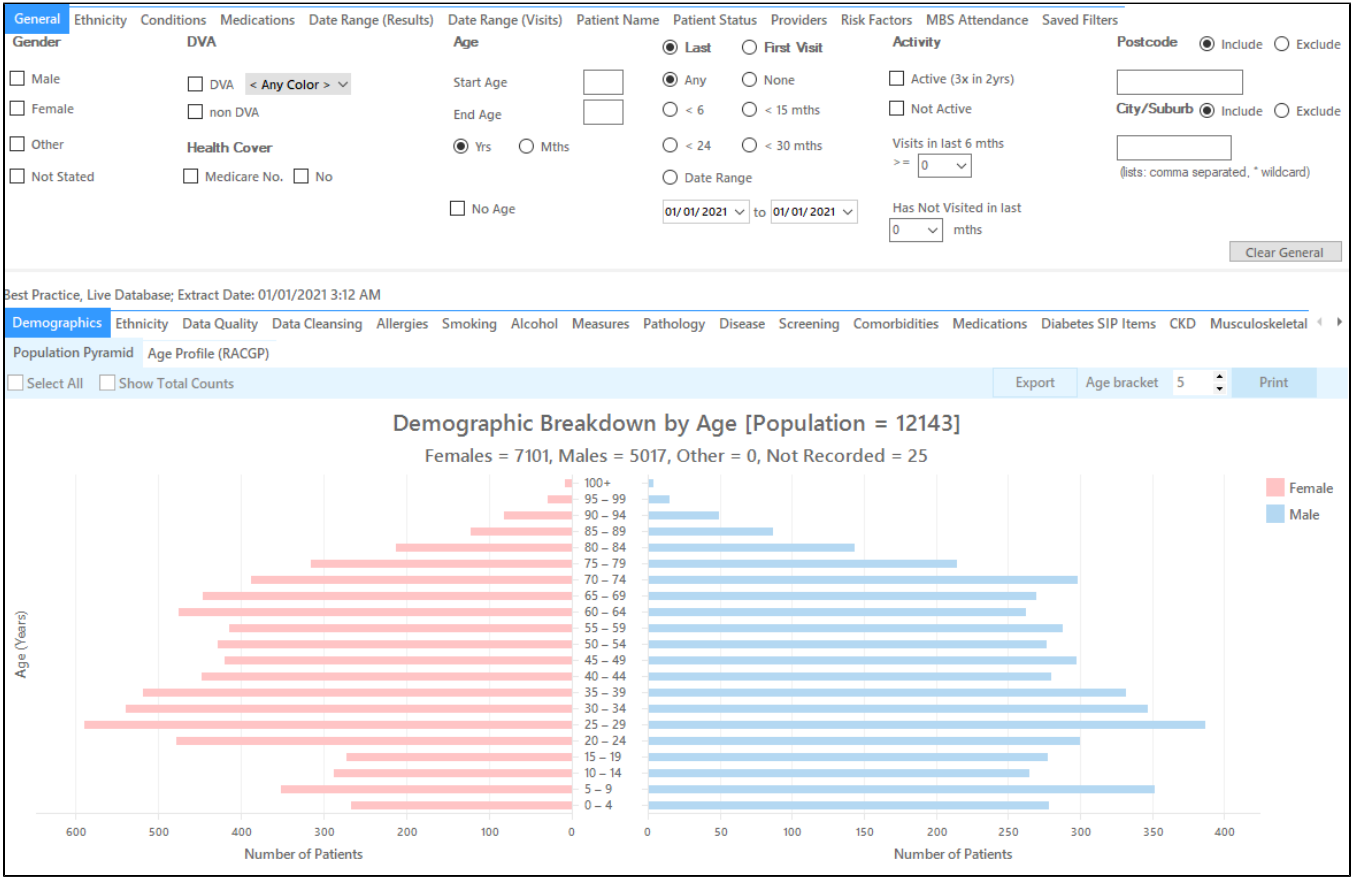


# Identifying Home Medication Review candidates: Heart Failure patients who are not on ACE inhibitors

Recipe Name:	Identifying Home Medication Review candidates: Heart Failure patients who are not on ACE inhibitors
Rationale:	ACE inhibitors reduce mortality and morbidity at any grade of systolic heart failure (NPS News 57), even in patients with asymptomatic disease. A search of electronic records can help identify high-risk patients who may benefit from a medication review. This initiative will assist GPs in improving the quality of their prescribing for heart failure.
Target:	To identify patients who would benefit from a Home Medication Review (DMMR).
CAT Starting Point:	<div>1. CAT Open - CAT4 view (all reports) loaded</div> <div>2. Population Extract Loaded and Extract Pane "Hidden"</div> <div>    a. Filter Pane open and under the 'General' tab 'Active Patients' (3x &lt;2 years) selected (this step can be omitted if you want to search for all patients).</div>



