



SPDS & CAT4 Activities for COVID-19 Vaccination

Coordinare COVID-19 Immunisation in Primary Care
- Data Auditing Guide



Acknowledgment:

This brief instruction guide contains specific procedure guidance for general practices partaking in *Sentinel Practices Data Sourcing (SPDS)* project with COORDINARE – South Eastern NSW PHN. The processes outlined enable practices to use the PenCS Clinical Audit Tool (CAT4) to undertake identification of clients suitable for Covid-19 vaccination with the aim of undertaking prompt immunisation for the identified cohort/s.

The activities and instructions included in this document have been built on the concepts of the *Sentinel Practices Data Cleansing Manual* and the *Supplement 1 to the Sentinel Practices Data Cleansing Manual* which are basic and advanced primary care research and general practice quality improvement tools respectively, conceptualised under the *Sentinel Practices Data Sourcing (SPDS)* project.

Secondary use of any and all information included in this document requires appropriate citation/acknowledgement of the *Sentinel Practices Data Sourcing (SPDS)* project and its affiliated personnel and organisation.

For further details or queries please contact SPDS project chief investigator – Abhijeet Ghosh at aghosh@coordinare.org.au

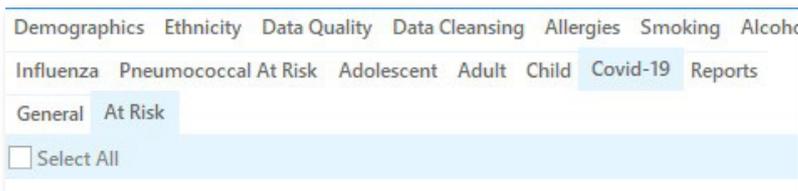
Identify at-risk cohorts

Within the **Reports Section** CAT4:

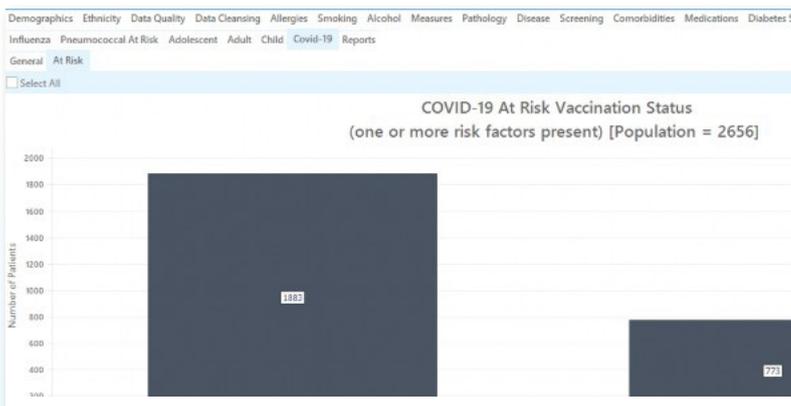
- ▶ Go to the tab that says **Immunisations**



- ▶ Go to the sub tab that says **Covid-19** and then to the sub tab that says **At Risk**

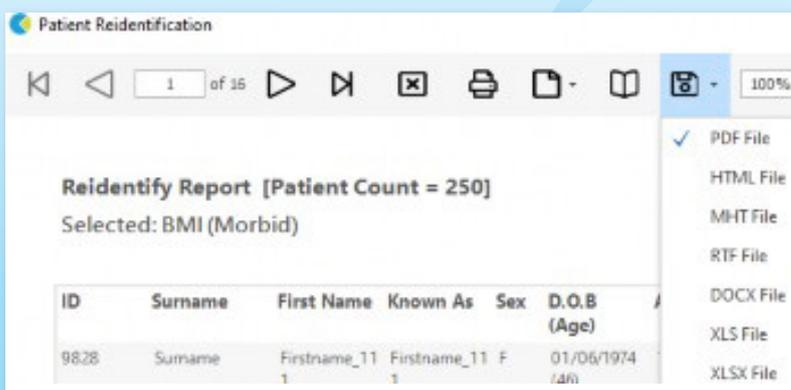


- ▶ The report outlines all at risk patients at the practice, under the categories of high risk and moderate risk



