**Coding checklist**

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| **Name of codelist** | *cataract\_incidence\_090121*  *cataract\_prevalence\_090121* | |
| **Definition of codelist** | *Cataract (including both age-related and congenital)* | |
| **Databases searched** | | **Yes/No** |
| IMRD | | **Y** |
| CPRD Aurum | | **Y** |
| CPRD Gold | | **Y** |
| CEGEDIM | | **N** |
| HES | | **N** |
| **Existing code lists searched:** | **Link** | **Yes/No** |
| Caliber code list | <https://caliberresearch.org/portal/codelists> | Y – none |
| QoF/Digital | <https://digital.nhs.uk/data-and-information/data-collections-and-data-sets/data-collections/quality-and-outcomes-framework-qof/quality-and-outcome-framework-qof-business-rules/quality-and-outcomes-framework-qof-business-rules-v37-0> | Y – none |
| Manchester code list | <https://clinicalcodes.rss.mhs.man.ac.uk/medcodes/articles/> | Y - none |
| Birmingham IMRD list | <https://dexter.bham.ac.uk:8181/> | Y\* |
| Cambridge code list | <https://www.phpc.cam.ac.uk/pcu/research/research-groups/crmh/cprd_cam/codelists/v11/> | Y - none |
| (NHS medication browser tool) | [https://applications.nhsbsa.nhs.uk/DMDBrowser/DMDBrowser.do#](https://applications.nhsbsa.nhs.uk/DMDBrowser/DMDBrowser.do) |  |
| LSHTM Data Compass | <https://datacompass.lshtm.ac.uk/> | Y - none |

\*Checked tas\_cataract (2020-09-30), tas\_cataract\_surgery (2020-09-30)

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| **Publications searched** | |
| 1. Ahuja, N. (2017). Coding Accuracy for Outpatient Ophthalmic Surgery: St. Joseph’s Healthcare Hamilton. *Healthcare Quarterly*, *20*(3), 69-71. doi: 10.12927/hcq.2017.25284  *(Uses CPRD between 1 January 1990 and 31 December 2010* | |
| 2. Kang, E., Pinheiro, S., Hammad, T., & Abou-Ali, A. (2014). Evaluating the validity of clinical codes to identify cataract and glaucoma in the UK Clinical Practice Research Datalink. *Pharmacoepidemiology And Drug Safety*, *24*(1), 38-44. doi: 10.1002/pds.3726  *(Uses ICD-10-CA, Canadian Classification of Health Interventions, Quality-Based Procedures criteria where applicable, and the 3M Coding and Reimbursement system)* | |
| **Validation methods (if relevant)** | **Yes/No** |
| Prevalence/ incidence |  |
| Case note review |  |
| Capture- Recapture method |  |
| Double checked |  |
| **List the search terms included (add rows as needed)** | |
| Cataract | |
| Extra/intracapsular extraction of cataract, cataract extraction and insertion of intraocular lens  (*Although lens extraction and insertion are performed in correction for refractive errors, upon discussion with Alastair Denniston, we came to conclusion that the specific mention of “cataract” in extraction process should be included)* | |
| Microphthalmia, cataract, radiculomegaly and septal heart defect  (*Included all congenital form of cataract)* | |
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| **List the search terms excluded or filtered out (add rows as needed)** | |
| Screen | |
| State following cataract extraction, keratopathy following cataract surgery, vitreous syndrome following cataract surgery | |
| Cataract/oth endocrine,nutritional+metabolic diseases CE | |
| O/E, on examination cataract absent | |
| Family history, FH | |
| Referral to cataract clinic | |
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|  | |
| *(History of, H/O excluded in cataract\_****incidence****\_090121 file.)* | |
| **Author** | *Diana Han* |
| **Date completed** | *12th January 2021* |
| **Checked by** | *<name>* |