

## Disclaimer

The FDA chose a specific outcome algorithm that met its need for a given medical product-outcome assessment. The use of a specific outcome algorithm in a Sentinel assessment should not be interpreted as an endorsement from FDA to use the algorithm for all safety assessments. Investigators should always consider the objective, study design, analytic approach, and data source of a given medical product safety assessment when choosing the outcome algorithm. The suitability of an outcome algorithm may change when applied to different scenarios. For additional [Best Practices for Conducting and Reporting Pharmacoepidemiologic Safety Studies Using Electronic Healthcare Data](#) guidance document provided by the FDA.

## Overview

<b>Title</b>	Glaucoma Defined in "Glaucoma, Cataracts, Diminished Visual Acuity, and Nasal Septal Perforation following Mometasone Sinus Implant Use in Patients with Nasal Polyposis: A Descriptive Analysis"
<b>Request ID</b>	cder_mpl1r_wp157, cder_mpl1r_wp172, cder_mpl1r_wp176
<b>Description</b>	<p>This report lists International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) diagnosis codes, generic and brand names of medical products, and algorithms used to define glaucoma in this request.</p> <p>For additional information about the algorithm and how it was defined relative to the cohort and exposures of interest in the descriptive analysis, see the analysis page here:  <a href="https://www.sentinelinitiative.org/assessments/drugs/adverse-ocular-events-nasal-septal-perforation-mometasone-sinus-implant">https://www.sentinelinitiative.org/assessments/drugs/adverse-ocular-events-nasal-septal-perforation-mometasone-sinus-implant</a></p>
<b>Outcome</b>	Glaucoma
<b>Algorithm to Define Outcome</b>	Evidence of an ICD-9-CM or ICD-10-CM diagnosis code used to define glaucoma OR evidence of a National Drug Code (NDC) used to define glaucoma treatment, in any care setting.
<b>Query Period</b>	January 1, 2016 - April 30, 2019 (cder_mpl1r_wp157); January 1, 2016 - September 30, 2019 (cder_mpl1r_wp172, cder_mpl1r_wp176)
<b>Request Send Date</b>	November 12, 2019 (cder_mpl1r_wp157); March 12, 2020 (cder_mpl1r_wp172, cder_mpl1r_wp176)

## Glossary

**Care Setting** - type of medical encounter or facility where the exposure, event, or condition code was recorded. Possible care settings include: Inpatient Hospital Stay (IP), Non-Acute Institutional Stay (IS), Emergency Department (ED), Ambulatory Visit (AV), and Other Ambulatory Visit (OA). For laboratory results, possible care settings include: Emergency department (E), Home (H), Inpatient (I), Outpatient (O), or Unknown or missing (U)

**Outcome** - outcome of interest (either primary or secondary)

**Principal Diagnosis (PDX)** - diagnosis or condition established to be chiefly responsible for admission of the patient to the hospital. 'P' = principal diagnosis, 'S' = secondary diagnosis, 'X' = unspecified diagnosis, '.' = blank. Along with the Care Setting values, forms the Caresetting/PDX parameter.

