

CAT PLUS PROMPTS IN CAT4

CAT GUIDES

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This part of the CAT Prompts guide describes the configuration and creation of prompts in CAT4. Creating prompts in PAT CAT is described [here](#)¹, and the details of how CAT Prompts are displayed and acted on are described in the [Topbar section](#)² of our user documentation.

Pen CS has created the CAT Plus suite of software for primary health care which consists of Topbar, CAT4 and PAT CAT. These tools are already working together and CAT Prompts is the next level of integration. CAT Prompts provides the team in general practice with an easy way of communicating across the CAT Plus suite. CAT4 and PAT CAT can identify patients of interest through the large range of reports and filters, and the prompt based on the criteria used in CAT4/PAT CAT can be send to Topbar to notify the clinicians if their patient matches the chosen conditions. This can be used to improve data quality, identify patients at risk and highlight business opportunities for the practice.

The main advantage is the ease of communicating findings on a practice population level to the consult room where the individual patient is present. Rather than having to rely on printed lists or verbal communication, Topbar together with CAT4 will be able to improve team work and improve quality of care through communication.

CAT Prompts are not dependent on the patients in CAT4 OR PAT CAT as only the filters and selections used are applied when a patient is opened in the clinical system. This means if you create a new prompt today, even patients that are added to your clinical system in the future will be identified if they match the criteria.

For information on how to use the prompts in each of the individual parts of the CAT Plus suite click on the links below.

- [CAT4](#)³
- [PAT CAT](#)⁴
- [Topbar](#)⁵

1 <https://help.pencs.com.au/display/ds/CAT+PLUS+PROMPTS+IN+PAT+CAT>

2 <https://help.pencs.com.au/display/TUG/CAT+PLUS+Prompts+App>

3 <https://help.pencs.com.au/display/CP/CAT4>

4 <https://help.pencs.com.au/display/CP/PAT+CAT>

5 <https://help.pencs.com.au/display/CP/Topbar>

1 Setting up CAT Prompts in CAT4

1.1 Requirements

To use CAT Prompts you have to have the latest version of Topbar and CAT4 installed. Please contact your PHN to enquire about how to get access to the CAT Plus suite.

1.2 Configuration

CAT4 needs to be linked to Topbar. This should have happened during the installation, but if you are unsure if it is linked, follow the steps in the [CAT4 Configuration guide](#).⁶

There is no further configuration required once the link is established.

