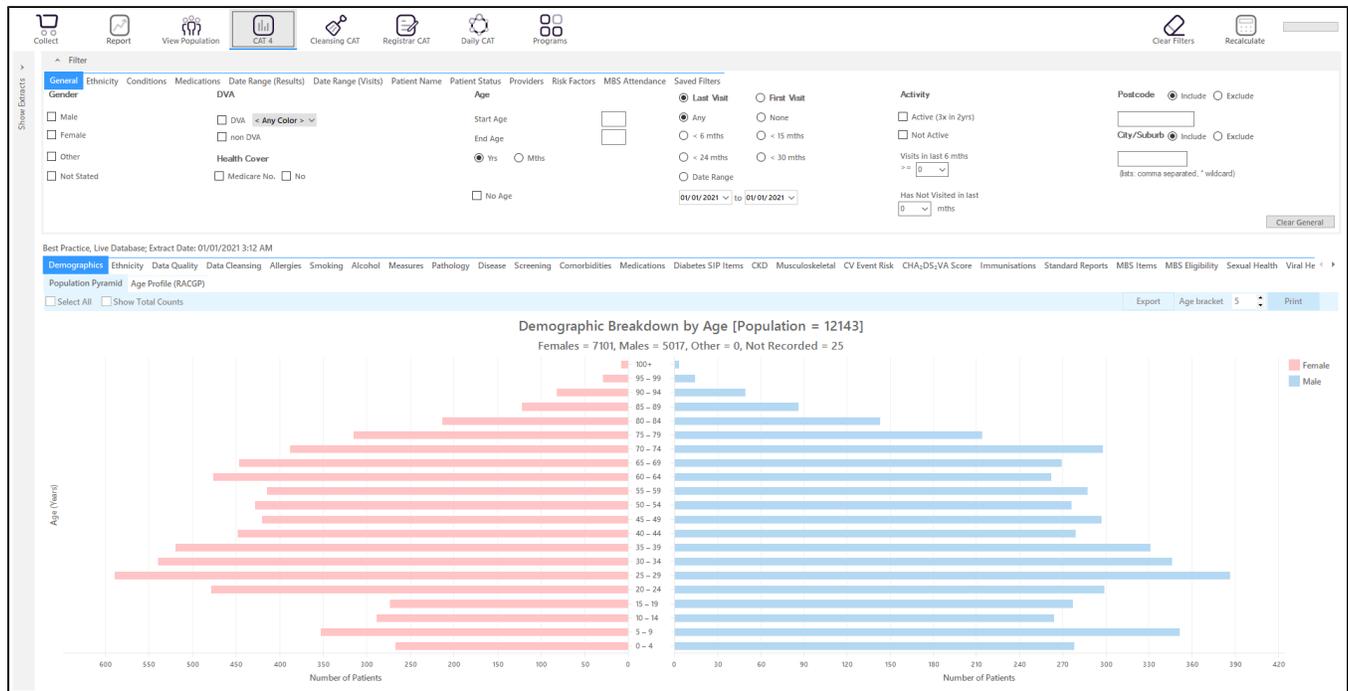


Identify Patients at High Risk for Dementia

[Click here to export this guide to PDF](#)

Recipe Name	Identify eligible patients who are at high risk for dementia
Rationale	Use of multiple indicators may be able to detect those at high risk, but then management implications need to be considered. This includes the heightened risk of carer burden, but challenges present with approaching carers.
Target	<p>Clients that are not coded with a diagnosis matching the Dementia definition, who:</p> <p>are coded with a diagnosis of depression, AND</p> <p>are recorded as a smoker,</p> <p>AND</p> <p>are coded with a diagnosis matching the Diabetes definition, OR</p> <p>are coded with a diagnosis matching the Cardiovascular Disease definition, OR</p> <p>have a stroke recorded at any time, OR</p> <p>**have had an Absolute Risk conducted in the last 2 years and the result has been recorded as High</p>
CAT Starting Point	<ol style="list-style-type: none"> CAT Open – CAT4 view (all reports) loaded. Population extract loaded and extract pane "hidden". Optional Only* : Filter Pane Open and under the 'General' tab, "Active Patients (3x < 2 years)" selected. <p><i>*The decision to select either "Active" or "All" patient is left to the practice to make</i></p>

CAT Start Screen



This recipe involves a number of different "OR" conditions. CAT4 filters normally are "AND" filters so we will have to use a cross tabulation to find the group of patients of interest. For more information on cross tabulation please see the relevant page(s) in the user guide here: [Cross Tabulation Report](#)

Firstly we need to exclude all patients who have already been diagnosed with dementia, and we are only interested in patients who smoke. This will be done by using the appropriate filters:

Condition Filter Tab

Select "No" for Dementia on the Mental Health tab. This will exclude anyone with a diagnosis of dementia recorded:

General	Ethnicity	Conditions	Medications	Date Range (Results)	Date Range (Visits)	Patient Name	Patient Status	Providers	Risk Factors	MBS Attendance	Saved Filters
Chronic: Mental Health Cancer Other											
Mental Health											
<input type="checkbox"/> Yes	<input type="checkbox"/> No	MHI - Degenerative			MHI - Developmental			MHI - Other			
<input type="checkbox"/> High Prevalence	<input type="checkbox"/> No	<input type="checkbox"/> Dementia	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Postnatal Depression	<input type="checkbox"/> No				
<input type="checkbox"/> Anxiety	<input type="checkbox"/> No				<input type="checkbox"/> ADHD	<input type="checkbox"/> No					
<input type="checkbox"/> Depression	<input type="checkbox"/> No				<input type="checkbox"/> Autism	<input type="checkbox"/> No					
<input type="checkbox"/> Low Prevalence	<input type="checkbox"/> No										
<input type="checkbox"/> Schizophrenia	<input type="checkbox"/> No										
<input type="checkbox"/> Bipolar	<input type="checkbox"/> No										

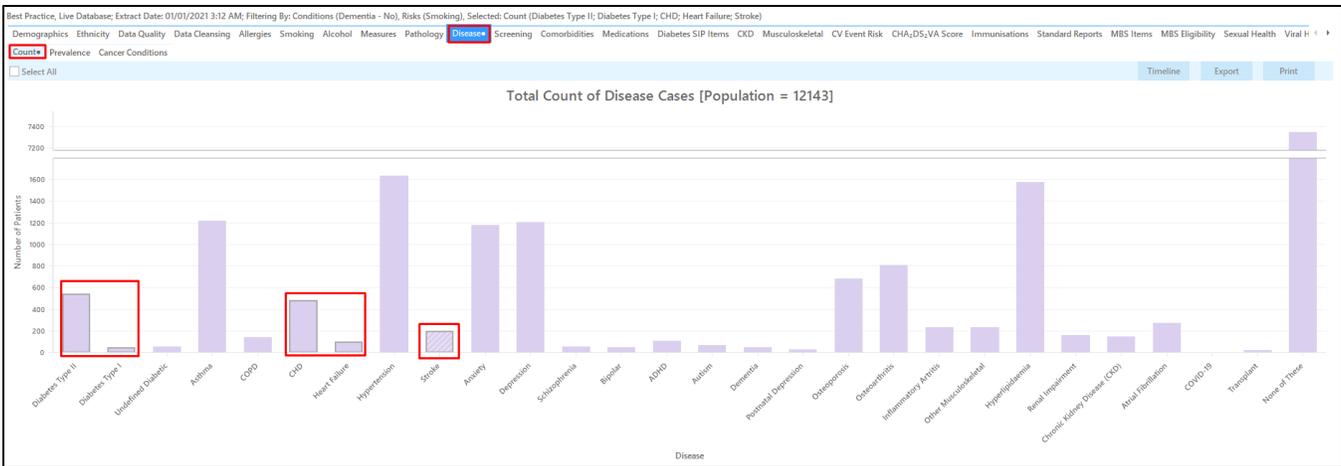
Risk Factors Tab

Select "Smoking" on the Risk Factor Tab. This will include only daily and irregular smokers:

