**Coding checklist**

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| --- | --- | --- | --- |
| **Name of codelist** | *Visual\_Impairment\_Birm\_Cam* | | |
| **Definition of codelist** | Moderate – profound vision impairment and blindness (binocular) | | |
| **Databases searched** | | **Yes/No** | |
| IMRD | | **Y** | |
| CPRD Aurum | | **Y** | |
| CPRD Gold | | **Y** | |
| CEGEDIM | | **N** | |
| HES | | **N** | |
| **Existing code lists searched:** | **Link** | **Yes/No** | |
| **OpenSAFELY Codelists** | https://codelists.opensafely.org/ |  | |
| **Caliber code list** | <https://caliberresearch.org/portal/codelists> | Y (N/A) | |
| QoF | <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 (N/A) | |
| Manchester code list (optional) | <https://clinicalcodes.rss.mhs.man.ac.uk/medcodes/articles/> | Y (N/A) | |
| Birmingham IMRD list | https://dexter.bham.ac.uk:9999/# | Y | |
| Cambridge code list | <https://www.phpc.cam.ac.uk/pcu/research/research-groups/crmh/cprd_cam/codelists/v11/> | Y | |
| **Snomed CT code browser** | [SNOMED CT - Clinical finding (finding) (termbrowser.nhs.uk)](https://termbrowser.nhs.uk/?perspective=full&conceptId1=404684003&edition=uk-edition&release=v20210317&server=https://termbrowser.nhs.uk/sct-browser-api/snomed&langRefset=999001261000000100,999000691000001104) |  | |
| **ICD-10 browser** | <https://icd.who.int/browse10/2019/en#/> | Y | |
| (NHS medication browser tool) | [https://applications.nhsbsa.nhs.uk/DMDBrowser/DMDBrowser.do#](https://applications.nhsbsa.nhs.uk/DMDBrowser/DMDBrowser.do) | N/a | |
| **Publications searched** | | | |
| 1. <https://bmcmedicine.biomedcentral.com/track/pdf/10.1186/s12916-014-0181-7> | | | |
| 1. <https://www.rnib.org.uk/sites/default/files/Diabetic%20eye%20disease.%20A%20UK%20Incidence%20and%20Prevalence%20Study%20-%20Full%20report.pdf> | | | |
| **Stem code checked** | | **Yes/No** | |
| Read code | | **Y** | |
| Aurum/SnoMED-CT  termbrowser.nhs.uk | |  | |
| ICD-10 | |  | |
| **Validation methods (if relevant)** | | **Yes/No** | |
| Prevalence/ incidence | | N | |
| Case note review | | N | |
| Capture- Recapture method | | N | |
| Double checked | |  | |
| **Discussion with team members** | | | |
| D/w Dr Xiaoxan Liu (ophthalmologist) – advised that:  “I'd exclude anything where one eye is above moderate (because people can generally cope surprisingly well with one eye) - You could include one eye moderate and one eye severe, but I wouldn't include anything better than that.” | | |
| As discussed in coding team meeting, we have excluded where only one eye’s visual acuity was given or visual status only given for one eye only.  Theoretically blind/visually impaired people could be coded by 2 separate codes (e.g. coded with L eye acute <6/60 and right eye acuity <6/60)**.** We recognise that this is a limitation, but acknowledge that most of these patients will be separately coded with a blindness code | | |
| **List the search terms included (add rows as needed)** | | | |
| Searched for terms: Acuity, bettereye/better eye, blind, optic, sight, vision, visual | | | |
| Included: counting fingers, perceives light | | | |
| Included procedural codes for “blindness” as it specifies blindness  [RFC] Advice/care for the blind  Uses guide dog for the blind  Requires deafblind communicator guide  Deafblind  Dual sensory impairment - deafblind  Uses deafblind intervener  Requires deafblind block alphabet interpreter  Requires deafblind haptic communication interpreter  Blind lead dog rehabilitation  Blind rehabilitation  Exclu diab ret screen as blind  Training in use of lead dog for the blind  Lead dog for the blind training Blind rehabilitation  Blind telephone user  [RFC] Advice/care for the blind | | | |
| Included: Registered partially blind  Congenital retinal blindness  Blindness and low vision  Blindness/low vision | | | |
| Severe visual impairment, binocular  Both eyes total visual impairment  (included as severity and binocularity included) | | | |
| **List the search terms excluded or filtered out (add rows as needed)** | | | |
| Excluded: Near sighted acuity, any acuity better than 6/60, low vision, poor visual acuity, low vision aids (not specific), | | |
| Removed  Dual sensory impairment of vision and hearing – remove as not specific for level of VI  One eye blind, one eye low vision NOS – low vision not specific enough for level for VI  One eye blind, one eye low vision  Better eye: moderate VI, Lesser eye: moderate VI – if both moderate, removed  Moderate visual impairment, binocular  Moderate binocular visual impairment  Provision of guide help for visual and hearing impairment  Provision for visual and hearing impairment  Provision of guide help for visual and hearing impairment | | |
| Excluded any procedural codes for “visual impairment” as not specific what level of visual impairment it is | | |
| Excluded procedural codes for low vision – e.g. glasses provision for low vision – because not specific what level of vision “low vision includes” | | |
| Excluded where both eyes moderate VI as pr advice above  Excluded low vision – as not specific enough, may or may not qualify for registered sight impairment | | |
| **Excluded**  Sight impairment  Partial sight  Partial blindness  Low vision  Severely sight impaired  Moderate sight impairment  Moderate visual impairment  Unspecified blindness both eyes  Cortical blindness  Optic nerve injury  Optic chiasm injury  Blind (subjectively)  Provision of low vision aid for : near vision  Provision of low vision aid for : near vision  Blind teacher, home teacher for the blind, teacher of the blind (as unclear)  Vineland maturity scales adapted for the blind  Cloudy vision  Deteriorating vision  Blurred vision  Dull vision  Sudden visual loss  Vision loss (unclear whether transient)  Tunnel vision  Charles Bonnet syndrome | | |
| [X]Visual disturbances and blindness (not specific for blindness) | | |
| Any examination of one eye only (e.g. o/e L eye blind, L-eye completely blind)  Monocular vision (e.g. blind eye, blind hypotensive eye) | | |
| **Author** | *Astha Anand* | | |
| **Date completed** | Originally done on 26/8/2020 but due to errors in file redone on 1/6/21 | | |
| **Checked by** | *<name>* | | |