Identify immunocompromised patients due for a third COVID-19 vaccine

Recipe Name:	Identify immunocompromised patients due for a third COVID-19 vaccine
Rationale:	ATAGI has recommended that immunocompromised patients who have received 2 doses of vaccine two months or more ago are eligible for a third shot. See the full details here: atagi-recommendations-on-the-use-of-a-third-primary-dose.pdf
Target:	Any at risk patients as identified as immunocompromised in the COVID-19 at risk report
Recipe Limitations:	This report relies, among other details, on coded diagnoses in the patient record. As this is a requirement for accreditation and is also relevant for PIP-QI, we recommend to improve coding of conditions for all clinicians. Here are some helpful links: Data Cleansing Report Details Bulk clean up of free text diagnosis - BP users Bulk clean up of free text diagnosis - MD users
CAT Starting Point:	1. CAT Open - CAT4 view (all reports) loaded 2. Population Extract Loaded and Extract Pane "Hidden"

Filter Steps:

- Use the date range result filter to exclude any COVID-19 vaccines given between six months and two months ago:

In the example above my data is from the 1/11/2021. To only see patients who have received their vaccine between six months and two months ago I applied a date range filter that will show only those vaccines given after the 1/05/2021 (six months from the extract date) and the 'to' date needs to be two months from the date of your extract. In my case 1/09/2021 - six months is 1/05/2021.
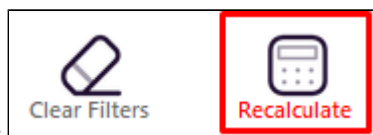
Apply the filter by clicking on the recalculate icon on the top right of your screen:

Report Steps

- Click on the Immunisations/COVID-19/At Risk tab to see the COVID-19 at Risk report
- Then click on the Dose 2 Astrazeneca, Dose 2 Pfizer and Dose 2 Unknown in the legend to select only those patients who had 2 vaccines already

Click on the 'Export' button to see the list of patients at risk with two vaccines given between six months and two months ago. This report doesn't just show immunocompromised patients, but until we publish a more specific report you can export the list into Excel by choosing the xlsx file option as shown below:


Then open the file in MS Excel. To filter the report you need to delete the top rows containing the headings so that you end up with a spreadsheet like this:

	B	C	D	E	F	G	H	I	J	K	L	M	N	O
	ID	Surname	First Name	Known As	Sex	D.O.B (Age)	Address	City	Postcode	Phone (H/W)	Phone (M)	Covid-19 Risk Status	Last Dose	Description
	196	Surname	Firstname_1	Firstname_1	F	01/11/1944(77)	12 John St	Suburb Town	4306	H:07 50505050 W:07 50509999	1234999999	High Risk	Dose: 2, Vaccine: COVID 19 Vaccine Astrazeneca, Date: 14/07/2021	Age >= 70
	4400	Surname	Firstname_2	Firstname_2	M	01/11/1941(80)	12 Jogger St	Suburb Town	3826	H:07 50505050 W:07 50509999	1234999999	High Risk	Dose: 2, Vaccine: COVID 19 Vaccine Astrazeneca, Date: 23/07/2021	Age >= 70
	9947	Surname	Firstname_26	Firstname_26	F	01/11/1950(71)	12 John St	Suburb Town	3542	H:07 50505050 W:07 50509999	1234999999	High Risk	Dose: 2, Vaccine: COVID 19 Vaccine Astrazeneca, Date: 12/07/2021	Age >= 70
	308	Surname	Firstname_119	Firstname_119	F	01/11/1947(74)	12 John St	Suburb Town	5793	H:07 50505050 W:07 50509999	1234999999	High Risk	Dose: 2, Vaccine: COVID 19 Vaccine Astrazeneca, Date: 27/07/2021	Age >= 70
	1890	Surname	Firstname_120	Firstname_120	M	01/11/1938(83)	12 Jogger St	Suburb Town	4418	H:07 50505050 W:07 50509999	1234999999	High Risk	Dose: 2, Vaccine: COVID 19	Age >= 70