**Query Period** - period in which the modular program looks for exposures and outcomes of interest

**Request Send Date** - date the request was sent to Sentinel Data Partners

**List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes Used to Define Glaucoma in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Type</b>	<b>Code Category</b>
365	Glaucoma	ICD-9-CM	Diagnosis
365.0	Borderline glaucoma (glaucoma suspect)	ICD-9-CM	Diagnosis
365.00	Unspecified preglaucoma	ICD-9-CM	Diagnosis
365.01	Borderline glaucoma, open angle with borderline findings, low risk	ICD-9-CM	Diagnosis
365.02	Borderline glaucoma with anatomical narrow angle	ICD-9-CM	Diagnosis
365.03	Borderline glaucoma with steroid responders	ICD-9-CM	Diagnosis
365.04	Borderline glaucoma with ocular hypertension	ICD-9-CM	Diagnosis
365.05	Open angle with borderline findings, high risk	ICD-9-CM	Diagnosis
365.06	Primary angle closure without glaucoma damage	ICD-9-CM	Diagnosis
365.1	Open-angle glaucoma	ICD-9-CM	Diagnosis
365.10	Unspecified open-angle glaucoma	ICD-9-CM	Diagnosis
365.11	Primary open-angle glaucoma	ICD-9-CM	Diagnosis
365.12	Low tension open-angle glaucoma	ICD-9-CM	Diagnosis
365.13	Pigmentary open-angle glaucoma	ICD-9-CM	Diagnosis
365.14	Open-angle glaucoma of childhood	ICD-9-CM	Diagnosis
365.15	Residual stage of open angle glaucoma	ICD-9-CM	Diagnosis
365.2	Primary angle-closure glaucoma	ICD-9-CM	Diagnosis
365.20	Unspecified primary angle-closure glaucoma	ICD-9-CM	Diagnosis
365.21	Intermittent angle-closure glaucoma	ICD-9-CM	Diagnosis
365.22	Acute angle-closure glaucoma	ICD-9-CM	Diagnosis
365.23	Chronic angle-closure glaucoma	ICD-9-CM	Diagnosis
365.24	Residual stage of angle-closure glaucoma	ICD-9-CM	Diagnosis
365.3	Corticosteroid-induced glaucoma	ICD-9-CM	Diagnosis
365.31	Corticosteroid-induced glaucoma, glaucomatous stage	ICD-9-CM	Diagnosis
365.32	Corticosteroid-induced glaucoma, residual stage	ICD-9-CM	Diagnosis
365.4	Glaucoma associated with congenital anomalies, dystrophies, and systemic syndromes	ICD-9-CM	Diagnosis
365.41	Glaucoma associated with chamber angle anomalies	ICD-9-CM	Diagnosis
365.42	Glaucoma associated with anomalies of iris	ICD-9-CM	Diagnosis
365.43	Glaucoma associated with other anterior segment anomalies	ICD-9-CM	Diagnosis
365.44	Glaucoma associated with systemic syndromes	ICD-9-CM	Diagnosis
365.5	Glaucoma associated with disorders of the lens	ICD-9-CM	Diagnosis
365.51	Phacolytic glaucoma	ICD-9-CM	Diagnosis
365.52	Pseudoexfoliation glaucoma	ICD-9-CM	Diagnosis
365.59	Glaucoma associated with other lens disorders	ICD-9-CM	Diagnosis
365.6	Glaucoma associated with other ocular disorders	ICD-9-CM	Diagnosis
365.60	Glaucoma associated with unspecified ocular disorder	ICD-9-CM	Diagnosis
365.61	Glaucoma associated with pupillary block	ICD-9-CM	Diagnosis
365.62	Glaucoma associated with ocular inflammations	ICD-9-CM	Diagnosis
365.63	Glaucoma associated with vascular disorders of eye	ICD-9-CM	Diagnosis
365.64	Glaucoma associated with tumors or cysts	ICD-9-CM	Diagnosis
365.65	Glaucoma associated with ocular trauma	ICD-9-CM	Diagnosis
365.7	Glaucoma stage	ICD-9-CM	Diagnosis
365.70	Glaucoma stage, unspecified	ICD-9-CM	Diagnosis
365.71	Mild stage glaucoma	ICD-9-CM	Diagnosis
365.72	Moderate stage glaucoma	ICD-9-CM	Diagnosis
365.73	Severe stage glaucoma	ICD-9-CM	Diagnosis

**List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes Used to Define Glaucoma in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Type</b>	<b>Code Category</b>
365.74	Indeterminate stage glaucoma	ICD-9-CM	Diagnosis