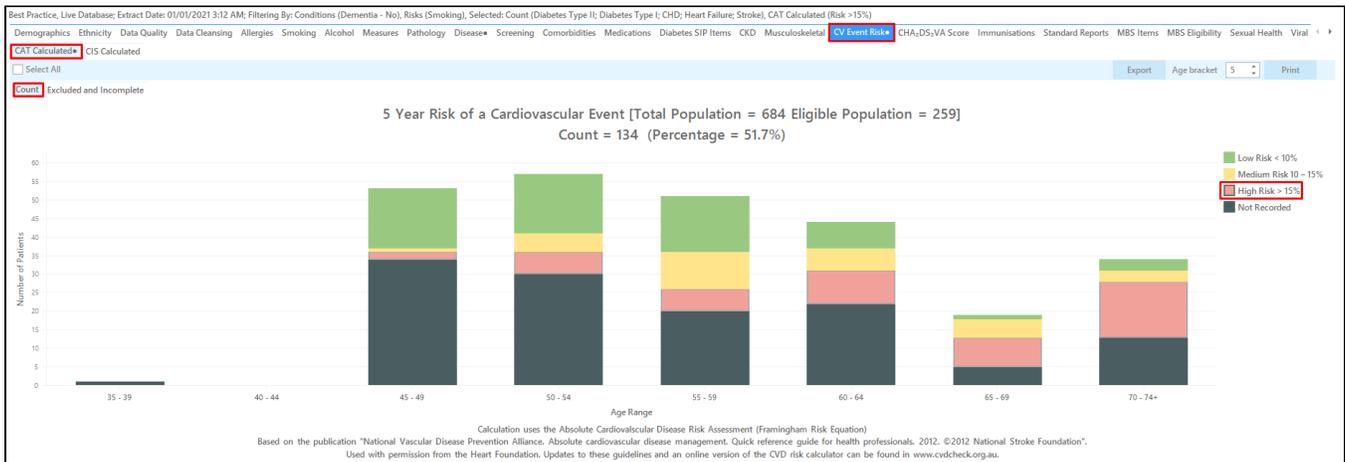
General	Ethnicity	Conditions	Medications	Date Range (Results)	Date Range (Visits)	Patient Name	Patient Status	Providers	Risk Factors	MBS Attendance	Saved Filters
Risk Factors											
Substance Abuse											
<input checked="" type="checkbox"/> Smoking				Requires Immunisation			Other Risk Categories				
<input type="checkbox"/> Alcohol - Drinker				Has Conditions increasing risk of			<input type="checkbox"/> Pregnancy				
<input type="checkbox"/> Alcohol - Drinker High Risk *				<input type="checkbox"/> Pneumococcal			<input type="checkbox"/> Obesity				
<input type="checkbox"/> Medication/Drug abuse **							<input type="checkbox"/> Transplant				

Click Recalculate to apply the filters selected.

To find patients who have diabetes OR cardiovascular conditions OR who have had a stroke the Disease tab is used to select all bars relevant to the list of diagnosed conditions.



To add patients who have had an absolute risk assessment we need to use the the "CV Event Risk" tab:



Click on the 'Report' icon to apply our cross tabulation - for full details see here [Cross Tabulation Report](#)



This will show a list of all patients without a diagnosis of dementia meeting any of the selected criteria, some will meet more than one. The last columns in the table show the information on the diagnosed conditions and CV risk details.

Patient Reidentification

1 of 2 100% Find

Cross Tabulation Reidentify Report [Patient Count = 18]

Filtering By: Conditions (Dementia - No), Risks (Smoking), Selected: Count (Diabetes Type II; Diabetes Type I; CHD; Heart Failure; Stroke), CAT Calculated (Risk >15%)

ID	Surname	First Name	Known As	Sex	D.O.B (Age)	Address	City	Postcode	Phone (H/W)	Phone (M)	Medicare	Disease	CV Event 5 Year Risk
11682	Surname	Firstname_625	Firstname_625	F	01/01/1953 (68)	12 John St	Suburb Town	5458	H:07 50505050 W:07 50509999	1234999999	123412341234	Diabetes Type II	High Risk
1424	Surname	Firstname_1237	Firstname_1237	F	01/01/1967 (54)	12 John St	Suburb Town	3942	H:07 50505050 W:07 50509999	1234999999	123412341234	Diabetes Type II	High Risk
11383	Surname	Firstname_1409	Firstname_1409	M	01/01/1946 (75)	12 Jogger St	Suburb Town	3554	H:07 50505050 W:07 50509999	1234999999	123412341234	Diabetes Type II	High Risk
9508	Surname	Firstname_1864	Firstname_1864	M	01/01/1962 (59)	12 Jogger St	Suburb Town	4434	H:07 50505050 W:07 50509999	1234999999	123412341234	Diabetes Type II	High Risk
3742	Surname	Firstname_3466	Firstname_3466	M	01/01/1948 (73)	12 Jogger St	Suburb Town	3533	H:07 50505050 W:07 50509999	1234999999	123412341234	Diabetes Type II	High Risk
6774	Surname	Firstname_4904	Firstname_4904	M	01/01/1947 (74)	12 Jogger St	Suburb Town	5646	H:07 50505050 W:07 50509999	1234999999	123412341234	Diabetes Type II	High Risk
3797	Surname	Firstname_5113	Firstname_5113	M	01/01/1960 (61)	12 Jogger St	Suburb Town	4222	H:07 50505050 W:07 50509999	1234999999	123412341234	Diabetes Type II	High Risk
11971	Surname	Firstname_5774	Firstname_5774	M	01/01/1946 (75)	12 Jogger St	Suburb Town	4949	H:07 50505050 W:07 50509999	1234999999	123412341234	Diabetes Type II	High Risk

Refine Selection Add/Withdraw Patient Consent

GoShare Plus 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