Highlight the 'Description' column and select 'Filter' from the Excel options:

Filter for all immunocompromised patients by typing 'immuno' and then clicking 'OK'
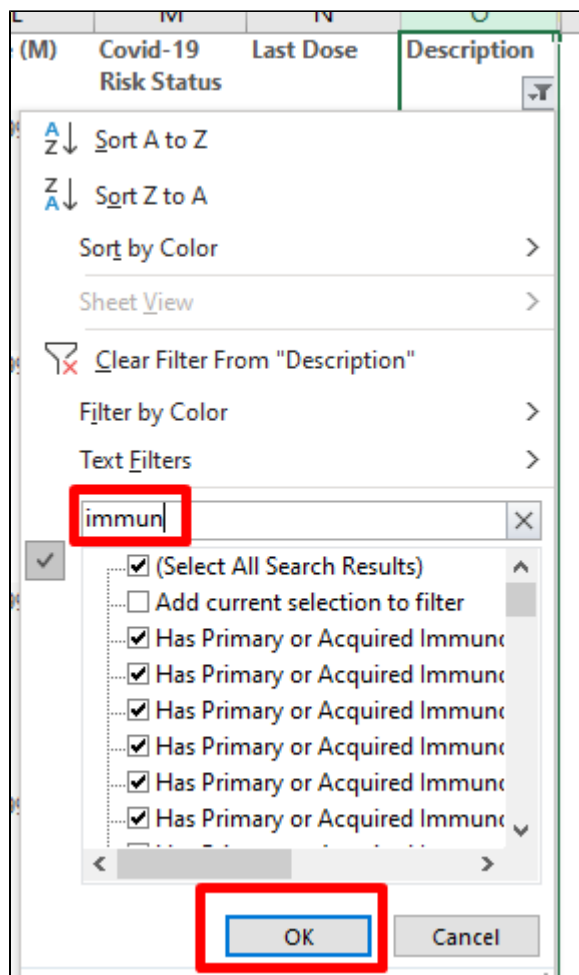
This will show you all patients with primary or acquired immunodeficiency who had two doses with the last one between 2 and 6 months ago.

> (!) The next CAT4 update will bring a report showing patients requiring a third shot, but to enable you to find those patients now this recipe will assist.

Using Recall CAT in Recipes

Optional: Use Recall CAT SMS and voice messages for patient recall

Full details are here: Recall CAT

After you have applied one or more filters and/or cross tabulations and have selected the group of patients of interest, you will see the choices for SMS Recall and other options at the bottom of the patient re-identification report. This can be applied to all of our CAT Recipes or any custom search you want to perform.

CAT Starting Point:
The Patient Reidentification window displays your list of filtered patients

Reidentify Report [patient count = 100]

Filtering By: Active Patient, Conditions (Diabetes - Yes), Last Results <= 12 mths, Selected: HbA1c % (mmol/mol) (Not recorded , Not recorded)

ID	Surname	First Name	Known As	Sex	D.O.B (Age)	Address	City	Postcode	Phone (H/W)	Phone (M)	Medicare	IHI	HbA1c % (mmol/mol)
6906	Surname	Firstname_259	Firstname_259	M	01/06/1969 (51)	12 Jogger St	Suburb Town	5242	H:07 50505050 W:07 50509999	1234999999	12341234123 4		Last on 31/05/2019
11275	Surname	Firstname_299	Firstname_299	F	01/06/1961 (59)	12 John St	Suburb Town	4117	H:07 50505050 W:07 50509999	1234999999	12341234123 4		Last on 28/05/2019
4232	Surname	Firstname_400	Firstname_400	F	01/06/1928 (92)	12 John St	Suburb Town	5621	H:07 50505050 W:07 50509999	1234999999	12341234123 4		Last on 06/07/2017
11578	Surname	Firstname_444	Firstname_444	F	01/06/1946 (74)	12 John St	Suburb Town	5667	H:07 50505050 W:07 50509999	1234999999	12341234123 4		Last on 13/12/2018
10999	Surname	Firstname_491	Firstname_491	F	01/06/1965	12 John St	Suburb Town	2817	H:07	1234999999	12341234123		Not recorded

Customising Steps

You can refine the selection manually by clicking the 'Refine Selection' button.

