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EARLY IDENTIFICATION TOOL

Proactive Identification SNoMeD Searches Guide

v1.3

Please note a patient could appear on more than one search dependent on their disease. However, there is an overall 'Combined List of Patients to be reviewed.'

NB: Patients who are currently on the QoF Palliative care register are excluded from the searches below. The QoF registers use the latest cluster ref sets.

GSF PIG Proactive Identification Guidance areas excluded from Early Identification Tool: Parkinsons, General neurological diseases, Stroke

Change log:
v1.3 August 2023 Various updates from meetings
v1.2 August 2022 updated QoF registers
v1.1 March 2021 updated to SNoMeD and additional search Idiopathic Pulmonary Fibrosis
v1.0 July 2019 search tool created

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Most of the searches are built using national ref sets, where applicable. You can identify the lists of codes by using the database of the link below – selecting PCD refsets and typing the code in the Cluster ID (see screenshots below - Figure 1):

Link: [Primary Care Domain Reference Set Portal](#)

Link: [Primary Care Domain Reference Set Portal](#)

Primary Care Domain reference set portal This content is based on PCD TRUD release: 20230518

About this dashboard
Welcome to the Primary Care Domain reference set portal (PCD refset portal).
You can use the dashboard to search for the content of the PCD refsets to show which SNOMED codes are included within the clusters/refsets used in business rules produced by the Primary Care Domain team. To access the main business rules publication page, please click [here](#).

Feedback
We're always looking at ways to improve this product and would love to hear any feedback you may have. Should you wish to provide any feedback, please click [here](#). Thank you!

Content
From the PCD refsets page you can search for a service or ruleset e.g. QOF Asthma, and return all the SNOMED codes within the clusters/refsets used*. You can also search for a specific cluster(s)/refset(s) to reveal the SNOMED codes included.
From the cluster outputs page you can perform similar searches but at an indicator, count and/or register level e.g. to display all the SNOMED codes used by all the clusters/refsets in the QOF BP002 indicator.
Use the buttons to the right to navigate to these pages.
It is not possible to export the content of this dashboard. However, the same information is available in .txt file format, which can be loaded into a database or viewed in Excel. To download the zip file where the most recent, and all previous, .txt data files are saved, click [here](#). If using these .txt files please make sure to read the 'Guide to using the .txt file docx' document, also included in the zip file, first.
*The content of drug clusters/refsets are not included in this dashboard. For further information on their content please use the [SNOMED browser](#) or visit the [TRUD webpages](#).

Navigate
PCD refsets
Cluster outputs

Primary Care Domain - reference sets (PCD refsets) This content is based on PCD TRUD release: 20230518 Reset SNOMED Browser

Home

Service: All | Ruleset: All | Cluster ID: All | Cluster description: All

SNOMED code: All | SNOMED code description: All

Cluster ID search: hpv

Count of SNOMED codes in selection: 69.5K

Cluster ID	Cluster description	SN	Description	PCD Refset ID ¹
3IN1VAC_COD	3-in-1 Diphtheria, tetanus, and polio vaccine administration codes	41-		
3IN1VAC_COD	3-in-1 Diphtheria, tetanus, and polio vaccine administration codes	416144004	Administration of third dose of vaccine product containing only Clostridium tetani and low dose Corynebacterium diphtheriae and inactivated Human poliovirus antigens	99902665100X

Screenshot of Primary Care Domain Reference Set Portal

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DISEASE GROUP	SNoMed Coding Term	
CANCER Patients on QOF Cancer register whose disease has metastasised or patients who have a new diagnosis in the last 12 months of brain or pancreatic cancer.	QOF Cancer register - Refset CAN_COD diagnosed after 1 April 2003	
	Malignant neoplasm of liver	93870000
	Malignant neoplasm of cerebrum	429033009
	Metastatic malignant neoplasm <i>(Includes all child codes)</i>	128462008
	Malignant neoplasm of brain	428061005
	Malignant tumour of pancreas <i>(Includes all child codes)</i>	363418001
HEART FAILURE Search for all patients who are on the QOF Heart Failure register and NYHA 3-4 and Optimal HF Therapy OR who are on the QOF Heart Failure register and emergency admission in L12m (3+ for under 75s) plus one other risk factor.	QOF Heart Failure register Refset: HF_COD	
	New York Heart Association Classification - Class III	420913000
	New York Heart Association Classification - Class IV	422293003
	On optimal heart failure therapy	915571000000102
	Emergency hospital admission <i>(Includes all child codes)</i>	183452005
	MRC Breathlessness Scale: grade 4	391125004
	MRC Breathlessness Scale: grade 5	391126003
	Refset: CKDATRISK1_COD	
	Refset: EGFR_COD	
	Haemoglobin estimation	1022431000000105