365.8	Other specified forms of glaucoma	ICD-9-CM	Diagnosis
365.81	Hypersecretion glaucoma	ICD-9-CM	Diagnosis
365.82	Glaucoma with increased episcleral venous pressure	ICD-9-CM	Diagnosis
365.83	Aqueous misdirection	ICD-9-CM	Diagnosis
365.89	Other specified glaucoma	ICD-9-CM	Diagnosis
365.9	Unspecified glaucoma	ICD-9-CM	Diagnosis
H40.001	Preglaucoma, unspecified, right eye	ICD-10-CM	Diagnosis
H40.002	Preglaucoma, unspecified, left eye	ICD-10-CM	Diagnosis
H40.003	Preglaucoma, unspecified, bilateral	ICD-10-CM	Diagnosis
H40.009	Preglaucoma, unspecified, unspecified eye	ICD-10-CM	Diagnosis
H40.011	Open angle with borderline findings, low risk, right eye	ICD-10-CM	Diagnosis
H40.012	Open angle with borderline findings, low risk, left eye	ICD-10-CM	Diagnosis
H40.013	Open angle with borderline findings, low risk, bilateral	ICD-10-CM	Diagnosis
H40.019	Open angle with borderline findings, low risk, unspecified eye	ICD-10-CM	Diagnosis
H40.021	Open angle with borderline findings, high risk, right eye	ICD-10-CM	Diagnosis
H40.022	Open angle with borderline findings, high risk, left eye	ICD-10-CM	Diagnosis
H40.023	Open angle with borderline findings, high risk, bilateral	ICD-10-CM	Diagnosis
H40.029	Open angle with borderline findings, high risk, unspecified eye	ICD-10-CM	Diagnosis
H40.031	Anatomical narrow angle, right eye	ICD-10-CM	Diagnosis
H40.032	Anatomical narrow angle, left eye	ICD-10-CM	Diagnosis
H40.033	Anatomical narrow angle, bilateral	ICD-10-CM	Diagnosis
H40.039	Anatomical narrow angle, unspecified eye	ICD-10-CM	Diagnosis
H40.041	Steroid responder, right eye	ICD-10-CM	Diagnosis
H40.042	Steroid responder, left eye	ICD-10-CM	Diagnosis
H40.043	Steroid responder, bilateral	ICD-10-CM	Diagnosis
H40.049	Steroid responder, unspecified eye	ICD-10-CM	Diagnosis
H40.051	Ocular hypertension, right eye	ICD-10-CM	Diagnosis
H40.052	Ocular hypertension, left eye	ICD-10-CM	Diagnosis
H40.053	Ocular hypertension, bilateral	ICD-10-CM	Diagnosis
H40.059	Ocular hypertension, unspecified eye	ICD-10-CM	Diagnosis
H40.061	Primary angle closure without glaucoma damage, right eye	ICD-10-CM	Diagnosis
H40.062	Primary angle closure without glaucoma damage, left eye	ICD-10-CM	Diagnosis
H40.063	Primary angle closure without glaucoma damage, bilateral	ICD-10-CM	Diagnosis
H40.069	Primary angle closure without glaucoma damage, unspecified eye	ICD-10-CM	Diagnosis
H40.10X0	Unspecified open-angle glaucoma, stage unspecified	ICD-10-CM	Diagnosis
H40.10X1	Unspecified open-angle glaucoma, mild stage	ICD-10-CM	Diagnosis
H40.10X2	Unspecified open-angle glaucoma, moderate stage	ICD-10-CM	Diagnosis
H40.10X3	Unspecified open-angle glaucoma, severe stage	ICD-10-CM	Diagnosis
H40.10X4	Unspecified open-angle glaucoma, indeterminate stage	ICD-10-CM	Diagnosis
H40.1110	Primary open-angle glaucoma, right eye, stage unspecified	ICD-10-CM	Diagnosis
H40.1111	Primary open-angle glaucoma, right eye, mild stage	ICD-10-CM	Diagnosis
H40.1112	Primary open-angle glaucoma, right eye, moderate stage	ICD-10-CM	Diagnosis
H40.1113	Primary open-angle glaucoma, right eye, severe stage	ICD-10-CM	Diagnosis
H40.1114	Primary open-angle glaucoma, right eye, indeterminate stage	ICD-10-CM	Diagnosis
H40.1120	Primary open-angle glaucoma, left eye, stage unspecified	ICD-10-CM	Diagnosis
H40.1121	Primary open-angle glaucoma, left eye, mild stage	ICD-10-CM	Diagnosis

