AMERICAN ACADEMY OF OPHTHALMOLOGY®

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Glaucoma ICD-10-CM Quick Reference Guide

Effective October 1, 2022. Reviewed October 1, 2023.

H40.00 Preglaucoma, unspecified	**H40.001** Right Eye **H40.002** Left eye **H40.003** Bilateral	Excludes1 Absolute glaucoma **H44.51-** Congenital glaucoma **Q15.0** Traumatic glaucoma due to birth injury **P15.3**
H40.01 Open angle with borderline findings, low risk *(1–2 risk factors) Open angle, low risk*	**H40.011** Right eye **H40.012** Left eye **H40.013** Bilateral	Excludes1 Absolute glaucoma **H44.510-** Congenital glaucoma **Q15.0** Traumatic glaucoma due to birth injury **P15.3**
H40.02 Open angle with borderline findings, high risk *(3 or more risk factors) Open angle, high risk*	**H40.021** Right eye **H40.022** Left eye **H40.023** Bilateral	Excludes1 Absolute glaucoma **H44.510-** Congenital glaucoma **Q15.0** Traumatic glaucoma due to birth injury **P15.3**
H40.03 Anatomical narrow angle *Primary angle closure suspect*	**H40.031** Right eye **H40.032** Left eye **H40.033** Bilateral	Excludes1 Absolute glaucoma **H44.510-** Congenital glaucoma **Q15.0** Traumatic glaucoma due to birth injury **P15.3**
H40.04 Steroid responder	**H40.041** Right eye **H40.042** Left eye **H40.043** Bilateral	Excludes1 Absolute glaucoma **H44.510-** Congenital glaucoma **Q15.0** Traumatic glaucoma due to birth injury **P15.3**
`H40.05 Ocular hypertension	**H40.051** Right eye **H40.052** Left eye **H40.053** Bilateral	Excludes1 Absolute glaucoma **H44.510-** Congenital glaucoma **Q15.0** Traumatic glaucoma due to birth injury **P15.3**
H40.06 Primary angle closure without glaucoma damage *(PAS or high IOP with no optic nerve or VF loss)*	**H40.061** Right eye **H40.062** Left eye **H40.063** Bilateral	Excludes1 Absolute glaucoma **H44.510-** Congenital glaucoma **Q15.0** Traumatic glaucoma due to birth injury **P15.3**

Staging Codes **Note: If code includes eye indicator, then Stage each eye. If both eyes have the same stage, select the bilateral code and indicate the stage as the 7th character.** **If no eye indicator, code for the Stage of the most severely affected eye. See page 4 for stage criteria.**		**0-** Stage unspecified **1-** Mild stage **2-** Moderate stage **3-** Severe stage **4-** Indeterminate stage
H40.10 Unspecified open-angle glaucoma	No eye indicators Example: **H40.10X2** = Moderate stage in most severely affected eye	Excludes1 applies as above Requires X as a placeholder in 6th position _Add staging codes in 7th position (Stage for most severely affected eye)
H40.11 Primary open-angle glaucoma *Chronic simple glaucoma*	**H40.111_** Right eye **H40.112_** Left eye **H40.113_** Bilateral	Excludes1 applies as above _Add staging codes in 7th position
H40.12 Low-tension glaucoma	**H40.121_** Right eye **H40.122_** Left eye **H40.123_** Bilateral	Excludes1 applies as above _Add staging codes in 7th position
H40.13 Pigmentary glaucoma	**H40.131_** Right eye **H40.132_** Left eye **H40.133_** Bilateral	Excludes1 applies as above. _Add staging codes in 7th position
H40.14 Capsular glaucoma with pseudo-exfoliation of lens	**H40.141_** Right eye **H40.142_** Left eye **H40.143_** Bilateral	Excludes1 applies as above _Add staging codes in 7th position
H40.15 Residual stage of open-angle glaucoma	**H40.151** Right eye **H40.152** Left eye **H40.153** Bilateral	Excludes1 applies as above Staging codes **not** indicated
H40.20 Unspecified primary angle-closure glaucoma	No eye indicators Example: **H40.20X1** = Mild stage in most severely affected eye	Excludes1 as above plus: Aqueous misdirection **H40.83-** Malignant glaucoma **H40.83-** Requires X as a placeholder in 6th position _Add staging codes in 7th position (stage most severely affected eye)
H40.21 Acute angle-closure glaucoma attack *Acute angle-closure glaucoma crisis*	**H40.211_** Right eye **H40.212_** Left eye **H40.213_** Bilateral	Excludes1 as above plus: Aqueous misdirection **H40.83-** Malignant glaucoma **H40.83-** Staging codes **not** indicated

