

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

| | |
|------------------------------------|---|
| Title | Cataracts Defined in "Glaucoma, Cataracts, Diminished Visual Acuity, and Nasal Septal Perforation following Mometasone Sinus Implant Use in Patients with Nasal Polyposis: A Descriptive Analysis" |
| Request ID | cder_mpl1r_wp157, cder_mpl1r_wp172, cder_mpl1r_wp176 |
| Description | <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 and algorithms used to define cataracts 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: https://www.sentinelinitiative.org/assessments/drugs/adverse-ocular-events-nasal-septal-perforation-mometasone-sinus-implant</p> |
| Outcome | Cataracts |
| Algorithm to Define Outcome | Evidence of an ICD-9-CM or ICD-10-CM diagnosis code used to define cataracts, in any care setting. |
| Query Period | January 1, 2016 - April 30, 2019 (cder_mpl1r_wp157); January 1, 2016 - September 30, 2019 (cder_mpl1r_wp172, cder_mpl1r_wp176) |
| Request Send Date | 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 Cataracts in this Request

| Code | Description | Code Type | Code Category |
|-------------|---|------------------|----------------------|
| 366 | Cataract | ICD-9-CM | Diagnosis |
| 366.00 | Unspecified nonsenile cataract | ICD-9-CM | Diagnosis |
| 366.01 | Anterior subcapsular polar cataract, nonsenile | ICD-9-CM | Diagnosis |
| 366.02 | Posterior subcapsular polar cataract, nonsenile | ICD-9-CM | Diagnosis |
| 366.03 | Cortical, lamellar, or zonular cataract, nonsenile | ICD-9-CM | Diagnosis |
| 366.04 | Nuclear cataract, nonsenile | ICD-9-CM | Diagnosis |
| 366.09 | Other and combined forms of nonsenile cataract | ICD-9-CM | Diagnosis |
| 366.1 | Senile cataract | ICD-9-CM | Diagnosis |
| 366.10 | Unspecified senile cataract | ICD-9-CM | Diagnosis |
| 366.11 | Pseudoexfoliation of lens capsule | ICD-9-CM | Diagnosis |
| 366.12 | Incipient cataract | ICD-9-CM | Diagnosis |
| 366.13 | Anterior subcapsular polar senile cataract | ICD-9-CM | Diagnosis |
| 366.14 | Posterior subcapsular polar senile cataract | ICD-9-CM | Diagnosis |
| 366.15 | Cortical senile cataract | ICD-9-CM | Diagnosis |
| 366.16 | Nuclear sclerosis | ICD-9-CM | Diagnosis |
| 366.17 | Total or mature senile cataract | ICD-9-CM | Diagnosis |
| 366.18 | Hypermature senile cataract | ICD-9-CM | Diagnosis |
| 366.19 | Other and combined forms of senile cataract | ICD-9-CM | Diagnosis |
| 366.2 | Traumatic cataract | ICD-9-CM | Diagnosis |
| 366.20 | Unspecified traumatic cataract | ICD-9-CM | Diagnosis |
| 366.21 | Localized traumatic opacities of cataract | ICD-9-CM | Diagnosis |
| 366.22 | Total traumatic cataract | ICD-9-CM | Diagnosis |
| 366.23 | Partially resolved traumatic cataract | ICD-9-CM | Diagnosis |
| 366.3 | Cataract secondary to ocular disorders | ICD-9-CM | Diagnosis |
| 366.30 | Unspecified cataracta complicata | ICD-9-CM | Diagnosis |
| 366.31 | Cataract secondary to glaucomatous flecks (subcapsular) | ICD-9-CM | Diagnosis |
| 366.32 | Cataract in inflammatory ocular disorders | ICD-9-CM | Diagnosis |
| 366.33 | Cataract with ocular neovascularization | ICD-9-CM | Diagnosis |
| 366.34 | Cataract in degenerative ocular disorders | ICD-9-CM | Diagnosis |
| 366.4 | Cataract associated with other disorders | ICD-9-CM | Diagnosis |
| H25.011 | Cortical age-related cataract, right eye | ICD-10-CM | Diagnosis |
| H25.012 | Cortical age-related cataract, left eye | ICD-10-CM | Diagnosis |
| H25.013 | Cortical age-related cataract, bilateral | ICD-10-CM | Diagnosis |
| H25.019 | Cortical age-related cataract, unspecified eye | ICD-10-CM | Diagnosis |
| H25.031 | Anterior subcapsular polar age-related cataract, right eye | ICD-10-CM | Diagnosis |
| H25.032 | Anterior subcapsular polar age-related cataract, left eye | ICD-10-CM | Diagnosis |
| H25.033 | Anterior subcapsular polar age-related cataract, bilateral | ICD-10-CM | Diagnosis |
| H25.039 | Anterior subcapsular polar age-related cataract, unspecified eye | ICD-10-CM | Diagnosis |
| H25.041 | Posterior subcapsular polar age-related cataract, right eye | ICD-10-CM | Diagnosis |
| H25.042 | Posterior subcapsular polar age-related cataract, left eye | ICD-10-CM | Diagnosis |
| H25.043 | Posterior subcapsular polar age-related cataract, bilateral | ICD-10-CM | Diagnosis |
| H25.049 | Posterior subcapsular polar age-related cataract, unspecified eye | ICD-10-CM | Diagnosis |
| H25.091 | Other age-related incipient cataract, right eye | ICD-10-CM | Diagnosis |
| H25.092 | Other age-related incipient cataract, left eye | ICD-10-CM | Diagnosis |
| H25.093 | Other age-related incipient cataract, bilateral | ICD-10-CM | Diagnosis |
| H25.099 | Other age-related incipient cataract, unspecified eye | ICD-10-CM | Diagnosis |
| H25.10 | Age-related nuclear cataract, unspecified eye | ICD-10-CM | Diagnosis |