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<b>Code</b>	<b>Description</b>	<b>Code Type</b>	<b>Code Category</b>
H40.1122	Primary open-angle glaucoma, left eye, moderate stage	ICD-10-CM	Diagnosis
H40.1123	Primary open-angle glaucoma, left eye, severe stage	ICD-10-CM	Diagnosis
H40.1124	Primary open-angle glaucoma, left eye, indeterminate stage	ICD-10-CM	Diagnosis
H40.1130	Primary open-angle glaucoma, bilateral, stage unspecified	ICD-10-CM	Diagnosis
H40.1131	Primary open-angle glaucoma, bilateral, mild stage	ICD-10-CM	Diagnosis
H40.1132	Primary open-angle glaucoma, bilateral, moderate stage	ICD-10-CM	Diagnosis
H40.1133	Primary open-angle glaucoma, bilateral, severe stage	ICD-10-CM	Diagnosis
H40.1134	Primary open-angle glaucoma, bilateral, indeterminate stage	ICD-10-CM	Diagnosis
H40.1190	Primary open-angle glaucoma, unspecified eye, stage unspecified	ICD-10-CM	Diagnosis
H40.1191	Primary open-angle glaucoma, unspecified eye, mild stage	ICD-10-CM	Diagnosis
H40.1192	Primary open-angle glaucoma, unspecified eye, moderate stage	ICD-10-CM	Diagnosis
H40.1193	Primary open-angle glaucoma, unspecified eye, severe stage	ICD-10-CM	Diagnosis
H40.1194	Primary open-angle glaucoma, unspecified eye, indeterminate stage	ICD-10-CM	Diagnosis
H40.1210	Low-tension glaucoma, right eye, stage unspecified	ICD-10-CM	Diagnosis
H40.1211	Low-tension glaucoma, right eye, mild stage	ICD-10-CM	Diagnosis
H40.1212	Low-tension glaucoma, right eye, moderate stage	ICD-10-CM	Diagnosis
H40.1213	Low-tension glaucoma, right eye, severe stage	ICD-10-CM	Diagnosis
H40.1214	Low-tension glaucoma, right eye, indeterminate stage	ICD-10-CM	Diagnosis
H40.1220	Low-tension glaucoma, left eye, stage unspecified	ICD-10-CM	Diagnosis
H40.1221	Low-tension glaucoma, left eye, mild stage	ICD-10-CM	Diagnosis
H40.1222	Low-tension glaucoma, left eye, moderate stage	ICD-10-CM	Diagnosis
H40.1223	Low-tension glaucoma, left eye, severe stage	ICD-10-CM	Diagnosis
H40.1224	Low-tension glaucoma, left eye, indeterminate stage	ICD-10-CM	Diagnosis
H40.1230	Low-tension glaucoma, bilateral, stage unspecified	ICD-10-CM	Diagnosis
H40.1231	Low-tension glaucoma, bilateral, mild stage	ICD-10-CM	Diagnosis
H40.1232	Low-tension glaucoma, bilateral, moderate stage	ICD-10-CM	Diagnosis
H40.1233	Low-tension glaucoma, bilateral, severe stage	ICD-10-CM	Diagnosis
H40.1234	Low-tension glaucoma, bilateral, indeterminate stage	ICD-10-CM	Diagnosis
H40.1290	Low-tension glaucoma, unspecified eye, stage unspecified	ICD-10-CM	Diagnosis
H40.1291	Low-tension glaucoma, unspecified eye, mild stage	ICD-10-CM	Diagnosis
H40.1292	Low-tension glaucoma, unspecified eye, moderate stage	ICD-10-CM	Diagnosis
H40.1293	Low-tension glaucoma, unspecified eye, severe stage	ICD-10-CM	Diagnosis
H40.1294	Low-tension glaucoma, unspecified eye, indeterminate stage	ICD-10-CM	Diagnosis
H40.1310	Pigmentary glaucoma, right eye, stage unspecified	ICD-10-CM	Diagnosis
H40.1311	Pigmentary glaucoma, right eye, mild stage	ICD-10-CM	Diagnosis
H40.1312	Pigmentary glaucoma, right eye, moderate stage	ICD-10-CM	Diagnosis
H40.1313	Pigmentary glaucoma, right eye, severe stage	ICD-10-CM	Diagnosis
H40.1314	Pigmentary glaucoma, right eye, indeterminate stage	ICD-10-CM	Diagnosis
H40.1320	Pigmentary glaucoma, left eye, stage unspecified	ICD-10-CM	Diagnosis
H40.1321	Pigmentary glaucoma, left eye, mild stage	ICD-10-CM	Diagnosis
H40.1322	Pigmentary glaucoma, left eye, moderate stage	ICD-10-CM	Diagnosis
H40.1323	Pigmentary glaucoma, left eye, severe stage	ICD-10-CM	Diagnosis
H40.1324	Pigmentary glaucoma, left eye, indeterminate stage	ICD-10-CM	Diagnosis
H40.1330	Pigmentary glaucoma, bilateral, stage unspecified	ICD-10-CM	Diagnosis
H40.1331	Pigmentary glaucoma, bilateral, mild stage	ICD-10-CM	Diagnosis
H40.1332	Pigmentary glaucoma, bilateral, moderate stage	ICD-10-CM	Diagnosis
H40.1333	Pigmentary glaucoma, bilateral, severe stage	ICD-10-CM	Diagnosis

