



## ICD-10 Glaucoma Reference Guide

<b>H40.00</b> Preglaucoma, unspecified	<b>H40.001</b> Right eye <b>H40.002</b> Left eye <b>H40.003</b> Bilateral	Excludes1 Absolute glaucoma <b>H44.51-</b> Congenital glaucoma <b>Q15.0</b> Traumatic glaucoma due to birth injury <b>P15.3</b>
<b>H40.01</b> Open angle with borderline findings, low risk (1-2 risk factors) <i>Open angle, low risk</i>	<b>H40.011</b> Right eye <b>H40.012</b> Left eye <b>H40.013</b> Bilateral	Excludes1 Absolute glaucoma <b>H44.510-</b> Congenital glaucoma <b>Q15.0</b> Traumatic glaucoma due to birth injury <b>P15.3</b>
<b>H40.02</b> Open angle with borderline findings, high risk (3 or more risk factors) <i>Open angle, high risk</i>	<b>H40.021</b> Right eye <b>H40.022</b> Left eye <b>H40.023</b> Bilateral	Excludes1 Absolute glaucoma <b>H44.510-</b> Congenital glaucoma <b>Q15.0</b> Traumatic glaucoma due to birth injury <b>P15.3</b>
<b>H40.03</b> Anatomical narrow angle <i>Primary angle closure suspect</i>	<b>H40.031</b> Right eye <b>H40.032</b> Left eye <b>H40.033</b> Bilateral	Excludes1 Absolute glaucoma <b>H44.510-</b> Congenital glaucoma <b>Q15.0</b> Traumatic glaucoma due to birth injury <b>P15.3</b>
<b>H40.04</b> Steroid responder	<b>H40.041</b> Right eye <b>H40.042</b> Left eye <b>H40.043</b> Bilateral	Excludes1 Absolute glaucoma <b>H44.510-</b> Congenital glaucoma <b>Q15.0</b> Traumatic glaucoma due to birth injury <b>P15.3</b>
<b>H40.05</b> Ocular hypertension	<b>H40.051</b> Right eye <b>H40.052</b> Left eye <b>H40.053</b> Bilateral	Excludes1 Absolute glaucoma <b>H44.510-</b> Congenital glaucoma <b>Q15.0</b> Traumatic glaucoma due to birth injury <b>P15.3</b>
<b>H40.06</b> Primary angle closure without glaucoma damage (PAS or high IOP with no optic nerve or VF loss)	<b>H40.061</b> Right eye <b>H40.062</b> Left eye <b>H40.063</b> Bilateral	Excludes1 Absolute glaucoma <b>H44.510-</b> Congenital glaucoma <b>Q15.0</b> Traumatic glaucoma due to birth injury <b>P15.3</b>
<b>Staging Codes</b> <b>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.</b> <b>If no eye indicator, code for the Stage of the most severely affected eye. See page 4 for stage criteria.</b>		<b>0</b> -Stage unspecified <b>1</b> -Mild stage <b>2</b> -Moderate stage <b>3</b> -Severe stage <b>4</b> -Indeterminate stage
<b>H40.10</b> Unspecified open-angle glaucoma	No eye indicators Example: <b>H40.10X2</b> = 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)
<b>H40.11</b> Primary open-angle glaucoma <i>Chronic simple glaucoma</i>	<b>H40.111_</b> Right eye <b>H40.112_</b> Left eye <b>H40.113_</b> Bilateral	Excludes1 applies as above. _Add staging codes in 7th position
<b>H40.12</b> Low-tension glaucoma	<b>H40.121_</b> Right eye <b>H40.122_</b> Left eye <b>H40.123_</b> Bilateral	Excludes1 applies as above. _Add staging codes in 7th position
<b>H40.13</b> Pigmentary glaucoma	<b>H40.131_</b> Right eye <b>H40.132_</b> Left eye <b>H40.133_</b> Bilateral	Excludes1 applies as above. _Add staging codes in 7th position
<b>H40.14</b> Capsular glaucoma with pseudo-exfoliation of lens	<b>H40.141_</b> Right eye <b>H40.142_</b> Left eye <b>H40.143_</b> Bilateral	Excludes1 applies as above. _Add staging codes in 7th position
<b>H40.15</b> Residual stage of open-angle glaucoma	<b>H40.151</b> Right eye <b>H40.152</b> Left eye <b>H40.153</b> Bilateral	Excludes1 applies as above. Staging codes <b>not</b> indicated
<b>H40.20</b> Unspecified primary angle-closure glaucoma	No eye indicators Example: <b>H40.20X1</b> = Mild stage in most severely affected eye.	Excludes1 as above plus: Aqueous misdirection <b>H40.83-</b> Malignant glaucoma <b>H40.83-</b> Requires X as a placeholder in 6th position _Add staging codes in 7th position (stage most severely affected eye)