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| Code | Description | Code Type | Code Category |
|-------------|---|------------------|----------------------|
| H25.11 | Age-related nuclear cataract, right eye | ICD-10-CM | Diagnosis |
| H25.12 | Age-related nuclear cataract, left eye | ICD-10-CM | Diagnosis |
| H25.13 | Age-related nuclear cataract, bilateral | ICD-10-CM | Diagnosis |
| H25.20 | Age-related cataract, morgagnian type, unspecified eye | ICD-10-CM | Diagnosis |
| H25.21 | Age-related cataract, morgagnian type, right eye | ICD-10-CM | Diagnosis |
| H25.22 | Age-related cataract, morgagnian type, left eye | ICD-10-CM | Diagnosis |
| H25.23 | Age-related cataract, morgagnian type, bilateral | ICD-10-CM | Diagnosis |
| H25.811 | Combined forms of age-related cataract, right eye | ICD-10-CM | Diagnosis |
| H25.812 | Combined forms of age-related cataract, left eye | ICD-10-CM | Diagnosis |
| H25.813 | Combined forms of age-related cataract, bilateral | ICD-10-CM | Diagnosis |
| H25.819 | Combined forms of age-related cataract, unspecified eye | ICD-10-CM | Diagnosis |
| H25.89 | Other age-related cataract | ICD-10-CM | Diagnosis |
| H25.9 | Unspecified age-related cataract | ICD-10-CM | Diagnosis |
| H26.001 | Unspecified infantile and juvenile cataract, right eye | ICD-10-CM | Diagnosis |
| H26.002 | Unspecified infantile and juvenile cataract, left eye | ICD-10-CM | Diagnosis |
| H26.003 | Unspecified infantile and juvenile cataract, bilateral | ICD-10-CM | Diagnosis |
| H26.009 | Unspecified infantile and juvenile cataract, unspecified eye | ICD-10-CM | Diagnosis |
| H26.011 | Infantile and juvenile cortical, lamellar, or zonular cataract, right eye | ICD-10-CM | Diagnosis |
| H26.012 | Infantile and juvenile cortical, lamellar, or zonular cataract, left eye | ICD-10-CM | Diagnosis |
| H26.013 | Infantile and juvenile cortical, lamellar, or zonular cataract, bilateral | ICD-10-CM | Diagnosis |
| H26.019 | Infantile and juvenile cortical, lamellar, or zonular cataract, unspecified eye | ICD-10-CM | Diagnosis |
| H26.031 | Infantile and juvenile nuclear cataract, right eye | ICD-10-CM | Diagnosis |
| H26.032 | Infantile and juvenile nuclear cataract, left eye | ICD-10-CM | Diagnosis |
| H26.033 | Infantile and juvenile nuclear cataract, bilateral | ICD-10-CM | Diagnosis |
| H26.039 | Infantile and juvenile nuclear cataract, unspecified eye | ICD-10-CM | Diagnosis |
| H26.041 | Anterior subcapsular polar infantile and juvenile cataract, right eye | ICD-10-CM | Diagnosis |
| H26.042 | Anterior subcapsular polar infantile and juvenile cataract, left eye | ICD-10-CM | Diagnosis |
| H26.043 | Anterior subcapsular polar infantile and juvenile cataract, bilateral | ICD-10-CM | Diagnosis |
| H26.049 | Anterior subcapsular polar infantile and juvenile cataract, unspecified eye | ICD-10-CM | Diagnosis |
| H26.051 | Posterior subcapsular polar infantile and juvenile cataract, right eye | ICD-10-CM | Diagnosis |
| H26.052 | Posterior subcapsular polar infantile and juvenile cataract, left eye | ICD-10-CM | Diagnosis |
| H26.053 | Posterior subcapsular polar infantile and juvenile cataract, bilateral | ICD-10-CM | Diagnosis |
| H26.059 | Posterior subcapsular polar infantile and juvenile cataract, unspecified eye | ICD-10-CM | Diagnosis |
| H26.061 | Combined forms of infantile and juvenile cataract, right eye | ICD-10-CM | Diagnosis |
| H26.062 | Combined forms of infantile and juvenile cataract, left eye | ICD-10-CM | Diagnosis |
| H26.063 | Combined forms of infantile and juvenile cataract, bilateral | ICD-10-CM | Diagnosis |
| H26.069 | Combined forms of infantile and juvenile cataract, unspecified eye | ICD-10-CM | Diagnosis |
| H26.09 | Other infantile and juvenile cataract | ICD-10-CM | Diagnosis |
| H26.101 | Unspecified traumatic cataract, right eye | ICD-10-CM | Diagnosis |
| H26.102 | Unspecified traumatic cataract, left eye | ICD-10-CM | Diagnosis |
| H26.103 | Unspecified traumatic cataract, bilateral | ICD-10-CM | Diagnosis |
| H26.109 | Unspecified traumatic cataract, unspecified eye | ICD-10-CM | Diagnosis |
| H26.111 | Localized traumatic opacities, right eye | ICD-10-CM | Diagnosis |
| H26.112 | Localized traumatic opacities, left eye | ICD-10-CM | Diagnosis |
| H26.113 | Localized traumatic opacities, bilateral | ICD-10-CM | Diagnosis |
| H26.119 | Localized traumatic opacities, unspecified eye | ICD-10-CM | Diagnosis |
| H26.121 | Partially resolved traumatic cataract, right eye | ICD-10-CM | Diagnosis |