Clear General

Best Practice, Live Database; Extract Date: 01/01/2021 3:12 AM

Demographics

Ethnicity

Data Quality

Data Cleansing

Allergies

Smoking

Alcohol

Measures

Pathology

Disease

Screening

Comorbidities

Medications

Diabetes SIP Items

CKD

Musculoskeletal

Population Pyramid

Age Profile (RACGP)

☐ Select All

☐ Show Total Counts

Export

Age bracket 5

Print

Demographic Breakdown by Age [Population = 12143]

Females = 7101, Males = 5017, Other = 0, Not Recorded = 25

Age (Years)

Number of Patients

Female

Male

100+

95 - 99

90 - 94

85 - 89

80 - 84

75 - 79

70 - 74

65 - 69

60 - 64

55 - 59

50 - 54

45 - 49

40 - 44

35 - 39

30 - 34

25 - 29

20 - 24

15 - 19

10 - 14

5 - 9

0 - 4

600

500

400

300

200

100

0

0

50

100

150

200

250

300

350

400

### Filter Steps

- Under the 'Conditions' tab, choose the 'Chronic' tab, and then select 'Heart Failure' under the Cardiovascular section

General	Ethnicity	Conditions	Medications	Date Range (Results)	Date Range (Visits)	Patient Name	Patient Status	Providers	Risk Factors	MBS Attendance	Saved Filters			
<div> <div>Chronic</div> <div>Mental Health</div> <div>Cancer</div> <div>Other</div> </div>														
<b>Diabetes</b> <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Type II <input type="checkbox"/> No <input type="checkbox"/> Type I <input type="checkbox"/> No <input type="checkbox"/> Undefined <input type="checkbox"/> No <input type="checkbox"/> Type I or II <input type="checkbox"/> Gestational <input type="checkbox"/> No			<b>Respiratory</b> <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Asthma <input type="checkbox"/> No <input type="checkbox"/> COPD <input type="checkbox"/> No			<b>Cardiovascular</b> <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Hypertension <input type="checkbox"/> No <input type="checkbox"/> Cardiovascular Disease (CVD): <input checked="" type="checkbox"/> Heart Failure <input type="checkbox"/> No <input type="checkbox"/> CHD <input type="checkbox"/> No <input type="checkbox"/> PAD <input type="checkbox"/> No <input type="checkbox"/> Stroke <input type="checkbox"/> No <input type="checkbox"/> Carotid <input type="checkbox"/> No <input type="checkbox"/> MI <input type="checkbox"/> No <input type="checkbox"/> Renal Artery <input type="checkbox"/> No			<b>Musculoskeletal</b> <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Inflammatory <input type="checkbox"/> No <input type="checkbox"/> Musculoskelet <input type="checkbox"/> No <input type="checkbox"/> Bone Disease <input type="checkbox"/> No <input type="checkbox"/> Osteoporosis <input type="checkbox"/> No <input type="checkbox"/> Osteoarthritis <input type="checkbox"/> No			<b>Renal Impairment</b> <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Chronic Renal <input type="checkbox"/> No <input type="checkbox"/> Acute Renal <input type="checkbox"/> No <input type="checkbox"/> Dialysis <input type="checkbox"/> No <input type="checkbox"/> Kidney <input type="checkbox"/> No <div>Clear Conditions</div>		