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	<p>Heart failure with reduced ejection fraction 703272007</p> <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Heart failure with reduced ejection fraction due to cardiomyopathy 703275009 <input checked="" type="checkbox"/> Heart failure with reduced ejection fraction due to coronary artery disease 703273002 <input checked="" type="checkbox"/> Heart failure with reduced ejection fraction due to heart valve disease 703276005 <input checked="" type="checkbox"/> Heart failure with reduced ejection fraction due to myocarditis 703274008 <p>Hyponatraemia Exclude some children 89627008</p> <p>Blood sodium level 1012681000000101</p> <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Plasma sodium level 1017381000000106 <input checked="" type="checkbox"/> Serum sodium level 1000661000000107
<p>COPD</p> <p>Search for all patients who are on the QOF COPD register and have MRC4/5 or percent predicted FEV1 < 30 plus one other risk factor.</p>	<p>QOF COPD Register</p> <p>MRC Breathlessness Scale: grade 4 391125004</p> <p>MRC Breathlessness Scale: grade 5 391126003</p> <p>Percent predicted FEV1 313223002</p> <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Percentage predicted FEV1 after exercise 1771021000006101 <p>Chronic obstructive pulmonary disease accident and emergency attendance since last visit 413845009</p> <p>Emergency chronic obstructive pulmonary disease admission since last appointment 414087000</p> <p>Emergency hospital admission for chronic obstructive pulmonary disease 408501008</p> <p>Multiple chronic obstructive pulmonary disease emergency hospital admissions 198901000000105</p> <p>Emergency hospital admission 183452005</p> <p>Chronic obstructive pulmonary disease patient unsuitable for pulmonary rehabilitation 371611000000107</p>

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	<p>Long-term oxygen therapy Exclude some children 243137006</p> <p>SBOT - Short-burst oxygen therapy Exclude some children 201651000000108</p> <p>Ambulatory oxygen therapy Exclude some children 201661000000106</p> <p>Noninvasive ventilation Exclude some children 428311008</p> <p>Admission to respiratory intensive care unit 183447000</p> <p>Invasive ventilation 226471000000101</p> <p>Nebuliser ventilation 233351000000109</p> <p>Congestive heart failure 42343007</p> <p>Right ventricular failure 367363000</p> <p>Oramorph</p> <p>Oramorph Concentrated</p> <p>Oramorph Sr</p> <p>Oramorph Unit Dose</p> <p>Respiratory failure Exclude some children 409622000</p> <p>(excluding Hypercapnic respiratory failure, Neonatal respiratory failure, Perinatal respiratory failure)</p>
<p>KIDNEY DISEASE</p> <p>Search for patients 18 years over who are on the QOF CKD register Stage 4/5 plus any other risk factor.</p>	<p>QOF CKD Register Stage 4-5 Refset: CKDATRISK1_COD</p> <p>Dialysis therapy stopped by renal service 1035491000000101</p>

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	<p>End-stage renal disease 46177005</p> <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Anaemia in end stage renal disease 707324008 <input checked="" type="checkbox"/> End stage renal disease due to hypertension 111411000119103 <input checked="" type="checkbox"/> End stage renal failure on dialysis 236435004 <input checked="" type="checkbox"/> End stage renal failure untreated by renal replacement therapy 236434000 <input checked="" type="checkbox"/> End stage renal failure with renal transplant 236436003 <p>Refset: EFGR_COD</p>
<p>HEPATOCELLULAR CARCINOMA</p> <p>Search for all patients who have Hepatocellular Carcinoma.</p>	<p>Malignant neoplasm of liver 93870000</p> <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Adenocarcinoma of liver 408646000 <input checked="" type="checkbox"/> Epithelioid haemangioendothelioma of liver 860831008 <input checked="" type="checkbox"/> Hepatoblastoma 109843000 <input checked="" type="checkbox"/> Local recurrence of malignant tumour of liver 314963000 <input checked="" type="checkbox"/> Lymphoma of liver 1153383006 <input checked="" type="checkbox"/> Malignant neoplasm of intrahepatic gall duct 187777008 <input checked="" type="checkbox"/> Mesothelial carcinoma of liver 788982002 <input checked="" type="checkbox"/> Metastatic malignant neoplasm to liver 94381002 <input checked="" type="checkbox"/> Primary malignant neoplasm of liver 95214007 <input checked="" type="checkbox"/> Sarcoma of liver 254601002
<p>LIVER DISEASE</p> <p>Search for all patients who are included in the Chronic liver disease</p>	<p>Refset: CLDATRISK1_COD</p> <p>Ascites 389026000</p> <p><i>(Includes all child codes)</i></p>

