Ensure all diabetic patients are coded with the correct diagnosis in the clinical software.

📜 Unknown macro: 'export-link'

| Recipe Name: | Ensure all diabetic patients are coded with the correct diagnosis in the clinical software. |
|---------------------------|---|
| Rationale: | Practice registers are critical for case finding and monitoring progress of patients in the early stage of developing a chronic complex condition. This recipe will show how to improve your diabetes register. |
| Target: | Patients with a non specific diagnosis of diabetes (neither type I or type II) and patients with indicators for diabetes but no coded diagnosis |
| CAT Starting Point: | CAT Open - CAT4 view (all reports) loaded Population extract loaded and Extract Pane "Hidden" a. Filter Pane open |



This recipe has two steps, the first one being to find patients coded with a non specific diagnosis of diabetes (neither type I nor type II) and the second step will show patients with indicated diabetes but no coded diagnosis at all recorded.

RECIPE Steps - Finding undefined diabetes:

On the "Conditions" filter tab, select "Undefined Diabetes"

| Filter | | | | | | | | | | | | | | |
|--|-------|-------------|-------|-----------------------|-----------|-----------------------|-------|------------------------|-------|-----------------------|------------------|--|--|--|
| General Ethnicity Conditional Medications Date Range (Results) Date Range (Visits) Patient Name Patient Status Providers Risk Factors MBS Attendance Saved Filters | | | | | | | | | | | | | | |
| Cironic Mental Health Cancer Other | | | | | | | | | | | | | | |
| Diabetes | | Respiratory | | Cardiovascular | | | | Musculoskeletal | | Renal Impairment | | | | |
| Yes | No No | Yes | No No | Yes | No No | | | Yes | No No | Yes | No | | | |
| Type II | No No | Asthma | No No | Hypertension | No | | | Inflammatory Arthritis | No No | Chronic Renal Failure | No | | | |
| Type I | No No | COPD | No No | Cardiovascular Diseas | se (CVD): | | | Musculoskeletal Other | No No | Acute Renal Failure | No No | | | |
| Undefined Diabetic | No No | | | Heart Failure | No No | | | Bone Disease | No No | Dialysis | No | | | |
| Type I or II | | | | CHD | No | PAD PAD | No No | Osteoporosis | No No | | | | | |
| | | | | Stroke | No | Carotid Stenosis | No | Osteoarthritis | No No | Kidney Transplant | No | | | |
| Gestational | No | | | I MI | No No | Renal Artery Stenosis | No No | | | | Clear Conditions | | | |

After you have applied this filter:

- Click 'Recalculate'
- Click 'Hide Filters'

This filter will show you all patients who have an undefined diagnosis of diabetes, to see their details click on the "View Population" icon.



This will produce a list of all patients matching the filter and allow you to check their records. This list can exported or printed using the icons on top of the report. Please also note that the last column will display the date of the last visit and the assigned provider of the patients:

| 🔇 Pat | tient Rei | identification | | | | | | | | | | | | | | - 0 | × | |
|-------|-----------------|--------------------------------|---------------------------------|---------------------------------------|--------------------------|---------|-------------------------|--|-----------|-----------|--------------------------------|--------------------------------|------------------|--------------------------------------|-------------------------------------|-------------------------|----------------------------|--|
| И | \triangleleft | 1 01 | f4 D | XX | 80 | - Ŭ | 6 - | 100% | Find | | | | | | | | | |
| | | Reident Filtering | ify Repor t By: Condi | t [Patient Co itions (Undef | ount = 56] ined Diabe | tes - Y | ✓ PI H es] M R | DF File TML File IHT File IF File | | | | | | | | | * | |
| | | ID | Surname | First Name | Known As | Sex I | D.C Di Ag XI | OCX File LS File | City | Postcode | Phone (H/W) | Phone (M) | Medicare | IHI | Assigned Provider 8 Last Seen | L | | |
| | | 9075 | Surname | Firstname_1 | Firstname_1 | F | 01/ XI | XLSX File CSV File Text File Image File | Suburb To | wn 3996 | H:07 50505050 W:07 50509999 | 1234999999 | 12341234123 4 | | Surname_2 04/11/2020 | | | |
| | | 4601 | Surname | Firstname_57 | Firstname_57 | M | 01/ [51] Te | | Text File | Suburb To | wn 4563 | H:07 50505050 W:07 50509999 | 1234999999 | 12341234123 4 12341234123 4 | 3 | Surname_2 21/12/2017 | | |
| | | 25 | Surname | Firstname_46 2 | Firstname_46 2 | M | 01/ In (79) | | | Suburb To | wn 2561 | H:07 50505050 W:07 50509999 | 1234999999 | | | None 16/09/2020 | | |
| | | 7399 | Surname | Firstname_50 2 | Firstname_50 2 | F | 01/01/1966 (55) | 12 John St | Suburb To | wn 5710 | H:07 50505050 W:07 50509999 | 1234999999 | 12341234123 4 | | Surname_14 09/06/2020 | 1 | | |
| | | 5652 | Surname | Firstname_75 2 | Firstname_75 2 | F | 01/01/1974 (47) | 12 John St | Suburb To | wn 4945 | H:07 50505050 W:07 50509999 | 1234999999 | 12341234123 4 | | Surname_14 11/04/2020 | 1 | | |
| | | 3452 | Surname | Firstname_78 8 | Firstname_78 8 | М | 01/01/1945 (76) | 12 Jogger St | Suburb To | wn 3768 | H:07 50505050 W:07 50509999 | 1234999999 | 12341234123 4 | | Surname_19 16/12/2020 |) | | |
| | | 5204 | Surname | Firstname_80 3 | Firstname_80 3 | M | 01/01/1980 (41) | 12 Jogger St | Suburb To | wn 2175 | H:07 50505050 W:07 50509999 | 1234999999 | 12341234123 4 | | Surname_19 22/10/2019 |) | | |
| | | 1113 | Surname | Firstname_87 9 | Firstname_87 9 | F | 01/01/1940 (81) | 12 John St | Suburb To | wn 3212 | H:07 50505050 W:07 50509999 | 1234999999 | 12341234123 4 | | None 23/06/2016 | | Ŧ | |
| Refin | ne | Add/Withdraw Patient Conser | v nt | | | | | | | | | | | So Share Plus | SMS Vo Recall F | cemail ecall | topbar Topbar Prompt | |