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| Code | Description | Code Type | Code Category |
|-------------|---|------------------|----------------------|
| H26.122 | Partially resolved traumatic cataract, left eye | ICD-10-CM | Diagnosis |
| H26.123 | Partially resolved traumatic cataract, bilateral | ICD-10-CM | Diagnosis |
| H26.129 | Partially resolved traumatic cataract, unspecified eye | ICD-10-CM | Diagnosis |
| H26.131 | Total traumatic cataract, right eye | ICD-10-CM | Diagnosis |
| H26.132 | Total traumatic cataract, left eye | ICD-10-CM | Diagnosis |
| H26.133 | Total traumatic cataract, bilateral | ICD-10-CM | Diagnosis |
| H26.139 | Total traumatic cataract, unspecified eye | ICD-10-CM | Diagnosis |
| H26.20 | Unspecified complicated cataract | ICD-10-CM | Diagnosis |
| H26.211 | Cataract with neovascularization, right eye | ICD-10-CM | Diagnosis |
| H26.212 | Cataract with neovascularization, left eye | ICD-10-CM | Diagnosis |
| H26.213 | Cataract with neovascularization, bilateral | ICD-10-CM | Diagnosis |
| H26.219 | Cataract with neovascularization, unspecified eye | ICD-10-CM | Diagnosis |
| H26.221 | Cataract secondary to ocular disorders (degenerative) (inflammatory), right eye | ICD-10-CM | Diagnosis |
| H26.222 | Cataract secondary to ocular disorders (degenerative) (inflammatory), left eye | ICD-10-CM | Diagnosis |
| H26.223 | Cataract secondary to ocular disorders (degenerative) (inflammatory), bilateral | ICD-10-CM | Diagnosis |
| H26.229 | Cataract secondary to ocular disorders (degenerative) (inflammatory), unspecified eye | ICD-10-CM | Diagnosis |
| H26.231 | Glaucomatous flecks (subcapsular), right eye | ICD-10-CM | Diagnosis |
| H26.232 | Glaucomatous flecks (subcapsular), left eye | ICD-10-CM | Diagnosis |
| H26.233 | Glaucomatous flecks (subcapsular), bilateral | ICD-10-CM | Diagnosis |
| H26.239 | Glaucomatous flecks (subcapsular), unspecified eye | ICD-10-CM | Diagnosis |