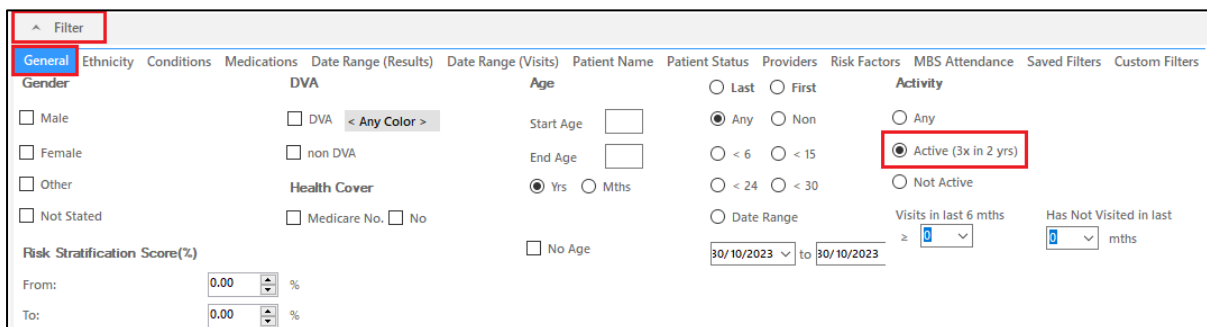


## Shingles Vaccine Eligibility 3: immunocompromised people aged 18 years and over

<b>Recipe Name:</b>	Identify immunocompromised people aged 18 years and over
<b>Rationale:</b>	<p>About 1 in 3 people will get shingles in their lifetime. Shingles usually affects older people, and the risk of complications increases with age, particularly for:</p> <ul style="list-style-type: none"> <li>those over the age of 65</li> <li>First Nations people aged 50 and over</li> <li>immunocompromised people aged 18 years and over with the following medical conditions:             <ul style="list-style-type: none"> <li>haemopoietic stem cell transplant</li> <li>solid organ transplant</li> <li>haematological malignancy (blood cancer)</li> <li>advanced or untreated HIV</li> </ul> </li> </ul>
<b>Target:</b>	Immunocompromised people over 18 years of age
<b>CAT Starting Point:</b>	<ol style="list-style-type: none"> <li>CAT Open</li> <li>Population Extract Loaded and Extract Pane "Hidden"</li> </ol>

### In the Filters Pane:

Step 1 (optional): In the "General" tab, select "Active (3x in 2 yrs)"



The screenshot shows the 'Filter' pane with the 'General' tab selected. The 'Activity' section has the radio button for 'Active (3x in 2 yrs)' selected and highlighted with a red box. Other filter options include Gender (Male, Female, Other, Not Stated), DVA (Any Color, non DVA), Health Cover (Medicare No., No), Age (Start Age, End Age, Yes, Mths, No Age), Patient Status (Last, First, Any, Non, < 6, < 15, < 24, < 30, Date Range), and MBS Attendance (Visits in last 6 mths, Has Not Visited in last mths). The Risk Stratification Score is set to 0.00%.

Step 2: In the "General" tab add Start Age "18"

General	Ethnicity	Conditions	Medications	Date Range (Results)	Date Range (Visits)	Patient Name	Patient Status	Providers	Risk Factors	MBS Attendance
<b>Gender</b> <input type="checkbox"/> Male <input type="checkbox"/> Female <input type="checkbox"/> Other <input type="checkbox"/> Not Stated  <b>Risk Stratification Score(%)</b> From: <input type="text" value="0.00"/> % To: <input type="text" value="0.00"/> %			<b>DVA</b> <input type="checkbox"/> DVA < Any Color > <input type="checkbox"/> non DVA  <b>Health Cover</b> <input type="checkbox"/> Medicare No. <input type="checkbox"/> No		<b>Age</b> <input type="text" value="18"/> Start Age <input type="text" value=""/> End Age <input checked="" type="radio"/> Yrs <input type="radio"/> Mths <input type="checkbox"/> No Age		<input type="radio"/> Last <input type="radio"/> First <input checked="" type="radio"/> Any <input type="radio"/> Non <input type="radio"/> < 6 <input type="radio"/> < 15 <input type="radio"/> < 24 <input type="radio"/> < 30 <input type="radio"/> Date Range <input type="text" value="01/05/2023"/> to <input type="text" value="01/05/2023"/>	<input type="radio"/> Activity <input type="radio"/> Any <input checked="" type="radio"/> Active (3x in 2 yrs) <input type="radio"/> Not Active  Visits in last 6 mths ≥ <input type="text" value="0"/>		