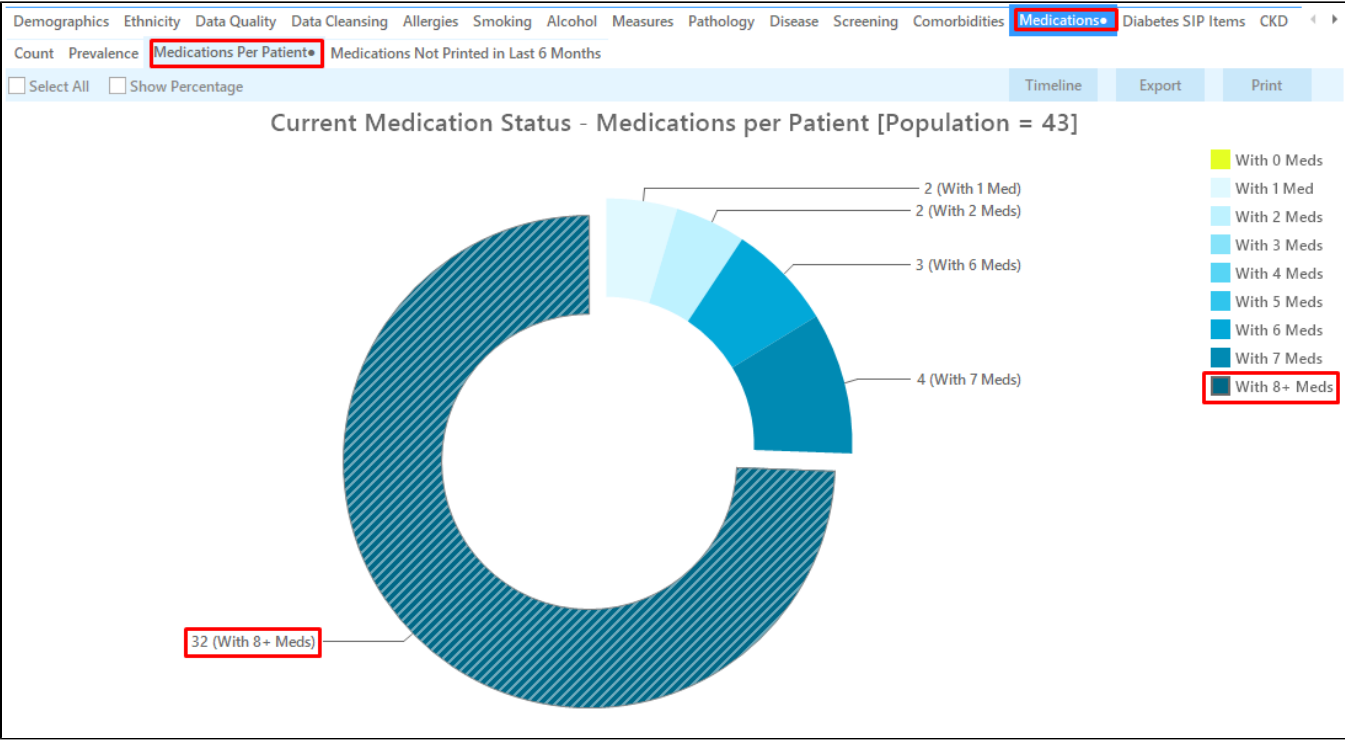
- Under the 'Medications - Heart' tab, in the "ACE or ARB" category, tick "No".

General	Ethnicity	Conditions	Medications	Date Range (Results)	Date Range (Visits)	Patient Name	Patient Status	Providers	Risk Factors	MBS Attendance	Saved Filters						
<div> <div>Medications - Heart</div> <div>Medications - Respiratory</div> <div>Medication - Antidiabetics</div> <div>Medications - Other</div> </div>																	
<b>ACE or ARB</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			<b>Antithrombotics</b> <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Aspirin <input type="checkbox"/> No <input type="checkbox"/> Clopidogrel <input type="checkbox"/> No <input type="checkbox"/> Dabigatran <input type="checkbox"/> No <input type="checkbox"/> Warfarin <input type="checkbox"/> No			<b>Beta Blockers</b> <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Antihypertensi <input type="checkbox"/> No <input type="checkbox"/> Chronic Heart <input type="checkbox"/> No <input type="checkbox"/> Myocardial <input type="checkbox"/> No			<b>Calcium</b> <input type="checkbox"/> Yes <input type="checkbox"/> No			<b>Diuretics</b> <input type="checkbox"/> Yes <input type="checkbox"/> No			<b>Lipid M/tying</b> <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Statins <input type="checkbox"/> No <input type="checkbox"/> Other <input type="checkbox"/> No <div>Clear Medications</div>		

- Click 'Recalculate' to apply the filter

## Recipe Steps Reports

- Hide Filters
- Select the "Medications" tab
- Select the "Medications per Patient" tab
- Click the "with 8+ meds" slice of the graph
- Click on Export to show the list of patients



This list will display those patients diagnosed with Heart Failure who are not on ACE inhibitors, but are on more than 8 other medications.

Patient Reidentification

1 of 3

Find

### Reidentify Report [Patient Count = 32]

Filtering By: Conditions (CVD - Heart Failure), Medications (ACE or A2 Blockers - No), Selected: Med. Count (16, 23, 10, 14, 19, 25, 18, 15, 8, 13, 11, 12, 20, 17, 9)