If you click on "SMS Recall", the "SMS Recall" window will be displayed with the name of your clinic. Enter a message that relates to the purpose of the notification. There are a number of options under the inclusion criteria:

- Patients who have opted out of receiving SMS from your clinic are removed by default
- Linking your online booking system to the SMS recall
- Include the opt-out message in the SMS for patient to "STOP" receiving SMS notifications sent through CAT4

Clicking on "Send" will send the message to all patients with a valid mobile phone number in their record. A confirmation message will prompt you with the number of messages to be sent and the required credits. Click yes to send the SMS recall.

SMS Recall

SMS Text:

From Pen CS Pty ltd: test message

Click here to book appointment http://www.pencs.com.au/support/

To opt-out reply STOP

Characters Remaining: 39

Inclusion Criteria:

Filtering By: None
Selected: Disease (Diabetes Type II)

Send   Cancel

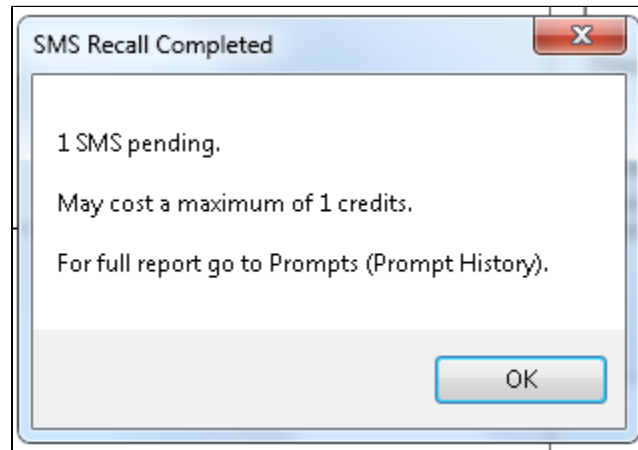☐ Remove patients who have opted out to receive SMS from your clinical

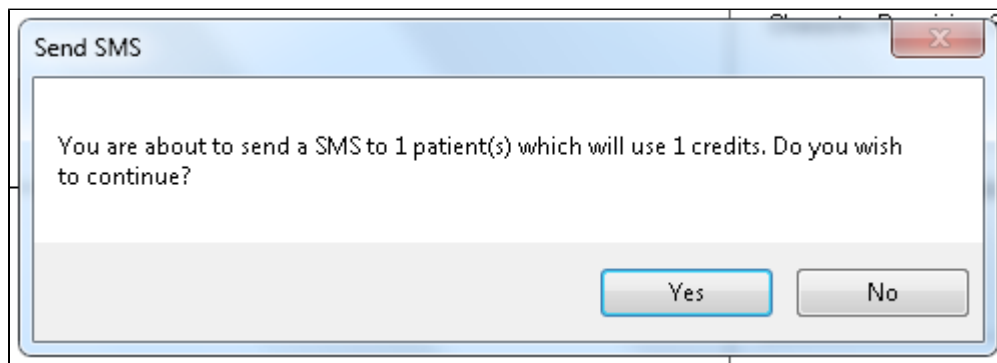☑ Include Online Appointment Book Link

☑ Include opt-out message at the end of the SMS message

Credits Required: 1

Credits Available: 2547

Auto Top-Up Enabled

After sending a SMS or Voice Message you will see a message like this one (for SMS)

Send SMS

You are about to send a SMS to 1 patient(s) which will use 1 credits. Do you wish to continue?

[Yes]   [No]

SMS Recall Completed

1 SMS pending.

May cost a maximum of 1 credits.

For full report go to Prompts (Prompt History).

[OK]

For full details on the prompt history, click on 'Prompts' and select 'SMS and Voicemail'

Pen CS CAT4 - CAT4

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Recall CAT - Message History: http://help.pencs.com.au/display/CG/Recall+CAT+-+Message+History