Recipe Steps - Finding patient with indications for diabetes but no diagnosis recorded

- Clear all filters
- Select the Data Cleansing/Indicated Diabetes with no diagnosis tab in the reports

| r | | | | | | | | | | | | | | | | | | | | | | | |
|--|-------------------|--------------------|---------------------|-----------|-------------------------------|------------|--------|------------------|--------|----------|---------------|--------|----------|---------|----------|-----------------|-----------|-----------------------|-----------|---------------------|-------------|----------|-------|
| Best Practice, Live Database, Extract Date: 01/01/2021 3:12 AM | | | | | | | | | | | | | | | | | | | | | | | |
| Demographics | Ethnicity Data Qu | uality Data Cleans | ing Allergies Smoki | ing Alcoh | nol Measures Pathology Diseas | e Screenin | g Como | orbidities Medic | ations | Diabetes | SIP Items CKD | Muscul | oskeleti | I CV Ev | ent Risk | CHA2DS2VA Score | Immunisat | ions Standard Reports | MBS Items | MBS Eligibility Set | xual Health | Viral He | z∢ ⊁. |
| Missing Demographics Missing Clinical/Accreditation Items Indicated CKD with No Diagnosis Indicated Diabetes with No Diagnosis Indicated Mental Health with No Diagnosis Indicated COPD with No Diagnosis Indicated Cope of the Control | | | | | | | | | | | | | | | | | | | | | | | |
| Indicated Reviewed | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | |
| Patient List page 1 of 7 [Count = 139] Save & Remove D | | | | | | | | | | | | | | Expor | Page No. | 1 0 | Go | | | | | | |
| Deuble-click a patient to open it in your clinical system (MD_BRF2admed). Click on Column Heading to soft | | | | | | | | | | | | | | | | | | | | | | | |
| Likely | Possible | Review | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | |
| Surname | First Name | DOB | Indication Date | Sex | Anti-diabetic Medication | HbA1c | FBG | Eye Exam | BMI | BP | Foot Exam | Chol | Trig | HDL | Malb | Smoking | eGFR | Assigned Provider | Confirm | Condition Does No | ot Exist | | |
| Surname | Firstname_10020 | 01/01/1949 | 03/10/2019 | F | | 6.2 | | | 22.9 | 117/86 | | 5.6 | 1.2 | 1.30 | 62 | Smoker | 85 | Surname_5 | | | | | - |
| Surname | Firstname_10048 | 01/01/1980 | 21/07/2020 | M | Y | 6.1 | 6.3 | | 32.7 | 120/80 | | 6.3 | 2.7 | 0.87 | | Ex smoker | 109.522 | Surname_5 | | | | | |
| Surname | Firstname_10109 | 01/01/1959 | 03/11/2016 | M | | 6.2 | 7.0 | | | 117/72 | | 3.6 | 1.3 | 0.96 | | Ex smoker | 93.974 | Surname_16 | | | | | |
| Surname | Firstname_10110 | 01/01/1975 | 20/03/2018 | F | | | 7.1 | | 42.8 | | | 4.3 | 2.1 | 0.84 | | Ex smoker | 91.087 | Surname_5 | | | | | |
| Surname | Firstname_1012 | 01/01/1950 | 07/07/2016 | F | | | 8.4 | | | 157/103 | | 6.7 | 1.6 | 1.47 | 0 | Never smoked | 86 | Surname_14 | | | | | |
| Surname | Firstname_10287 | 01/01/1942 | 19/10/2020 | M | Υ | 8.4 | | | 31.5 | 155/90 | | 2.7 | 1.5 | 0.67 | 5 | Never smoked | 85 | Surname_5 | | | | | |
| Surname | Firstname_10366 | 01/01/1932 | 30/09/2020 | M | | 6.2 | | | 30.4 | 107/52 | | 4.0 | 1.3 | 1.12 | | Never smoked | 37 | Surname_24 | | | | | |
| Surname | Firstname_10373 | 01/01/1944 | 28/05/2015 | M | | 6.5 | | | 33.1 | 150/67 | | 3.5 | 1.3 | 0.73 | | Smoker | 51 | | | | | | |