ID	Surname	First Name	Known As	Sex	D.O.B (Age)	Address	City	Postcode	Phone (H/W)	Phone (M)	Medicare	IHI	Med. Count
5760	Surname	Firstname_92	Firstname_92	F	01/01/1932 (89)	12 John St	Suburb Town	5461	H:07 50505050 W:07 50509999	1234999999	12341234123	4	16
2332	Surname	Firstname_10	Firstname_10	M	01/01/1936 (85)	12 Jogger St	Suburb Town	2917	H:07 50505050 W:07 50509999	1234999999	12341234123	4	23
8858	Surname	Firstname_11	Firstname_11	F	01/01/1923 (98)	12 John St	Suburb Town	5031	H:07 50505050 W:07 50509999	1234999999	12341234123	4	10
11795	Surname	Firstname_11	Firstname_11	M	01/01/1931 (90)	12 Jogger St	Suburb Town	5723	H:07 50505050 W:07 50509999	1234999999	12341234123	4	14
2413	Surname	Firstname_20	Firstname_20	F	01/01/1934 (87)	12 John St	Suburb Town	4423	H:07 50505050 W:07 50509999	1234999999	12341234123	4	19
8328	Surname	Firstname_25	Firstname_25	M	01/01/1934 (87)	12 Jogger St	Suburb Town	4067	H:07 50505050 W:07 50509999	1234999999	12341234123	4	14
7821	Surname	Firstname_28	Firstname_28	F	01/01/1932 (89)	12 John St	Suburb Town	5563	H:07 50505050 W:07 50509999	1234999999	12341234123	4	25
5000	Surname	Firstname_30	Firstname_30	F	01/01/1938 (83)	12 John St	Suburb Town	2728	H:07 50505050 W:07 50509999	1234999999	12341234123	4	16

Refine Selection Add/Withdraw Patient Consent GoShare Plus SMS Recall Voicemail Recall Topbar Prompt

Create a prompt to display in Topbar



Remember you need to be in the CAT4 Daily View to be able to create prompts. Other pre-requisites are:

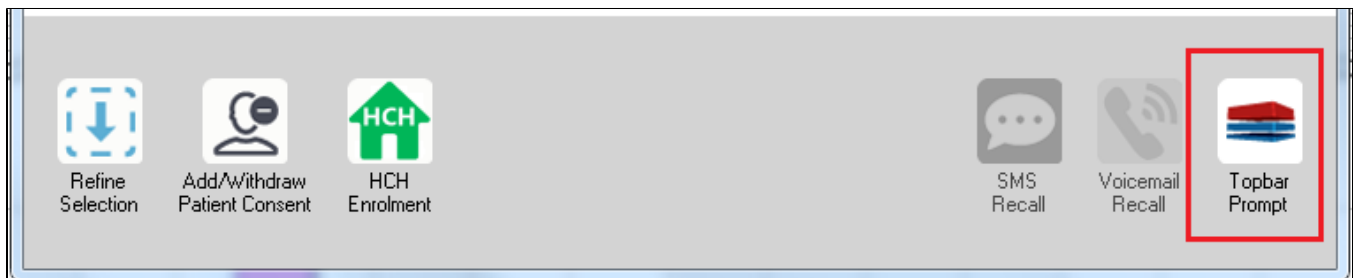
- Topbar is installed
- CAT4 is linked to Topbar via Edit/Preferences/Topbar - check here for details: [Linking CAT to Topbar](#)

To start click on the 'Daily View' icon on the top of your CAT4 screen:



Once you have applied the filter(s) and displayed the patients of interest as described above, you can create a prompt that will be shown to all clinicians using Topbar if a patient meeting the prompt criteria is opened in their clinical system. The full guide is available at [CAT PLUS PROMPTS](#) and a short guide on how to create prompts in CAT4 can be found at [Creating a Prompt in CAT4](#)

To start you have to use the drop-down menu at the bottom of the patient details report and select "Prompt at Consult - Topbar" then click on "Go" to give the new prompt a name.



The name you enter is the prompt text displayed in Topbar, so choose a simple but clear name that tells the clinician seeing the prompt what should be done.

Patient Reidentification

1 of 3

**Reidentify Report [patient count = 103]**

Filtering By: Conditions (Diabetes - Yes), Last Results <= 12 mths, Selected: H

ID	Surname	First Name	Known As	Sex	D.O.B	Address
2623	Surname	Firstname_58	Firstname_58	M	01/02/1979	12 Jog
3891	Surname	Firstname_59	Firstname_59	M	01/02/1970	12 Jog
6993	Surname	Firstname_264	Firstname_264	F	01/02/1974	12 Joh

**Topbar Prompt**

Name: message to clinician goes here

**Filters:**

category (Diabetes): Yes  
Last Results <= 12 mths

**Charts:**

HBA1c Status in % : No HBA1c Recorded

OK Cancel

Refine Selection Add/Withdraw Patient Consent HCH Enrolment SMS Recall Voicemail Recall Topbar Prompt

#### 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