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<p>Ref set plus one other risk factor.</p>	<table border="0"> <tr> <td>Hepatic coma</td> <td style="text-align: right;">72836002</td> </tr> <tr> <td><input checked="" type="checkbox"/> Hepatic coma due to acute hepatic failure</td> <td style="text-align: right;">1082511000119102</td> </tr> <tr> <td><input checked="" type="checkbox"/> Hepatic coma due to alcoholic liver failure</td> <td style="text-align: right;">1082621000119108</td> </tr> <tr> <td><input checked="" type="checkbox"/> Hepatic coma due to chronic hepatic failure</td> <td style="text-align: right;">1085091000119108</td> </tr> <tr> <td><input checked="" type="checkbox"/> Hepatic coma due to hepatitis</td> <td style="text-align: right;">103931000119102</td> </tr> <tr> <td><input checked="" type="checkbox"/> Hepatic coma due to subacute liver failure</td> <td style="text-align: right;">1092691000119109</td> </tr> <tr> <td> </td> <td></td> </tr> <tr> <td>Hepatorenal syndrome <i>(Includes all child codes)</i></td> <td style="text-align: right;">51292008</td> </tr> <tr> <td> </td> <td></td> </tr> <tr> <td>Blood sodium level</td> <td style="text-align: right;">1012681000000101</td> </tr> <tr> <td><input checked="" type="checkbox"/> Plasma sodium level</td> <td style="text-align: right;">1017381000000106</td> </tr> <tr> <td><input checked="" type="checkbox"/> Serum sodium level</td> <td style="text-align: right;">1000661000000107</td> </tr> <tr> <td> </td> <td></td> </tr> <tr> <td>Blood coagulation disorder <i>(Includes all child codes)</i></td> <td style="text-align: right;">64779008</td> </tr> </table>	Hepatic coma	72836002	<input checked="" type="checkbox"/> Hepatic coma due to acute hepatic failure	1082511000119102	<input checked="" type="checkbox"/> Hepatic coma due to alcoholic liver failure	1082621000119108	<input checked="" type="checkbox"/> Hepatic coma due to chronic hepatic failure	1085091000119108	<input checked="" type="checkbox"/> Hepatic coma due to hepatitis	103931000119102	<input checked="" type="checkbox"/> Hepatic coma due to subacute liver failure	1092691000119109	 		Hepatorenal syndrome <i>(Includes all child codes)</i>	51292008	 		Blood sodium level	1012681000000101	<input checked="" type="checkbox"/> Plasma sodium level	1017381000000106	<input checked="" type="checkbox"/> Serum sodium level	1000661000000107	 		Blood coagulation disorder <i>(Includes all child codes)</i>	64779008
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<p>MOTOR NEURONE DISEASE</p> <p>Search for all patients who have Motor Neurone Disease.</p>	<p>Refset: MND_COD</p>																												
<p>FRAILITY and DEMENTIA</p> <p>Patients with a diagnosis of severe</p>	<table border="0"> <tr> <td>Severe frailty</td> <td style="text-align: right;">925861000000102</td> </tr> <tr> <td>QoF Dementia register</td> <td></td> </tr> </table>	Severe frailty	925861000000102	QoF Dementia register																									
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frailty or are on the QOF Dementia register plus one other risk factor.	Pressure ulcer Stage 3 care	385924009
	Pressure ulcer Stage 4 care	385928007
	Pressure ulcer	399912005
	Pneumonitis due to inhalation of food or vomitus	196032009
	Aspiration pneumonitis	155597006
	<input checked="" type="checkbox"/> Aspiration pneumonia	422588002
	<input checked="" type="checkbox"/> Aspiration pneumonitis due to and following anaesthesia during labour and delivery	196040003
	<input checked="" type="checkbox"/> Pneumonitis due to aspiration of blood	735466008
	<input checked="" type="checkbox"/> Pneumonitis due to inhaled substance	415126001
	Dysphagia	40739000
	Swallowing symptoms	267048005
	Urinary incontinence	165232002
	Incontinence of faeces	72042002
	Number of falls in last year	391002003
	Recurrent falls	279992002
	At high risk of falls	835591000000101
	Falls caused by medication	408561005
Fragility fracture	306171000000106	
H/O: fragility fracture	391092009	
Pathological fracture due to osteoporosis	443165006	