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<b>Code</b>	<b>Description</b>	<b>Code Type</b>	<b>Code Category</b>
H40.1334	Pigmentary glaucoma, bilateral, indeterminate stage	ICD-10-CM	Diagnosis
H40.1390	Pigmentary glaucoma, unspecified eye, stage unspecified	ICD-10-CM	Diagnosis
H40.1391	Pigmentary glaucoma, unspecified eye, mild stage	ICD-10-CM	Diagnosis
H40.1392	Pigmentary glaucoma, unspecified eye, moderate stage	ICD-10-CM	Diagnosis
H40.1393	Pigmentary glaucoma, unspecified eye, severe stage	ICD-10-CM	Diagnosis
H40.1394	Pigmentary glaucoma, unspecified eye, indeterminate stage	ICD-10-CM	Diagnosis
H40.1410	Capsular glaucoma with pseudoexfoliation of lens, right eye, stage unspecified	ICD-10-CM	Diagnosis
H40.1411	Capsular glaucoma with pseudoexfoliation of lens, right eye, mild stage	ICD-10-CM	Diagnosis
H40.1412	Capsular glaucoma with pseudoexfoliation of lens, right eye, moderate stage	ICD-10-CM	Diagnosis
H40.1413	Capsular glaucoma with pseudoexfoliation of lens, right eye, severe stage	ICD-10-CM	Diagnosis
H40.1414	Capsular glaucoma with pseudoexfoliation of lens, right eye, indeterminate stage	ICD-10-CM	Diagnosis
H40.1420	Capsular glaucoma with pseudoexfoliation of lens, left eye, stage unspecified	ICD-10-CM	Diagnosis
H40.1421	Capsular glaucoma with pseudoexfoliation of lens, left eye, mild stage	ICD-10-CM	Diagnosis
H40.1422	Capsular glaucoma with pseudoexfoliation of lens, left eye, moderate stage	ICD-10-CM	Diagnosis
H40.1423	Capsular glaucoma with pseudoexfoliation of lens, left eye, severe stage	ICD-10-CM	Diagnosis
H40.1424	Capsular glaucoma with pseudoexfoliation of lens, left eye, indeterminate stage	ICD-10-CM	Diagnosis
H40.1430	Capsular glaucoma with pseudoexfoliation of lens, bilateral, stage unspecified	ICD-10-CM	Diagnosis
H40.1431	Capsular glaucoma with pseudoexfoliation of lens, bilateral, mild stage	ICD-10-CM	Diagnosis
H40.1432	Capsular glaucoma with pseudoexfoliation of lens, bilateral, moderate stage	ICD-10-CM	Diagnosis
H40.1433	Capsular glaucoma with pseudoexfoliation of lens, bilateral, severe stage	ICD-10-CM	Diagnosis
H40.1434	Capsular glaucoma with pseudoexfoliation of lens, bilateral, indeterminate stage	ICD-10-CM	Diagnosis
H40.1490	Capsular glaucoma with pseudoexfoliation of lens, unspecified eye, stage unspecified	ICD-10-CM	Diagnosis
H40.1491	Capsular glaucoma with pseudoexfoliation of lens, unspecified eye, mild stage	ICD-10-CM	Diagnosis
H40.1492	Capsular glaucoma with pseudoexfoliation of lens, unspecified eye, moderate stage	ICD-10-CM	Diagnosis
H40.1493	Capsular glaucoma with pseudoexfoliation of lens, unspecified eye, severe stage	ICD-10-CM	Diagnosis
H40.1494	Capsular glaucoma with pseudoexfoliation of lens, unspecified eye, indeterminate stage	ICD-10-CM	Diagnosis
H40.151	Residual stage of open-angle glaucoma, right eye	ICD-10-CM	Diagnosis
H40.152	Residual stage of open-angle glaucoma, left eye	ICD-10-CM	Diagnosis
H40.153	Residual stage of open-angle glaucoma, bilateral	ICD-10-CM	Diagnosis
H40.159	Residual stage of open-angle glaucoma, unspecified eye	ICD-10-CM	Diagnosis
H40.20X0	Unspecified primary angle-closure glaucoma, stage unspecified	ICD-10-CM	Diagnosis
H40.20X1	Unspecified primary angle-closure glaucoma, mild stage	ICD-10-CM	Diagnosis
H40.20X2	Unspecified primary angle-closure glaucoma, moderate stage	ICD-10-CM	Diagnosis
H40.20X3	Unspecified primary angle-closure glaucoma, severe stage	ICD-10-CM	Diagnosis
H40.20X4	Unspecified primary angle-closure glaucoma, indeterminate stage	ICD-10-CM	Diagnosis
H40.211	Acute angle-closure glaucoma, right eye	ICD-10-CM	Diagnosis
H40.212	Acute angle-closure glaucoma, left eye	ICD-10-CM	Diagnosis
H40.213	Acute angle-closure glaucoma, bilateral	ICD-10-CM	Diagnosis
H40.219	Acute angle-closure glaucoma, unspecified eye	ICD-10-CM	Diagnosis
H40.2210	Chronic angle-closure glaucoma, right eye, stage unspecified	ICD-10-CM	Diagnosis
H40.2211	Chronic angle-closure glaucoma, right eye, mild stage	ICD-10-CM	Diagnosis
H40.2212	Chronic angle-closure glaucoma, right eye, moderate stage	ICD-10-CM	Diagnosis