<b>H40.21</b> Acute angle-closure glaucoma attack <i>Acute angle-closure glaucoma crisis</i>	<b>H40.211</b> Right eye <b>H40.212</b> Left eye <b>H40.213</b> Bilateral	Excludes1 as above plus: Aqueous misdirection <b>H40.83-</b> Malignant glaucoma <b>H40.83-</b> Staging codes <b>not</b> indicated
<b>H40.22</b> Chronic angle-closure glaucoma	<b>H40.221_</b> Right eye <b>H40.222_</b> Left eye <b>H40.223_</b> Bilateral	Excludes1 as above plus: Aqueous misdirection <b>H40.83-</b> Malignant glaucoma <b>H40.83-</b> _Add staging codes in 7th position
<b>H40.23</b> Intermittent angle-closure glaucoma	<b>H40.231</b> Right eye <b>H40.232</b> Left eye <b>H40.233</b> Bilateral	Excludes1 as above plus: Aqueous misdirection <b>H40.83-</b> Malignant glaucoma <b>H40.83-</b> Staging codes <b>not</b> indicated
<b>H40.24</b> Residual stage of angle-closure glaucoma	<b>H40.241</b> Right eye <b>H40.242</b> Left eye <b>H40.243</b> Bilateral	Excludes1 as above plus: Aqueous misdirection <b>H40.83-</b> Malignant glaucoma <b>H40.83-</b> Staging codes <b>not</b> indicated
<b>H40.3</b> Glaucoma secondary to eye trauma	<b>H40.31X_</b> Right eye <b>H40.32X_</b> Left eye <b>H40.33X_</b> Bilateral Example: <b>H40.31X3</b> = right eye, severe stage	Excludes1 for <b>H40</b> Code also underlying condition Requires X as a placeholder in 6th position _Add staging codes in 7th position
<b>H40.4</b> Glaucoma secondary to eye inflammation	<b>H40.41X_</b> Right eye <b>H40.42X_</b> Left eye <b>H40.43X_</b> Bilateral Example: <b>H40.43X2</b> = both eyes, moderate stage	Excludes1 for <b>H40</b> Code also underlying condition Requires X as a placeholder in 6th position _Add staging codes in 7th position
<b>H40.5</b> Glaucoma secondary to other eye disorders <i>Underlying conditions, refer to:</i> <b>H34-</b> Retinal vascular occlusions <b>E10.39</b> Diabetes Type 1 complicated <b>E11.39</b> Diabetes Type 2 complicated <b>H25, 26, 27, 28-</b> Disorders of lens <b>T85.2-</b> Disorders of IOL <b>H59.89</b> Disorders after other ocular sx <b>D31-</b> Neoplasms, benign <b>C69-</b> Neoplasms, malignant	<b>H40.51X_</b> Right eye <b>H40.52X_</b> Left eye <b>H40.53X_</b> Bilateral	Excludes1 for <b>H40</b> Code also underlying eye disorder Requires X as a placeholder in 6th position _Add staging codes in 7th position
<b>H40.6</b> Glaucoma secondary to drugs <i>Additional codes for drugs:</i> <b>T49.5x5(ADS)</b> Topical steroids <b>T38.0x5(ADS)</b> Systemic steroids <b>T43.3x5(ADS)</b> Psychotropic drugs	<b>H40.61X_</b> Right eye <b>H40.62X_</b> Left eye <b>H40.63X_</b> Bilateral	Excludes1 for <b>H40</b> Use additional code for adverse effect, if applicable, to identify drug ( <b>T36-T50</b> ) Requires X as a placeholder in 6th position _Add staging codes in 7th position
<b>H40.81</b> Glaucoma with increased episcleral venous pressure	<b>H40.811</b> Right eye <b>H40.812</b> Left eye <b>H40.813</b> Bilateral	Excludes1 for <b>H40</b> Staging codes <b>not</b> required
<b>H40.82</b> Hypersecretion glaucoma	<b>H40.821</b> Right eye <b>H40.822</b> Left eye <b>H40.823</b> Bilateral	Excludes1 for <b>H40</b> Staging codes <b>not</b> required
<b>H40.83</b> Aqueous misdirection <i>Malignant glaucoma</i>	<b>H40.831</b> Right eye <b>H40.832</b> Left eye <b>H40.833</b> Bilateral	Excludes1 for <b>H40</b> Staging codes <b>not</b> required
<b>H42</b> Glaucoma in diseases classified elsewhere	No eye indicators	Code first underlying condition: Amyloidosis <b>E85.-</b> Aniridia <b>Q13.1</b> Lowe's syndrome <b>E72.03</b> Reiger's anomaly <b>Q13.81</b> Specified metabolic disorder <b>E70-E88</b> Excludes1 Glaucoma in: Diabetes mellitus <b>E08.39, E09.39, E10.39, E11.39, E13.39</b> Onchocerciasis <b>B73.02</b> Syphilis <b>A52.71</b> Tuberculous <b>A18.59</b>