Step 3: Following filters can be used to identify immunocompromised patients:  
 Kidney Transplant  
 Blood and Immune System Cancer  
 HIV

To select, in the "Conditions" tab, select "Kidney Transplant" under Chronic - Kidney Disease

General	Ethnicity	Conditions	Medications	Date Range (Results)	Date Range (Visits)	Patient Name	Patient Status	Providers	Risk Factors	MBS Attendance	Saved Filters	Custom Filters		
Chronic Mental Health Cancer Other														
<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 Diabetic <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"/> Asthma <input type="checkbox"/> No <input type="checkbox"/> COPD <input type="checkbox"/> No			<b>Cardiovascular</b> <input type="checkbox"/> Hypertension <input type="checkbox"/> No <input type="checkbox"/> Cardiovascular Disease (CVD): <input type="checkbox"/> Heart Failure <input type="checkbox"/> No <input type="checkbox"/> CHD <input type="checkbox"/> No <input type="checkbox"/> Stroke <input type="checkbox"/> No <input type="checkbox"/> MI <input type="checkbox"/> No			<b>Musculoskeletal</b> <input type="checkbox"/> Inflammatory Arthritis <input type="checkbox"/> No <input type="checkbox"/> Musculoskeletal Other <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>Kidney Disease</b> <input type="checkbox"/> Kidney Failure <input type="checkbox"/> No <input type="checkbox"/> Acute Kidney Injury <input type="checkbox"/> No <input type="checkbox"/> Dialysis <input type="checkbox"/> No <input checked="" type="checkbox"/> Kidney Transplant <input type="checkbox"/> No		

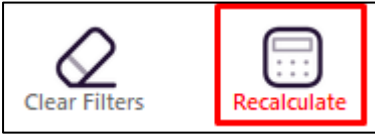
And/Or "Blood and Immune System" - Yes under Cancer

General	Ethnicity	Conditions	Medications	Date Range (Results)	Date Range (Visits)	Patient Name	Patient Status	Providers	Risk Factors	MBS Attendance	Save
Chronic Mental Health <b>Cancer</b> Other											
<b>Blood and Immune System</b> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			<b>Breast</b> <input type="checkbox"/> Breast <input type="checkbox"/> No			<b>Digestive</b> <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Bowel (Colorectal) <input type="checkbox"/> No <input type="checkbox"/> Pancreatic <input type="checkbox"/> No					

And/OR "HIV" under Other - STI

General	Ethnicity	Conditions	Medications	Date Range (Results)	Date Range (Visits)	Patient Name	Patient Status	Providers	Risk Factors	MBS Attendance	Saved Filters	Custom Filters					
Chronic Mental Health Cancer <b>Other</b>																	
<b>Abtrial Fibrillation</b> <input type="checkbox"/> Yes <input type="checkbox"/> No <b>Familial Hypercholesterolemia</b> <input type="checkbox"/> Yes <input type="checkbox"/> No <b>COVID-19</b> <input type="checkbox"/> Yes <input type="checkbox"/> No			<b>Hyperlipidaemia</b> <input type="checkbox"/> Yes <input type="checkbox"/> No			<b>Pregnancy</b> <input type="checkbox"/> Yes <input type="checkbox"/> No			<b>Drug Abuse</b> <input type="checkbox"/> Yes <input type="checkbox"/> No			<b>Hepatitis and Liver</b> <input type="checkbox"/> Hepatitis A <input type="checkbox"/> No <input type="checkbox"/> Hepatitis B <input type="checkbox"/> No <input type="checkbox"/> Hepatitis C <input type="checkbox"/> No <input type="checkbox"/> Liver Disease <input type="checkbox"/> No			<b>STI</b> <input checked="" type="checkbox"/> HIV <input type="checkbox"/> No <input type="checkbox"/> Chlamydia <input type="checkbox"/> No <input type="checkbox"/> Gonorrhoea <input type="checkbox"/> No <input type="checkbox"/> Trichomoniasis <input type="checkbox"/> No <input type="checkbox"/> Syphilis <input type="checkbox"/> No		

Step 4: Click "Recalculate"



