**Coding checklist**

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| **Name of codelist** | *PrimaryProstateCa\_prevalence\_120421*  *PrimaryProstateCa\_incidence\_120421* | |
| **Definition of codelist** | *Primary malignant prostate cancer* | |
| **Databases searched** | | **Yes/No** |
| IMRD | | **Y** |
| CPRD Aurum | | **Y** |
| CPRD Gold | | **Y** |
| CEGEDIM | | **N** |
| HES | | **N** |
| SNOMED CT:  399068003 (Malignant tumor of prostate (disorder))  254900004 (Carcinoma of prostate (disorder))\*  93974005 (Primary malignant neoplasm of prostate (disorder))\*  \*Not found in Code Builder | | **Y** |
| **Existing code lists searched:** | **Link** | **Yes/No** |
| Caliber code list | <https://caliberresearch.org/portal/codelists> | Y\* |
| 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/~~](https://dexter.bham.ac.uk:8181/) | ~~Y - none~~ |
| Cambridge code list | <https://www.phpc.cam.ac.uk/pcu/research/research-groups/crmh/cprd_cam/codelists/v11/> | Y\*\* |
| (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/cgi/search/simple?exp=0%7C1%7C%7Carchive%7C-%7Cq%3A%3AALL%3AIN%3Aprostate%7C-%7C&_action_search=1&screen=Search&search_offset=0) | <https://datacompass.lshtm.ac.uk/> | Y - |

\*Checked - cancer\_ons (04 Nov 2013), cancer\_onsicd9 (29 Oct 2013), cancer\_gprd (09 Jul 2013), cancer\_hes (08 Jul 2013)

\*\*Checked - CAN146 (New Cancer diagnosis), C02136 (Non-metastatic cancer), C10137 (Metastatic cancer), PRO170 (Prostate disorders)

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| **Publications searched** | | |
| 1. Seneviratne, M., Seto, T., Blayney, D., Brooks, J., & Hernandez-Boussard, T. (2018). Architecture and Implementation of a Clinical Research Data Warehouse for Prostate Cancer. Egems (Generating Evidence & Methods To Improve Patient Outcomes), 6(1). doi: 10.5334/egems.234  Uses ICD-9, ICD-10 | | |
| 2. | | |
| **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)** | | |
| Prostat | | |
| Suspected prostate cancer | | |
| H/O: prostate cancer, personal history of malignant neoplasm of prostate | | |
| Prostate cancer care review | | |
| Secondary malignant neoplasm | | |
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| **List the search terms excluded or filtered out (add rows as needed)**  **\*\*Search within “prostat”** | | |
| Screen, monitor, scan, referral, score, risk, biopsy, needle aspiration, Franzen, suspected, No abnormality detected, Disorders, other specified, unspecified | | |
| Prostate specific antigen, prostate cancer antigen | | |
| Hyperplasia, hypertrophy, enlarge, prostatitis, prostatocystitis, prostatism, inflammation/inflammatory, other disorders of prostate, congestion, abscess, calculus, stricture, haemorrhage, atrophy, fistula, adhesion, infarct, tomy, prostatalgia, prostatodynia, pain, hemorrhage, stone, tuberculosis, lithiasis, drainage | | |
| Fibroma, adenoma, myoma, mass | | |
| Family history, FH | | |
| O/E – prostate tender, median sulcus not preserved, diffusely enlarged prostate, swelling, calculus | | |
| Congenital, cong malform, benign, uncertain (behaviour) | | |
| Massage, inject, insert, implant, injury, operation | | |
| Haemostasis, thermotherapy, artery embolization, transurethral resection, dilation, laser, tissue drainage, stent  \**Procedure in symptomatic BPH* | | |
| Cyprostat, vega prostate formula, amyloid, adverse reaction | | |
| Discharge from secondary care prostate cancer service, seen in prostate clinic | | |
| resection, excision, Incision, radiofrequency needle ablation, transurethral electrovaporisation, microwave destruction, surgery  \*Indication includes BPH, benign prostatic obstruction | | |
| Gleason grading, Gleason prostate grade 2-4 (low)  \*Gleason score of 5 or lower are not used. | | |
| Prostatic intraepithelial neoplasia, carcinoma in situ, dysplasia  \*Precursor to cancer | | |
| Metastatic/metastasis to prostate | | |
| History, H/O  \*Included in “PrimaryProstateCa\_incidence\_120421” | | |
| **Author** | *Diana Han* | |
| **Date completed** | *12/04/2021* | |
| **Checked by** | *<name>* | |