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<b>Code</b>	<b>Description</b>	<b>Code Type</b>	<b>Code Category</b>
H40.2213	Chronic angle-closure glaucoma, right eye, severe stage	ICD-10-CM	Diagnosis
H40.2214	Chronic angle-closure glaucoma, right eye, indeterminate stage	ICD-10-CM	Diagnosis
H40.2220	Chronic angle-closure glaucoma, left eye, stage unspecified	ICD-10-CM	Diagnosis
H40.2221	Chronic angle-closure glaucoma, left eye, mild stage	ICD-10-CM	Diagnosis
H40.2222	Chronic angle-closure glaucoma, left eye, moderate stage	ICD-10-CM	Diagnosis
H40.2223	Chronic angle-closure glaucoma, left eye, severe stage	ICD-10-CM	Diagnosis
H40.2224	Chronic angle-closure glaucoma, left eye, indeterminate stage	ICD-10-CM	Diagnosis
H40.2230	Chronic angle-closure glaucoma, bilateral, stage unspecified	ICD-10-CM	Diagnosis
H40.2231	Chronic angle-closure glaucoma, bilateral, mild stage	ICD-10-CM	Diagnosis
H40.2232	Chronic angle-closure glaucoma, bilateral, moderate stage	ICD-10-CM	Diagnosis
H40.2233	Chronic angle-closure glaucoma, bilateral, severe stage	ICD-10-CM	Diagnosis
H40.2234	Chronic angle-closure glaucoma, bilateral, indeterminate stage	ICD-10-CM	Diagnosis
H40.2290	Chronic angle-closure glaucoma, unspecified eye, stage unspecified	ICD-10-CM	Diagnosis
H40.2291	Chronic angle-closure glaucoma, unspecified eye, mild stage	ICD-10-CM	Diagnosis
H40.2292	Chronic angle-closure glaucoma, unspecified eye, moderate stage	ICD-10-CM	Diagnosis
H40.2293	Chronic angle-closure glaucoma, unspecified eye, severe stage	ICD-10-CM	Diagnosis
H40.2294	Chronic angle-closure glaucoma, unspecified eye, indeterminate stage	ICD-10-CM	Diagnosis
H40.231	Intermittent angle-closure glaucoma, right eye	ICD-10-CM	Diagnosis
H40.232	Intermittent angle-closure glaucoma, left eye	ICD-10-CM	Diagnosis
H40.233	Intermittent angle-closure glaucoma, bilateral	ICD-10-CM	Diagnosis
H40.239	Intermittent angle-closure glaucoma, unspecified eye	ICD-10-CM	Diagnosis
H40.241	Residual stage of angle-closure glaucoma, right eye	ICD-10-CM	Diagnosis
H40.242	Residual stage of angle-closure glaucoma, left eye	ICD-10-CM	Diagnosis
H40.243	Residual stage of angle-closure glaucoma, bilateral	ICD-10-CM	Diagnosis
H40.249	Residual stage of angle-closure glaucoma, unspecified eye	ICD-10-CM	Diagnosis
H40.30X0	Glaucoma secondary to eye trauma, unspecified eye, stage unspecified	ICD-10-CM	Diagnosis
H40.30X1	Glaucoma secondary to eye trauma, unspecified eye, mild stage	ICD-10-CM	Diagnosis
H40.30X2	Glaucoma secondary to eye trauma, unspecified eye, moderate stage	ICD-10-CM	Diagnosis
H40.30X3	Glaucoma secondary to eye trauma, unspecified eye, severe stage	ICD-10-CM	Diagnosis
H40.30X4	Glaucoma secondary to eye trauma, unspecified eye, indeterminate stage	ICD-10-CM	Diagnosis
H40.31X0	Glaucoma secondary to eye trauma, right eye, stage unspecified	ICD-10-CM	Diagnosis
H40.31X1	Glaucoma secondary to eye trauma, right eye, mild stage	ICD-10-CM	Diagnosis
H40.31X2	Glaucoma secondary to eye trauma, right eye, moderate stage	ICD-10-CM	Diagnosis
H40.31X3	Glaucoma secondary to eye trauma, right eye, severe stage	ICD-10-CM	Diagnosis
H40.31X4	Glaucoma secondary to eye trauma, right eye, indeterminate stage	ICD-10-CM	Diagnosis
H40.32X0	Glaucoma secondary to eye trauma, left eye, stage unspecified	ICD-10-CM	Diagnosis
H40.32X1	Glaucoma secondary to eye trauma, left eye, mild stage	ICD-10-CM	Diagnosis
H40.32X2	Glaucoma secondary to eye trauma, left eye, moderate stage	ICD-10-CM	Diagnosis
H40.32X3	Glaucoma secondary to eye trauma, left eye, severe stage	ICD-10-CM	Diagnosis
H40.32X4	Glaucoma secondary to eye trauma, left eye, indeterminate stage	ICD-10-CM	Diagnosis
H40.33X0	Glaucoma secondary to eye trauma, bilateral, stage unspecified	ICD-10-CM	Diagnosis
H40.33X1	Glaucoma secondary to eye trauma, bilateral, mild stage	ICD-10-CM	Diagnosis
H40.33X2	Glaucoma secondary to eye trauma, bilateral, moderate stage	ICD-10-CM	Diagnosis
H40.33X3	Glaucoma secondary to eye trauma, bilateral, severe stage	ICD-10-CM	Diagnosis
H40.33X4	Glaucoma secondary to eye trauma, bilateral, indeterminate stage	ICD-10-CM	Diagnosis
H40.40X0	Glaucoma secondary to eye inflammation, unspecified eye, stage unspecified	ICD-10-CM	Diagnosis
H40.40X1	Glaucoma secondary to eye inflammation, unspecified eye, mild stage	ICD-10-CM	Diagnosis