- ▶ To get a list of all at-risk patients click  or you may select the specific bar of the bar chart in the at-risk report that you want to review/action click on 

- ▶ This will show up the list of patients for your specific selection which can be printed out or saved and then actioned as per clinical guidelines



The risk based list that has been generated is based on the **criteria** as defined by the Department of Health (DoH); however, some conditions were not included. These are:

- ▶ Some chronic inflammatory conditions and treatments (due to lack of available specifications this has not been mapped)
- ▶ poorly controlled blood pressure (due to CAT4 only extracting the most recent blood pressure measurement and a lack of clarity in the available hypertension related diagnoses this has not been mapped)



Please exercise your discretion as clinicians to ensure that all patients who are at risk are included in the vaccine allocation.

- ▶ Also note that the high/moderate risk criteria are not aligned with the roll-out schedule, as indigenous patients over 55 are not listed as high or moderate risk. To identify those patients for the 1b phase of the roll-out please use individual activities outlined later in this guide.

Criteria for high risk of severe illness: individuals who

- ▶ are 70 years of age or over and/or
- ▶ have had an organ transplant and are on immune suppressive therapy and/or
- ▶ have had a bone marrow transplant in the last 24 months and/or
- ▶ are on immune suppressive therapy for graft versus host disease and/or
- ▶ have blood cancer e.g. leukaemia, lymphoma or myelodysplastic syndrome (diagnosed within the last 5 years) and/or
- ▶ are having chemotherapy or radiotherapy.

Criteria for moderate risk of severe illness: individuals who

- ▶ have chronic renal (kidney) failure and/or
- ▶ have heart disease (coronary heart disease or failure) and/or
- ▶ have chronic lung disease (excludes mild or moderate asthma) and/or
- ▶ have a non-haematological cancer (diagnosed in the last 12 months) and/or
- ▶ diabetes and/or
- ▶ have severe obesity with a BMI ≥ 40 kg/m² and/or
- ▶ have chronic liver disease and/or
- ▶ have some neurological conditions (stroke, dementia, other) (doctor advise recommended to assess risk) and/or
- ▶ have other primary or acquired immunodeficiency (doctor advise recommended to assess risk).

Identify specific demographic or clinical groups

The at-risk groups outlined above can be filtered for specific groups through individual filtering activities as outlined below

Indigenous clients of specific age groups

In the Ethnicity section of the **Filter area** check Indigenous and then click



Filter

General **Ethnicity** Conditions

Ethnicity

Indigenous Status

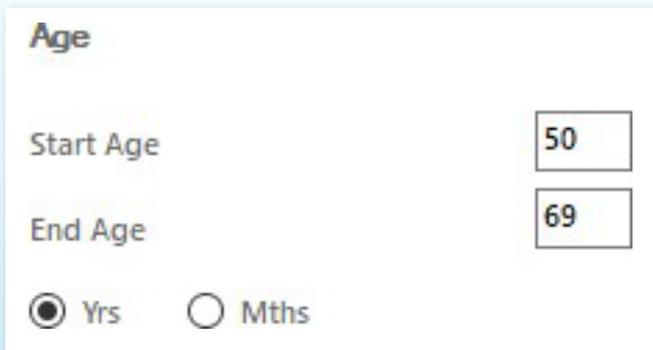
Indigenous

1. Patients of specific age groups

In the Age section of the Filter area select the button Yrs and set the Start Age and the End Age as needed and then click