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	Difficulty communicating	288579009
	Has difficulty with speech	162294008
	Deterioration in ability to communicate	707262008
	Hearing difficulty	Exclude some children 162340000
	Needs help with dressing	129039006
	Needs help in toilet	129045003
	Dependent for bathing	129043005
	Needs help with feeding	165223004
	Dependent on helper pushing wheelchair	413121008
	Mobility poor	160693001
	Reduced mobility	8510008
	Mobility very poor	160692006
	Dependent for dressing	129065005
	Dependent for feeding	165222009
	Dependent transfer from bed to chair	715089000
	Housebound	160689007
	<input checked="" type="checkbox"/> Temporarily housebound	428415003
	Lives in a nursing home	160734000
Idiopathic Pulmonary Fibrosis	Idiopathic pulmonary fibrosis	700250006
Search for all patients who have	<input checked="" type="checkbox"/> Acute exacerbation of idiopathic pulmonary fibrosis	789574002
	<input checked="" type="checkbox"/> Familial idiopathic pulmonary fibrosis	426437004
	<input checked="" type="checkbox"/> Pulmonary fibrosis, hepatic hyperplasia, bone marrow hypoplasia syndrome	723829000

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<p>Data Quality Check</p> <p>PAL2. Pts with 'Seen by Palliative Care Service' code Last 2 years and not on QOF Palliative Care register</p> <p>PAL3. On QOF Palliative Care Register but NO GSF</p>	<p>QOF Palliative Care register Refset: PALCARE_COD</p> <hr/> <p>Seen by palliative care service 441874000</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="background-color: #e6f2ff;">On gold standards palliative care framework</td> <td style="text-align: right;">Exclude some children</td> <td style="text-align: right;">414937009</td> </tr> <tr> <td>Gold standards framework supportive care stage 1 - advancing disease</td> <td></td> <td style="text-align: right;">518901000000101</td> </tr> <tr> <td>Gold standards framework supportive care stage 2 - increasing decline</td> <td></td> <td style="text-align: right;">518941000000103</td> </tr> <tr> <td>Gold standards framework prognostic indicator stage D (red) - days prognosis</td> <td></td> <td style="text-align: right;">845771000000107</td> </tr> <tr> <td>Gold standards framework prognostic indicator stage B (green) - months prognosis</td> <td></td> <td style="text-align: right;">845721000000108</td> </tr> <tr> <td>Gold standards framework prognostic indicator stage C (yellow) - weeks prognosis</td> <td></td> <td style="text-align: right;">845751000000103</td> </tr> <tr> <td>Gold standards framework prognostic indicator stage A (blue) - year plus prognosis</td> <td></td> <td style="text-align: right;">845701000000104</td> </tr> <tr> <td>Gold standards framework supportive care stage 3 - last days: category D - days prognosis</td> <td></td> <td style="text-align: right;">519061000000107</td> </tr> <tr> <td>Gold standards framework supportive care stage 3 - last days: category C - weeks prognosis</td> <td></td> <td style="text-align: right;">519041000000106</td> </tr> <tr> <td>Gold standards framework supportive care stage 3 - last days: category B - months prognosis</td> <td></td> <td style="text-align: right;">754401000000106</td> </tr> </table>	On gold standards palliative care framework	Exclude some children	414937009	Gold standards framework supportive care stage 1 - advancing disease		518901000000101	Gold standards framework supportive care stage 2 - increasing decline		518941000000103	Gold standards framework prognostic indicator stage D (red) - days prognosis		845771000000107	Gold standards framework prognostic indicator stage B (green) - months prognosis		845721000000108	Gold standards framework prognostic indicator stage C (yellow) - weeks prognosis		845751000000103	Gold standards framework prognostic indicator stage A (blue) - year plus prognosis		845701000000104	Gold standards framework supportive care stage 3 - last days: category D - days prognosis		519061000000107	Gold standards framework supportive care stage 3 - last days: category C - weeks prognosis		519041000000106	Gold standards framework supportive care stage 3 - last days: category B - months prognosis		754401000000106
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<p>Mortality Audit</p> <p>This search can help practice reviewing those patients who have died in the last 12 months. Viewing the report indicates if they were already on the Palliative care register, had an EPaCCS record, preferred place of death/care and carer/next of kin details</p>	<p>QOF Palliative Care register Refset: PALCARE_COD</p> <p>Consent given for sharing end of life care coordination record 882921000000109</p> <p>Refset: PREFPLDEATH_COD</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="background-color: #e6f2ff;">Patient's next of kin</td> <td style="text-align: right;">184142008</td> </tr> <tr> <td style="background-color: #e6f2ff;">Has a carer <i>(Includes all child codes)</i></td> <td style="text-align: right;">184156005</td> </tr> <tr> <td style="background-color: #e6f2ff;">Carer's details <i>(Includes all child codes)</i></td> <td style="text-align: right;">184140000</td> </tr> </table>	Patient's next of kin	184142008	Has a carer <i>(Includes all child codes)</i>	184156005	Carer's details <i>(Includes all child codes)</i>	184140000																								
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- iii. the results that may be obtained from the use of the searches will be effective, accurate or reliable
- iv. the quality of the searches will meet your expectations

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