**List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes Used to Define Glaucoma in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Type</b>	<b>Code Category</b>
H40.40X2	Glaucoma secondary to eye inflammation, unspecified eye, moderate stage	ICD-10-CM	Diagnosis
H40.40X3	Glaucoma secondary to eye inflammation, unspecified eye, severe stage	ICD-10-CM	Diagnosis
H40.40X4	Glaucoma secondary to eye inflammation, unspecified eye, indeterminate stage	ICD-10-CM	Diagnosis
H40.41X0	Glaucoma secondary to eye inflammation, right eye, stage unspecified	ICD-10-CM	Diagnosis
H40.41X1	Glaucoma secondary to eye inflammation, right eye, mild stage	ICD-10-CM	Diagnosis
H40.41X2	Glaucoma secondary to eye inflammation, right eye, moderate stage	ICD-10-CM	Diagnosis
H40.41X3	Glaucoma secondary to eye inflammation, right eye, severe stage	ICD-10-CM	Diagnosis
H40.41X4	Glaucoma secondary to eye inflammation, right eye, indeterminate stage	ICD-10-CM	Diagnosis
H40.42X0	Glaucoma secondary to eye inflammation, left eye, stage unspecified	ICD-10-CM	Diagnosis
H40.42X1	Glaucoma secondary to eye inflammation, left eye, mild stage	ICD-10-CM	Diagnosis
H40.42X2	Glaucoma secondary to eye inflammation, left eye, moderate stage	ICD-10-CM	Diagnosis
H40.42X3	Glaucoma secondary to eye inflammation, left eye, severe stage	ICD-10-CM	Diagnosis
H40.42X4	Glaucoma secondary to eye inflammation, left eye, indeterminate stage	ICD-10-CM	Diagnosis
H40.43X0	Glaucoma secondary to eye inflammation, bilateral, stage unspecified	ICD-10-CM	Diagnosis
H40.43X1	Glaucoma secondary to eye inflammation, bilateral, mild stage	ICD-10-CM	Diagnosis
H40.43X2	Glaucoma secondary to eye inflammation, bilateral, moderate stage	ICD-10-CM	Diagnosis
H40.43X3	Glaucoma secondary to eye inflammation, bilateral, severe stage	ICD-10-CM	Diagnosis
H40.43X4	Glaucoma secondary to eye inflammation, bilateral, indeterminate stage	ICD-10-CM	Diagnosis
H40.50X0	Glaucoma secondary to other eye disorders, unspecified eye, stage unspecified	ICD-10-CM	Diagnosis
H40.50X1	Glaucoma secondary to other eye disorders, unspecified eye, mild stage	ICD-10-CM	Diagnosis
H40.50X2	Glaucoma secondary to other eye disorders, unspecified eye, moderate stage	ICD-10-CM	Diagnosis
H40.50X3	Glaucoma secondary to other eye disorders, unspecified eye, severe stage	ICD-10-CM	Diagnosis
H40.50X4	Glaucoma secondary to other eye disorders, unspecified eye, indeterminate stage	ICD-10-CM	Diagnosis
H40.51X0	Glaucoma secondary to other eye disorders, right eye, stage unspecified	ICD-10-CM	Diagnosis
H40.51X1	Glaucoma secondary to other eye disorders, right eye, mild stage	ICD-10-CM	Diagnosis
H40.51X2	Glaucoma secondary to other eye disorders, right eye, moderate stage	ICD-10-CM	Diagnosis
H40.51X3	Glaucoma secondary to other eye disorders, right eye, severe stage	ICD-10-CM	Diagnosis
H40.51X4	Glaucoma secondary to other eye disorders, right eye, indeterminate stage	ICD-10-CM	Diagnosis
H40.52X0	Glaucoma secondary to other eye disorders, left eye, stage unspecified	ICD-10-CM	Diagnosis
H40.52X1	Glaucoma secondary to other eye disorders, left eye, mild stage	ICD-10-CM	Diagnosis
H40.52X2	Glaucoma secondary to other eye disorders, left eye, moderate stage	ICD-10-CM	Diagnosis
H40.52X3	Glaucoma secondary to other eye disorders, left eye, severe stage	ICD-10-CM	Diagnosis
H40.52X4	Glaucoma secondary to other eye disorders, left eye, indeterminate stage	ICD-10-CM	Diagnosis
H40.53X0	Glaucoma secondary to other eye disorders, bilateral, stage unspecified	ICD-10-CM	Diagnosis
H40.53X1	Glaucoma secondary to other eye disorders, bilateral, mild stage	ICD-10-CM	Diagnosis
H40.53X2	Glaucoma secondary to other eye disorders, bilateral, moderate stage	ICD-10-CM	Diagnosis
H40.53X3	Glaucoma secondary to other eye disorders, bilateral, severe stage	ICD-10-CM	Diagnosis
H40.53X4	Glaucoma secondary to other eye disorders, bilateral, indeterminate stage	ICD-10-CM	Diagnosis
H40.60X0	Glaucoma secondary to drugs, unspecified eye, stage unspecified	ICD-10-CM	Diagnosis
H40.60X1	Glaucoma secondary to drugs, unspecified eye, mild stage	ICD-10-CM	Diagnosis
H40.60X2	Glaucoma secondary to drugs, unspecified eye, moderate stage	ICD-10-CM	Diagnosis
H40.60X3	Glaucoma secondary to drugs, unspecified eye, severe stage	ICD-10-CM	Diagnosis
H40.60X4	Glaucoma secondary to drugs, unspecified eye, indeterminate stage	ICD-10-CM	Diagnosis
H40.61X0	Glaucoma secondary to drugs, right eye, stage unspecified	ICD-10-CM	Diagnosis
H40.61X1	Glaucoma secondary to drugs, right eye, mild stage	ICD-10-CM	Diagnosis