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H40.22 Chronic angle-closure glaucoma	**H40.221_** Right eye **H40.222_** Left eye **H40.223_** Bilateral	Excludes1 as above plus: Aqueous misdirection **H40.83-** Malignant glaucoma **H40.83-** _Add staging codes in 7th position
H40.23 Intermittent angle-closure glaucoma	**H40.231_** Right eye **H40.232_** Left eye **H40.233_** Bilateral	Excludes1 as above plus: Aqueous misdirection **H40.83-** Malignant glaucoma **H40.83-** Staging codes **not** indicated
H40.24 Residual stage of angle-closure glaucoma	**H40.241** Right eye **H40.242** Left eye **H40.243** Bilateral	Excludes1 as above plus: Aqueous misdirection **H40.83-** Malignant glaucoma **H40.83-** Staging codes **not** indicated
H40.3 Glaucoma secondary to eye trauma	**H40.31X_** Right eye **H40.32X_** Left eye **H40.33X_** Bilateral Example: **H40.31X3** = right eye, severe stage	Excludes1 for **H40** Code also underlying condition Requires X as a placeholder in 6th position _Add staging codes in 7th position
H40.4 Glaucoma secondary to eye inflammation	**H40.41X_** Right eye **H40.42X_** Left eye **H40.43X_** Bilateral Example: **H40.43X2** = both eyes, moderate stage	Excludes1 for **H40** Code also underlying condition Requires X as a placeholder in 6th position _Add staging codes in 7th position
H40.5 Glaucoma secondary to other eye disorders *Underlying conditions, refer to:* ***H34-*** *Retinal vascular occlusions* ***E10.39*** *Diabetes Type 1 complicated* ***E11.39*** *Diabetes Type 2 complicated* ***H25, 26, 27, 28-*** *Disorders of lens* ***T85.2-*** *Disorders of IOL* ***H59.89*** *Disorders after other ocular sx* ***D31-*** *Neoplasms, benign* ***C69-*** *Neoplasms, malignant*	**H40.51X_** Right eye **H40.52X_** Left eye **H40.53X_** Bilateral	Excludes1 for **H40** Code also underlying eye disorder Requires X as a placeholder in 6th position _Add staging codes in 7th position

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H40.6 Glaucoma secondary to drugs *Additional drug codes:* ***T49.5x5(ADS)*** *Topical steroids T38.0X5(ADS)* *Systemic steroids* ***T43.3X5(ADS)*** *Psychotropic drugs*	**H40.61X_** Right eye **H40.62X_** Left eye **H40.63X_** Bilateral	Excludes1 for **H40** Use additional code for adverse effect, if applicable, to identify drug (**T36–T50**) Requires X as a placeholder in 6th position _Add staging codes in 7th position
H40.81 Glaucoma with increased episcleral venous pressure	**H40.811** Right eye **H40.812** Left eye **H40.813** Bilateral	Excludes1 for **H40** Staging codes **not** required
H40.82 Hypersecretion glaucoma	**H40.821** Right eye **H40.822** Left eye **H40.823** Bilateral	Excludes1 for **H40** Staging codes **not** required
H40.83 Aqueous misdirection *Malignant glaucoma*	**H40.831** Right eye **H40.832** Left eye **H40.833** Bilateral	Excludes1 for **H40** Staging codes **not** required
H42 Glaucoma in diseases classified elsewhere	No eye indicators	Code first underlying condition: Amyloidosis **E85.-** Aniridia **Q13.1** Lowe's syndrome **E72.03** Reiger's anomaly **Q13.81** Specified metabolic disorder **E70–E88** Excludes 1 Glaucoma in: Diabetes mellitus **E08.39, E09.39, E10.39, E11.39, E13.39** Onchocerciasis **B73.02** Syphilis **A52.71** Tuberculous **A18.59**
H21.82 Plateau iris syndrome (post-iridectomy) (postprocedural)	No eye indicators	Staging codes **not** required