<b>H21.82</b> Plateau iris syndrome (post-iridectomy) (postprocedural)	No eye indicators	Staging codes <b>not</b> required
<b>Q15.0</b> Congenital glaucoma <i>Axenfeld's anomaly</i> <i>Buphthalmos</i> <i>Glaucoma of childhood</i> <i>Glaucoma of newborn</i> <i>Hydrophthalmos</i> <i>Keratoglobus, congenital, with glaucoma</i> <i>Macrocornea with glaucoma</i> <i>Macrophthalmos in congenital glaucoma</i> <i>Megalocornea with glaucoma</i>	No eye indicators	Excludes1 Congenital nystagmus ( <b>H55.1</b> ) Ocular albinism ( <b>E70.31-</b> ) Optic nerve hypoplasia ( <b>H47.03-</b> ) Retinitis pigmentosa ( <b>H35.52</b> )
<b>H44.51</b> Absolute glaucoma	<b>H44.511</b> Right eye <b>H44.512</b> Left eye <b>H44.513</b> Bilateral	
<b>T81.31</b> Disruption of external operations (surgical) wound, not elsewhere classified <i>Dehiscence of operation wound NOS</i>	No eye indicators <b>T81.31X (ADS)</b>	Use additional code to identify specified condition resulting from the complication.  In 7th digit use alpha character, one time only for each: <b>A</b> (initial encounter) <b>D</b> (subsequent encounter) <b>S</b> (sequela)
<b>T81.83</b> Persistent postprocedural fistula	No eye indicators <b>T81.83X (ADS)</b>	In 7th digit use alpha character, one time only for each: <b>A</b> (initial encounter) <b>D</b> (subsequent encounter) <b>S</b> (sequela)
<b>H59.4</b> Inflammation (infection) of postprocedural blebitis <i>Post procedural blebitis</i>	No eye indicators <b>H59.41</b> Stage 1 (blebitis only) <b>H59.42</b> Stage 2 (blebitis + anterior chamber reaction) <b>H59.43</b> Stage 3 (blebitis associated endophthalmitis)	
<b>H44.42</b> Hypotony of eye due to ocular fistula	<b>H44.421</b> Right eye <b>H44.422</b> Left eye <b>H44.423</b> Bilateral	
<b>H44.41</b> Flat anterior chamber hypotony of eye	<b>H44.411</b> Right eye <b>H44.412</b> Left eye <b>H44.413</b> Bilateral	
<b>T85.39</b> Other mechanical complication of other ocular prosthetic devices, implants, and grafts	<b>T85.390</b> Right orbit <b>T85.391</b> Left orbit <b>T85.398</b> Other complication	In 7th digit use alpha character, one time only for each: <b>A</b> (initial encounter) <b>D</b> (subsequent encounter) <b>S</b> (sequela)
<b>T49.5X5</b> Adverse effect of ophthalmological drugs and preparations	<b>T49.5X5 (ADS)</b>	In 7th digit use alpha character, one time only for each: <b>A</b> (initial encounter) <b>D</b> (subsequent encounter) <b>S</b> (sequela)
<b>H10.01</b> Acute follicular conjunctivitis	<b>H10.011</b> Right eye <b>H10.012</b> Left eye <b>H10.013</b> Bilateral	
<b>T50.2X5</b> Adverse effect of carbonic anhydrase inhibitors	<b>T50.2X5 (ADS)</b>	In 7th digit use alpha character, one time only for each: <b>A</b> (initial encounter) <b>D</b> (subsequent encounter) <b>S</b> (sequela)
<b>T49.5X6</b> Adverse effect of . . . Underdosing of ophthalmological drugs and preparations	<b>T49.5X6 (ADS)</b>	In 7th digit use alpha character, one time only for each: <b>A</b> (initial encounter) <b>D</b> (subsequent encounter) <b>S</b> (sequela)

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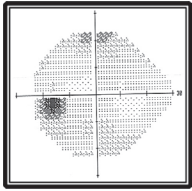
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# Glaucoma Stage Definitions

## Mild or Early Stage Glaucoma

### ICD-10 7th digit "1"

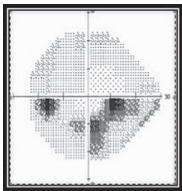
- Optic nerve abnormalities consistent with glaucoma
- but NO visual field abnormalities on any visual field test
- OR abnormalities present only on short-wavelength automated perimetry or frequency doubling perimetry



## Moderate Stage Glaucoma

### ICD-10 7th digit "2"

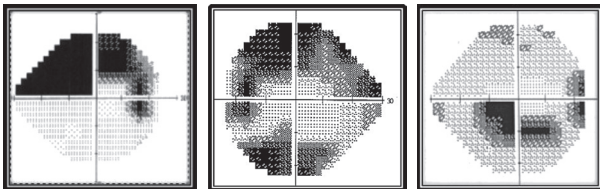
- Optic nerve abnormalities consistent with glaucoma
- AND glaucomatous visual field abnormalities in ONE hemifield and
- NOT within 5 degrees of fixation (note: 5 degrees = involvement of spots nearest fixation)



## 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