### In the Reports Pane:

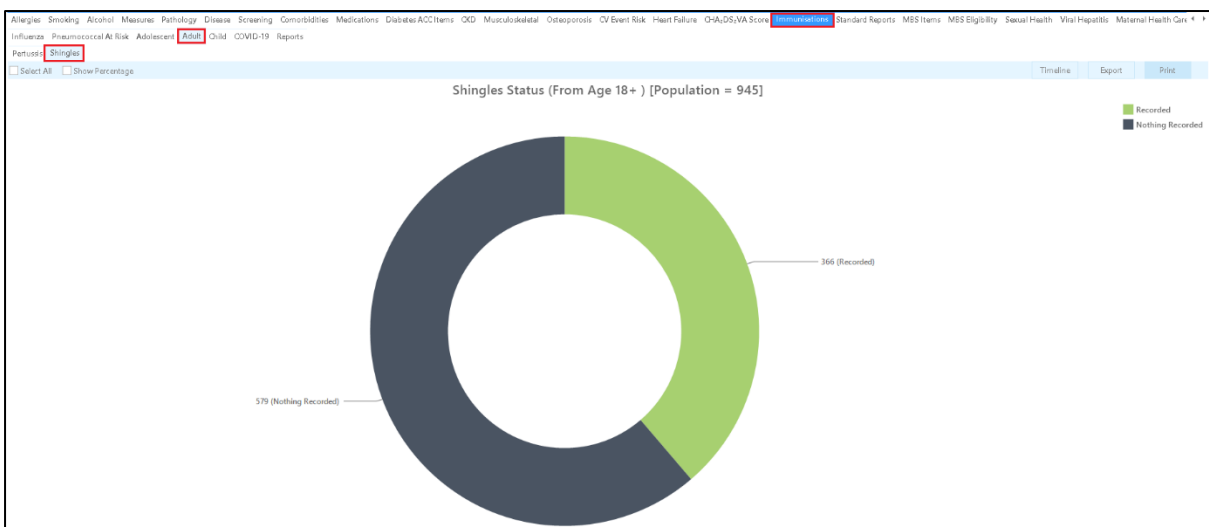
Step 5: In addition to the above filters, Transplant report tab can be used to identify patients who had:

- haemopoietic stem cell transplant
- solid organ transplant

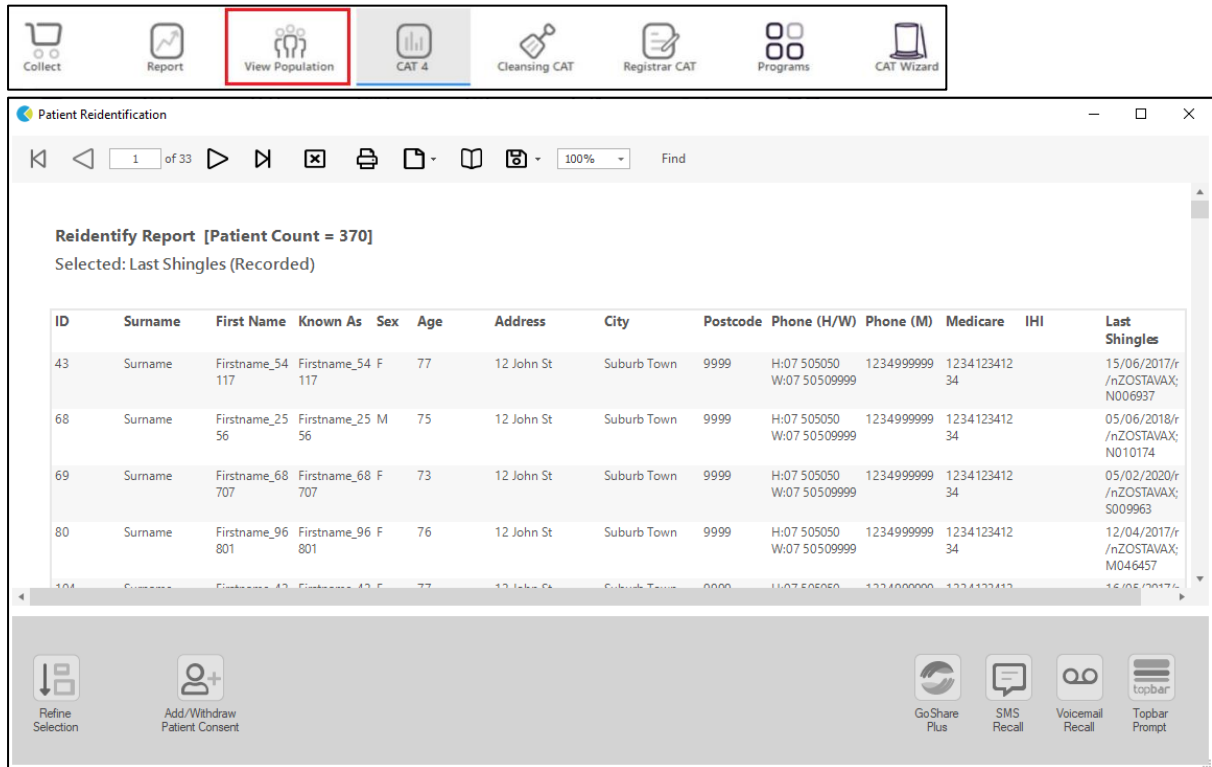
To select, in the "Disease" tab, select "Transplant" under Count



