3111	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
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

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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

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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
H35.54	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

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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
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

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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
H40.1422	Capsular glaucoma with pseudoexfoliation of lens, left eye, moderate stage
H40.1423	Capsular glaucoma with pseudoexfoliation of lens, left eye, severe stage

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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

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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
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

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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
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
H43.811	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

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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

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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
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

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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
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

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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

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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
H47.311	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

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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
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
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
Q85.1	Tuberous sclerosis
Q85.8	Other phakomatoses, not elsewhere classified
Q85.9	Phakomatosis, unspecified
Q87.42	Marfan's syndrome with ocular manifestations

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EFFECTIVE DATE: 01/01/2018	REPLACES DOCUMENT: 172-UM-R10, 3059-MM-R6
RETIRED:	REVIEWED: 10/27/2017
SPECIALIST REVIEW: Yes	REVISED: 10/27/2017
PRODUCT TYPE: All	COMMITTEE APPROVAL: 01/09/2018

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
S05.51XA	Penetrating wound with foreign body of right eyeball, initial encounter

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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
S05.71XA	Avulsion of right eye initial encounter
S05.71XD	Avulsion of right eye subsequent encounter
S05.71XS	Avulsion of right eye sequela
S05.72XA	Avulsion of left eye initial encounter
S05.72XD	Avulsion of left eye subsequent encounter
S05.72XS	Avulsion of left eye sequela
T85.22XA	Displacement of intraocular lens, initial encounter
T85.22XD	Displacement of intraocular lens, subsequent encounter
T85.22XS	Displacement of intraocular lens, sequela

REVIEW/REVISION LOG

Notes	Date
Update of diagnoses as medical indications; update references	01/2018
Addition of diagnoses as medical indications.	10/2017

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Remove unspecified diagnoses from medical indications, update diagnoses based on ICD-10 update and remove Attachment A.	12/2016
Update medical indications	05/2016
Update diagnoses to ICD-10, update medical indications, update references to current guidelines, rebrand to new corporate name	12/2015
Update references and diagnoses; addition of Attachment A with ICD9/ICD10 code crosswalk	12/2014
Removal of frequency limitations for retinopathy of prematurity	07/2014
Update of diagnoses and references	12/2013
Clarification of coverage limitations to twice per year	04/2013