| Surname | Firstname_1038 | 01/01/1946 | 25/02/2019 | F | | 10.8 | | | | | | 5.4 | 4.1 | 0.91 | 809 | | 24 | | | | | | |
| Surname | Firstname_1041 | 01/01/1947 | 09/11/2020 | M | γ | | | | 27.4 | 113/97 | | 6.0 | 1.6 | 1.20 | | Never smoked | 84 | Surname_13 | | | | | |
| Surname | Firstname_10454 | 01/01/1963 | 09/05/2020 | M | | 6.2 | | | | 133/104 | | 6.2 | 0.9 | 1.20 | | Ex smoker | 110.015 | Surname_14 | | | | | |
| Surname | Firstname_10466 | 01/01/1970 | 31/08/2020 | F | | 6.2 | | | 27.5 | 142/96 | | 5.7 | 2.8 | 1.24 | 42 | Never smoked | 112.229 | Surname_19 | | | | | |
| Surname | Firstname_10478 | 01/01/1951 | 11/11/2019 | M | | 6.1 | 6.1 | | 23.4 | 143/75 | | 3.0 | 1.0 | 1.15 | | Ex smoker | 84 | Surname_13 | | | | | |
| Surname | Firstname_10576 | 01/01/1954 | 13/11/2020 | M | | 6.3 | 5.7 | | 28.7 | 156/62 | | 5.4 | 1.2 | 1.52 | | Smoker | 78 | Surname_14 | | | | | |
| Surname | Firstname_10652 | 01/01/1952 | 23/05/2013 | M | | 6.3 | 7.3 | | | 144/71 | | 3.6 | 3.7 | 1.00 | | Never smoked | 84 | Surname_16 | | | | | |
| Surname | Firstname_10754 | 01/01/1945 | 01/12/2020 | F | | 6.6 | | | 33.6 | 180/97 | | 6.3 | 1.8 | | | Never smoked | 85 | Surname_25 | | | | | |
| Surname | Firstname_11017 | 01/01/1955 | 14/05/2009 | F | | | 7.3 | | | 141/79 | | 4.8 | 0.8 | 1.67 | | Never smoked | 70 | Surname_21 | | | | | |
| Surname | Firstname_11033 | 01/01/1956 | 16/04/2018 | F | | 6.2 | | | 36.6 | 126/69 | | 5.1 | 1.9 | 1.16 | | Never smoked | 88 | | | | | | _ |
| Sumama | Firstname 11120 | 01/01/1033 | 15/06/2020 | F | | 6.5 | | | 32.0 | 103/75 | | 5.2 | 1.8 | 1.92 | | Never emoked | 63 | Sumame 5 | | | | | Ŧ |

For full details on the criteria used for this report please see here: Indicated Conditions Report Details

The colors indicated the likelihood of the patient having diabetes, but it is recommended to review all patients listed. Assigned providers are listed and there is an option to confirm that the condition does not exist for false positive listings. Topbar provides exactly the same report for each patient in the consult room in the Data Cleansing app - for full details please see here: Data Cleansing App

Once the review is completed, ideally no more patients are showing on the report above as patients with diabetes have been correctly coded and patients who don't have diabetes have been reviewed and removed from this report. The review can be done in Topbar or CAT4 and will be communicated between the tools.



If you identify large numbers of patients who have been coded in free text MD3 and BP offer a method to clean up 'in bulk'. The process is described here for MD3 users and here for BP users

To Export Patient List to Microsoft Excel:

1. Click on the "Export Icon"



at the top of the Patient Reidentification window.

- 2. Click on "Excel"
- 3. Choose a file name and a location to save to (eg. Create a folder C:/ClinicalAudit/CAT Patient FollowUp)
- 4. Click "Save"

The steps above will produce a list of patients with contact details in MS Excel which can then be used to:

- 1. Go back through the individual patient records in the GP Clinical Desktop System (CDS) and update known records
- 2. Phone patients to update their record
- 3. Produce a mail merge to recall patients for follow up