Step 6: Under the "Immunisations" tab, select "Adult" & select "Shingles"



Step 7a: Select "**Recorded**", then select "**View Population**" to see people aged 18 and over with one or all immunocompromising conditions and already have received Shingles vaccine (Shingrix or Zostavax) regardless of dose number.



**Reidentify Report [Patient Count = 370]**  
Selected: Last Shingles (Recorded)







ID	Surname	First Name	Known As	Sex	Age	Address	City	Postcode	Phone (H/W)	Phone (M)	Medicare	IHI	Last Shingles
43	Surname	Firstname_54 117	Firstname_54 117	F	77	12 John St	Suburb Town	9999	H:07 505050 W:07 50509999	1234999999	1234123412 34		15/06/2017/r /nZOSTAVAX; N006937
68	Surname	Firstname_25 56	Firstname_25 56	M	75	12 John St	Suburb Town	9999	H:07 505050 W:07 50509999	1234999999	1234123412 34		05/06/2018/r /nZOSTAVAX; N010174
69	Surname	Firstname_68 707	Firstname_68 707	F	73	12 John St	Suburb Town	9999	H:07 505050 W:07 50509999	1234999999	1234123412 34		05/02/2020/r /nZOSTAVAX; S009963
80	Surname	Firstname_96 801	Firstname_96 801	F	76	12 John St	Suburb Town	9999	H:07 505050 W:07 50509999	1234999999	1234123412 34		12/04/2017/r /nZOSTAVAX; M046457

OR


Step 7b: Select "**Nothing Recorded**", then select "**View Population**" to see people aged 18 and over with one or all immunocompromising conditions who have not received Shingles vaccine (Shingrix or Zostavax)

**Reidentify Report [Patient Count = 600]**  
Selected: Last Shingles (Nothing Recorded)

ID	Surname	First Name	Known As	Sex	Age	Address	City	Postcode	Phone (H/W)	Phone (M)	Medicare	IHI	Last Shingles
13	Surname	Firstname_12 452	Firstname_12 452	M	72	12 John St	Suburb Town	9999	H:07 505050 W:07 50509999	1234999999	1234123412 34		Nothing Recorded
37	Surname	Firstname_75 199	Firstname_75 199	F	70	12 John St	Suburb Town	9999	H:07 505050 W:07 50509999	1234999999	1234123412 34		Nothing Recorded
44	Surname	Firstname_79 246	Firstname_79 246	M	73	12 John St	Suburb Town	9999	H:07 505050 W:07 50509999	1234999999	1234123412 34		Nothing Recorded
47	Surname	Firstname_33 961	Firstname_33 961	F	76	12 John St	Suburb Town	9999	H:07 505050 W:07 50509999	1234999999	1234123412 34		Nothing Recorded
74	Surname	Firstname_95 986	Firstname_95 986	F	78	12 John St	Suburb Town	9999	H:07 505050 W:07 50509999	1234999999	1234123412 34		Nothing Recorded
76	Surname	Firstname_94 798	Firstname_94 798	M	71	12 John St	Suburb Town	9999	H:07 505050 W:07 50509999	1234999999	1234123412 34		Nothing Recorded

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

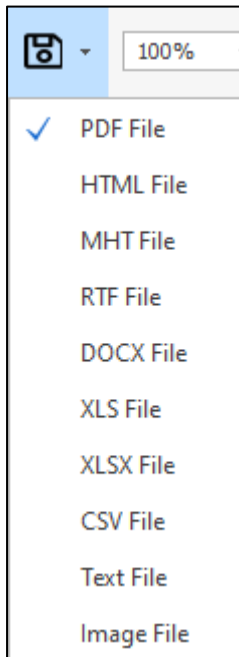
### To Export Patient List on Microsoft Excel:

1. Click on the “Export Icon”  at the top of the Patient Reidentification window.
2. Click on XLS File
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 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

Similar steps can be taken to export the list in the following formats;



In these scenarios, the spreadsheets would then be sent to the Practice Nurse, asking for the patients on these lists to be recalled to administer the vaccine.