A couple of examples such as 50-69 years or under 50 years have been shown below



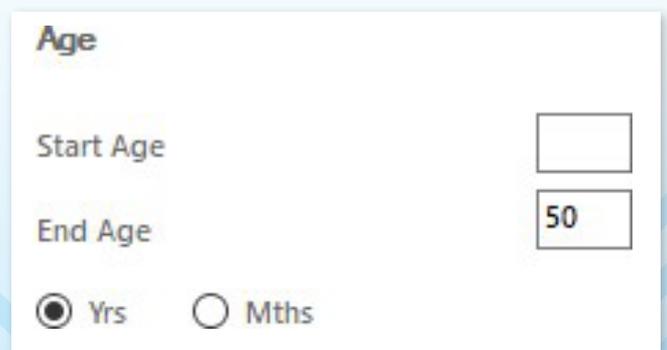
Age

Start Age

End Age

Yrs Mths

OR



Age

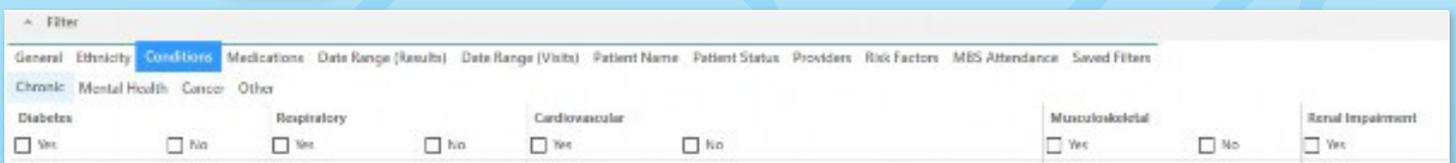
Start Age

End Age

Yrs Mths

2. Patients with specific chronic conditions

In the Conditions section of the **Filter area** check Yes for the chronic condition group as needed and then click



Filter

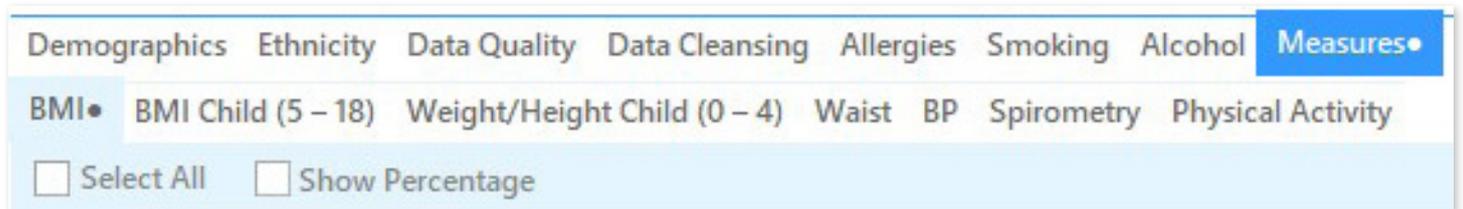
General Ethnicity **Conditions** Medications Date Range (Results) Date Range (Visits) Patient Name Patient Status Providers Risk Factors MBS Attendance Saved Filters

Chronic Mental Health Cancer Other

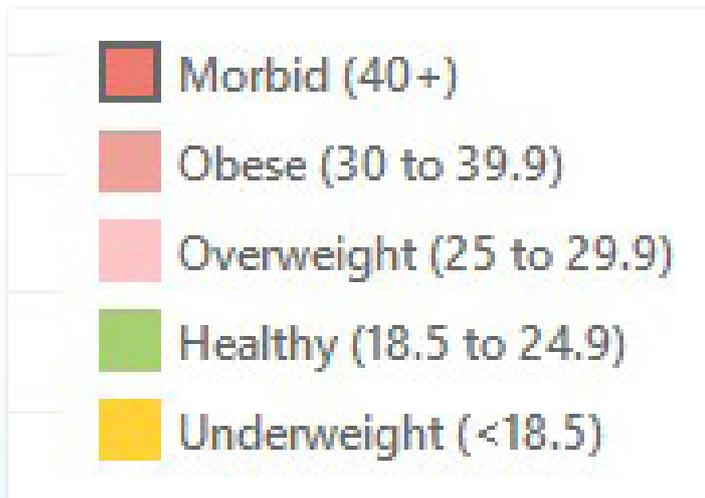
Diabetes Yes No Respiratory Yes No Cardiovascular Yes No Musculoskeletal Yes No Renal Impairment Yes

3. Patients with BMI \geq 40

- ▶ In the Reports section go to the tab that says **Measures** and then to the sub tab that says **BMI**



- ▶ Select the chart legend item that says **Morbid (40+)**



More complex filtering and selection procedures can also be applied to the same at-risk report. Please refer to the **Tips and Tricks** section of your *Sentinel Practices Data Cleansing Manual* or contact your COORDINARE Health Coordination Consultant for any assistance.