**List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes Used to Define Glaucoma in this Request**

<b>Code</b>	<b>Description</b>	<b>Code Type</b>	<b>Code Category</b>
H40.61X2	Glaucoma secondary to drugs, right eye, moderate stage	ICD-10-CM	Diagnosis
H40.61X3	Glaucoma secondary to drugs, right eye, severe stage	ICD-10-CM	Diagnosis
H40.61X4	Glaucoma secondary to drugs, right eye, indeterminate stage	ICD-10-CM	Diagnosis
H40.62X0	Glaucoma secondary to drugs, left eye, stage unspecified	ICD-10-CM	Diagnosis
H40.62X1	Glaucoma secondary to drugs, left eye, mild stage	ICD-10-CM	Diagnosis
H40.62X2	Glaucoma secondary to drugs, left eye, moderate stage	ICD-10-CM	Diagnosis
H40.62X3	Glaucoma secondary to drugs, left eye, severe stage	ICD-10-CM	Diagnosis
H40.62X4	Glaucoma secondary to drugs, left eye, indeterminate stage	ICD-10-CM	Diagnosis
H40.63X0	Glaucoma secondary to drugs, bilateral, stage unspecified	ICD-10-CM	Diagnosis
H40.63X1	Glaucoma secondary to drugs, bilateral, mild stage	ICD-10-CM	Diagnosis
H40.63X2	Glaucoma secondary to drugs, bilateral, moderate stage	ICD-10-CM	Diagnosis
H40.63X3	Glaucoma secondary to drugs, bilateral, severe stage	ICD-10-CM	Diagnosis
H40.63X4	Glaucoma secondary to drugs, bilateral, indeterminate stage	ICD-10-CM	Diagnosis
H40.811	Glaucoma with increased episcleral venous pressure, right eye	ICD-10-CM	Diagnosis
H40.812	Glaucoma with increased episcleral venous pressure, left eye	ICD-10-CM	Diagnosis
H40.813	Glaucoma with increased episcleral venous pressure, bilateral	ICD-10-CM	Diagnosis
H40.819	Glaucoma with increased episcleral venous pressure, unspecified eye	ICD-10-CM	Diagnosis
H40.821	Hypersecretion glaucoma, right eye	ICD-10-CM	Diagnosis
H40.822	Hypersecretion glaucoma, left eye	ICD-10-CM	Diagnosis
H40.823	Hypersecretion glaucoma, bilateral	ICD-10-CM	Diagnosis
H40.829	Hypersecretion glaucoma, unspecified eye	ICD-10-CM	Diagnosis
H40.831	Aqueous misdirection, right eye	ICD-10-CM	Diagnosis
H40.832	Aqueous misdirection, left eye	ICD-10-CM	Diagnosis
H40.833	Aqueous misdirection, bilateral	ICD-10-CM	Diagnosis
H40.839	Aqueous misdirection, unspecified eye	ICD-10-CM	Diagnosis
H40.89	Other specified glaucoma	ICD-10-CM	Diagnosis
H40.9	Unspecified glaucoma	ICD-10-CM	Diagnosis
H42	Glaucoma in diseases classified elsewhere	ICD-10-CM	Diagnosis
Q15.0	Congenital glaucoma	ICD-10-CM	Diagnosis

**List of Generic and Brand Names of Medical Products Used to Define Glaucoma Treatment in this Request**

<b>Generic Name</b>	<b>Brand Name</b>
unoprostone isopropyl	Rescula
travoprost (benzalkonium)	Travoprost (Benzalkonium)
travoprost	Travatan Z
timolol maleate/PF	Timoptic Ocudose (PF)
timolol maleate/latanoprost/preservative free	Timolol-Latanoprost (PF)
timolol maleate/dorzolamide HCl/latanoprost/PF	Timolol-Dorzolamid-Latanop (PF)
timolol maleate/brimonidine tartrate/dorzolamide HCl/PF	Timolol-Brimonidi-Dorzolam (PF)
timolol maleate	Timolol Maleate
timolol maleate	Istalol
timolol maleate	Timoptic
timolol maleate	Timoptic-Xe
timolol malea/brimonidine tar/dorzolamide HCl/latanoprost/PF	Timol-Brimon-Dorzo-Latanop (PF)
timolol	Betimol
tafluprost/PF	Zioptan (PF)
pilocarpine HCl	Isopto Carpine
pilocarpine HCl	Pilocarpine HCl
netarsudil mesylate/latanoprost	Rocklatan
netarsudil mesylate	Rhopressa
metipranolol	Metipranolol
levobunolol HCl	Betagan
levobunolol HCl	Levobunolol
latanoprostene bunod	Vyzulta
latanoprost/PF	Latanoprost (PF)
latanoprost	Xalatan
latanoprost	Latanoprost
latanoprost	Latanoprost (Bulk)
latanoprost	Xelpros
echothiophate iodide	Phospholine Iodide
dorzolamide HCl/timolol maleate/PF	Cosopt (PF)
dorzolamide HCl/timolol maleate/PF	Dorzolamide-Timolol (PF)
dorzolamide HCl/timolol maleate	Cosopt
dorzolamide HCl/timolol maleate	Dorzolamide-Timolol
dorzolamide HCl/PF	Dorzolamide (PF)
dorzolamide HCl	Trusopt
dorzolamide HCl	Dorzolamide
demecarium bromide	Demecarium Bromide (Bulk)
dapiprazole HCl	Dapiprazole (Bulk)
carteolol HCl	Carteolol
carbachol	Miostat
carbachol	Carbachol (Bulk)
brinzolamide/brimonidine tartrate	Simbrinza
brinzolamide	Azopt
brimonidine tartrate/timolol maleate	Combigan
brimonidine tartrate/dorzolamide HCl/PF	Brimonidine-Dorzolamide (PF)
brimonidine tartrate	Alphagan P
brimonidine tartrate	Brimonidine
bimatoprost	Lumigan
bimatoprost	Bimatoprost (Bulk)

**List of Generic and Brand Names of Medical Products Used to Define Glaucoma Treatment in this Request**

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<b>Generic Name</b>	<b>Brand Name</b>
bimatoprost	Bimatoprost
betaxolol HCl	Betoptic S
betaxolol HCl	Betaxolol
apraclonidine HCl	Iopidine
apraclonidine HCl	Apraclonidine
acetylcholine chloride	Miochol-E