**Optional:**  
**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

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

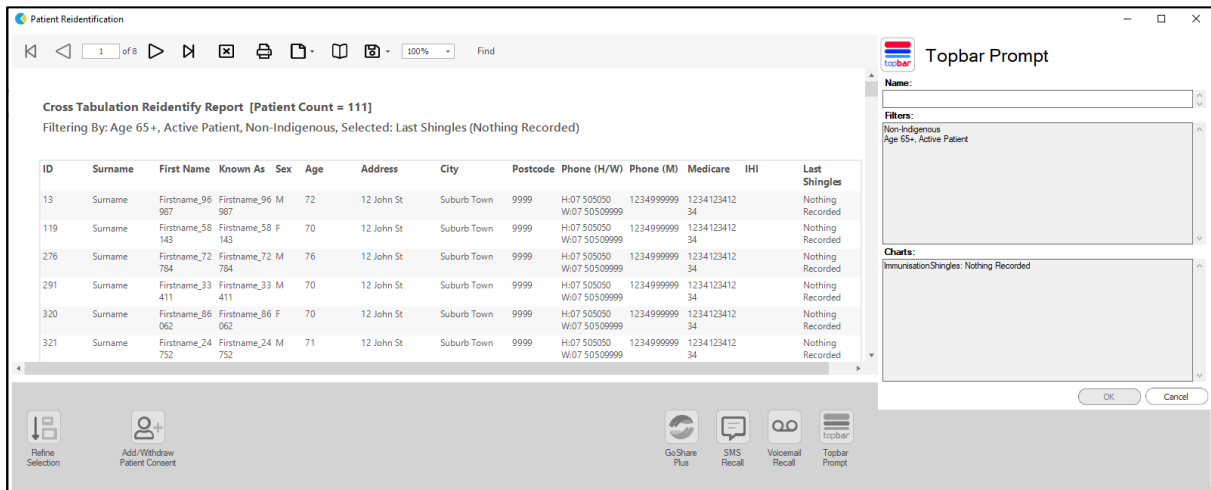


Once you have applied the filter(s) and displayed the patients of interest as described above, you can create a prompt that will be shown to all clinicians using Topbar if a patient meeting the prompt criteria is opened in their clinical system. The full guide is available at [CAT PLUS PROMPTS](#) and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



**Topbar Prompt**

Name:

Filters:  
 Non-Indigenous  
 Age 65+, Active Patient

Charts:  
 ImmunisationShingles: Nothing Recorded

OK Cancel

ID	Surname	First Name	Known As	Sex	Age	Address	City	Postcode	Phone (H/W)	Phone (M)	Medicare	IHI	Last Shingles
13	Surname	Firstname_96	Firstname_96	M	72	12 John St	Suburb Town	9999	H:07 505050 W:07 50509999	1234999999	1234123412	34	Nothing Recorded
119	Surname	Firstname_58	Firstname_58	F	70	12 John St	Suburb Town	9999	H:07 505050 W:07 50509999	1234999999	1234123412	34	Nothing Recorded
276	Surname	Firstname_72	Firstname_72	M	76	12 John St	Suburb Town	9999	H:07 505050 W:07 50509999	1234999999	1234123412	34	Nothing Recorded
291	Surname	Firstname_33	Firstname_33	M	70	12 John St	Suburb Town	9999	H:07 505050 W:07 50509999	1234999999	1234123412	34	Nothing Recorded
320	Surname	Firstname_86	Firstname_86	F	70	12 John St	Suburb Town	9999	H:07 505050 W:07 50509999	1234999999	1234123412	34	Nothing Recorded
321	Surname	Firstname_24	Firstname_24	M	71	12 John St	Suburb Town	9999	H:07 505050 W:07 50509999	1234999999	1234123412	34	Nothing Recorded