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Q15.0 Congenital glaucoma *Axenfeld's anomaly* *Buphthalmos Glaucoma of childhood* *Glaucoma of newborn* *Hydrophthalmos* *Keratoglobus, congenital, with glaucoma* *Macrocornea with glaucoma* *Macrophthalmos in congenital glaucoma* *Megalocornea with glaucoma*	No eye indicators	Excludes1 Congenital nystagmus (**H55.1**) Ocular albinism (**E70.31-**) Optic nerve hypoplasia (**H47.03-**) Retinitis pigmentosa (**H35.52**)
H44.51 Absolute glaucoma	**H44.511** Right eye **H44.512** Left eye **H44.513** Bilateral	
T81.31 Disruption of external operations (surgical) wound, not elsewhere classified *Dehiscence of operation wound NOS*	No eye indicators **T81.31X (ADS)**	Use additional code to identify specified condition resulting from the complication In 7th digit use alpha character, one time only for each: **A** (initial encounter) **D** (subsequent encounter) **S** (sequela)
T81.83 Persistent postprocedural fistula	No eye indicators **T81.83X (ADS)**	In 7th digit use alpha character, one time only for each: **A** (initial encounter) **D** (subsequent encounter) **S** (sequela)
H59.4 Inflammation (infection) of postprocedural blebitis *Post procedural blebitis*	No eye indicators **H59.41** Stage 1 (blebitis only) **H59.42** Stage 2 (blebitis + anterior chamber reaction) **H59.43** Stage 3 (blebitis associated endophthalmitis)	
H44.42 Hypotony of eye due to ocular fistula	**H44.421** Right eye **H44.422** Left eye **H44.423** Bilateral	
H44.41 Flat anterior chamber hypotony of eye	**H44.411** Right eye **H44.412** Left eye **H44.413** Bilateral	

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T85.39 Other mechanical complication of other ocular prosthetic devices, implants, and grafts	**T85.390** Right orbit **T85.391** Left orbit **T85.398** Other complication	In 7th digit use alpha character, one time only for each: **A** (initial encounter) **D** (subsequent encounter) **S** (sequela)
T49.5X5 Adverse effect of ophthalmological drugs and preparations	**T49.5X5 (ADS**)	In 7th digit use alpha character, one time only for each: **A** (initial encounter) **D** (subsequent encounter) **S** (sequela)
H10.01 Acute follicular conjunctivitis	**H10.011** Right eye **H10.012** Left eye **H10.013** Bilateral	
T50.2X5 Adverse effect of carbonic anhydrase inhibitors	**T50.2X5 (ADS)**	In 7th digit use alpha character, one time only for each: **A** (initial encounter) **D** (subsequent encounter) **S** (sequela)
T49.5X6 Adverse effect of . . . Underdosing of ophthalmological drugs and preparations	**T49.5X6 (ADS)**	In 7th digit use alpha character, one time only for each: **A** (initial encounter) **D** (subsequent encounter) **S** (sequela)

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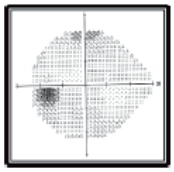
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Glaucoma Stage Definitions

Mild or Early Stage Glaucoma

ICD-10 7th digit "1"

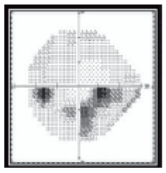
- Optic nerve abnormalities consistent with glaucoma
- but NO visual field abnormalities on any visual field test
- OR abnormalities present only on short-wavelength automated perimetry or frequency doubling perimetry



Moderate Stage Glaucoma

ICD-10 7th digit "2"

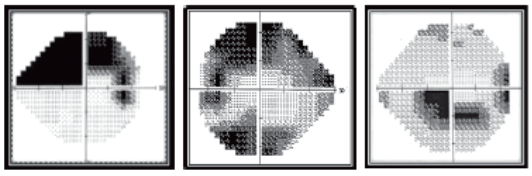
- Optic nerve abnormalities consistent with glaucoma
- AND glaucomatous visual field abnormalities in ONE hemifield and
- NOT within 5 degrees of fixation (note: 5 degrees = involvement of spots nearest fixation)



Advanced, Late, Severe Stage

ICD-10 7th digit "3"

- Optic nerve abnormalities consistent with glaucoma
- AND glaucomatous visual field abnormalities in BOTH hemifields
- AND/OR loss within 5 degrees of fixation in at least one hemifield



Indeterminate Stage

ICD-10 7th digit "4"

- Visual fields not performed yet
- Patient incapable of visual field testing
- Unreliable/uninterpretable visual field testing

Unspecified

ICD-10 7th digit "0"

- Stage not recorded in chart
- Remember to document stage in record!

ICD-10

For ICD-10, not all glaucoma diagnoses require the use of Staging at the 7th digit.

These are the Codes in ICD-10 that **do not have a laterality digit: Code the Stage for the most severely affected eye, if required in the 7th digit.**

1. Unspecified open-angle glaucoma **H40.10-** (Requires Stage digit for most severely affected eye)
2. Unspecified primary angle-closure glaucoma **H40.20-** (Requires Stage digit for most severely affected eye)
3. Other specified glaucoma **H40.89** (Stage is not used)
4. Unspecified glaucoma **H40.9** (Stage is not used)

Risk Factors for OAG Suspect Codes

- African American or Hispanic race
- Family history of glaucoma in 1st degree relative
- Thin central corneal thickness
- High IOP
- Pseudoexfoliation or pigment dispersion syndrome

≥ 3 risk factors = high risk
≤ 2 risk factors = low risk

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