⁶ <https://help.pencs.com.au/display/CG/Linking+CAT4+to+Topbar>

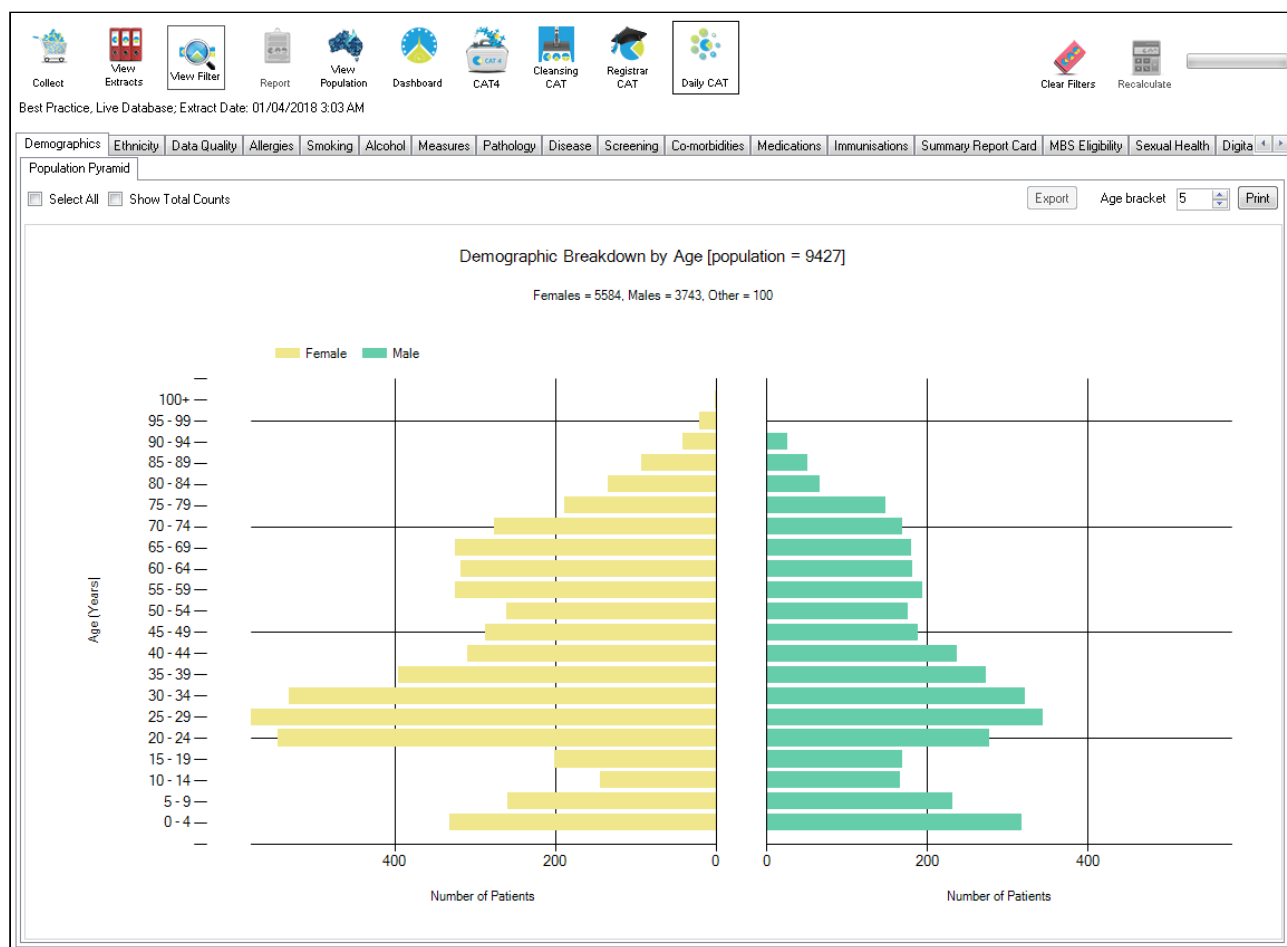
2 Creating a Prompt in CAT4

⚠ Currently the CAT Prompt functionality is only accessible from the 'Daily View' in CAT4. This is likely to change with future updates but in this first release we are limiting the number of available reports and graphs to what is visible in the 'Daily View'. To access the 'Daily View' click on the related icon on the Dashboard.



This will display the 'Daily View' in the standard CAT4 interface. If you need more information on the general use of CAT4 please refer to the [CAT4 Functionality guide](https://help.pencs.com.au/display/CG/CAT4+User+Guide)⁷.

⁷ <https://help.pencs.com.au/display/CG/CAT4+User+Guide>



The reports available for prompts are:

[Demographics](#)⁸

[Ethnicity](#)⁹

[Data Quality \(CDSA\)](#)¹⁰

[Allergies](#)¹¹

[Smoking](#)¹²

[Alcohol](#)¹³

[Measures](#)¹⁴

[Pathology](#)¹⁵

8 <https://help.pencs.com.au/pages/viewpage.action?pagelId=1476486>

9 <https://help.pencs.com.au/display/CG/Ethnicity>

10 <https://help.pencs.com.au/pages/viewpage.action?pagelId=1476496>

11 <https://help.pencs.com.au/pages/viewpage.action?pagelId=1476500>

12 <https://help.pencs.com.au/display/CG/Smoking>

13 <https://help.pencs.com.au/display/CG/Alcohol>

14 <https://help.pencs.com.au/display/CG/Measures>

15 <https://help.pencs.com.au/display/CG/Pathology>

Disease¹⁶

Screening¹⁷

Co-morbidities¹⁸

Medications¹⁹

MBS Eligibility²⁰

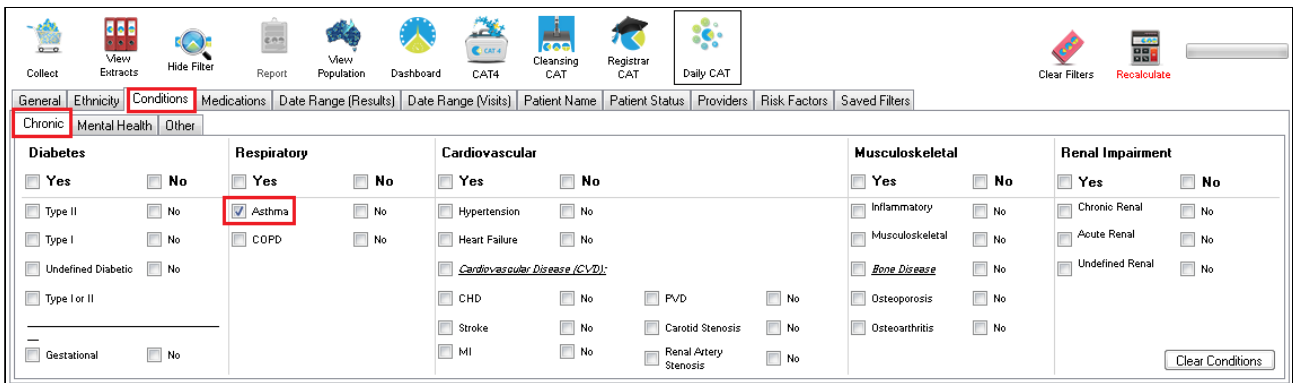
Immunisations²¹

Sexual Health STI Screening²²

My Health Record Status²³

You are now able to combine filters and report selections to define the criteria for a prompt that will be displayed in Topbar when a patient is opened in the clinical system meeting the criteria.

In this example we will create a prompt alerting clinicians when a patient with Asthma who is a daily or irregular smoker presents to the clinic and has not had a spirometry result entered. To start the process we need to set up the filter for the condition asthma and risk factor smoking:



Then we add 'Smoking' from the risk factor tab and click on the 'Recalculate' button to apply the filter:

16 <https://help.pencs.com.au/display/CG/Disease>

17 <https://help.pencs.com.au/display/CG/Screening>

18 <https://help.pencs.com.au/display/CG/Co-morbidities>

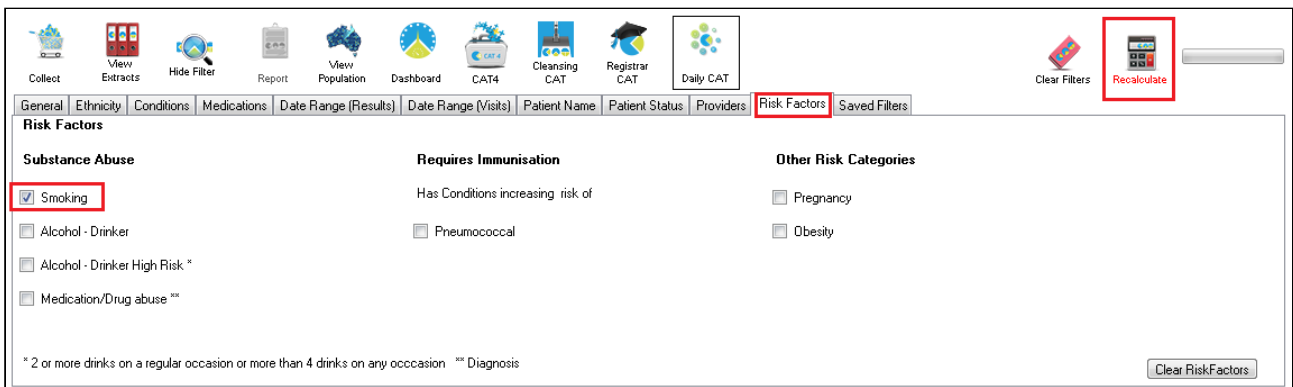
19 <https://help.pencs.com.au/display/CG/Medications>

20 <https://help.pencs.com.au/display/CG/MBS+Eligibility>

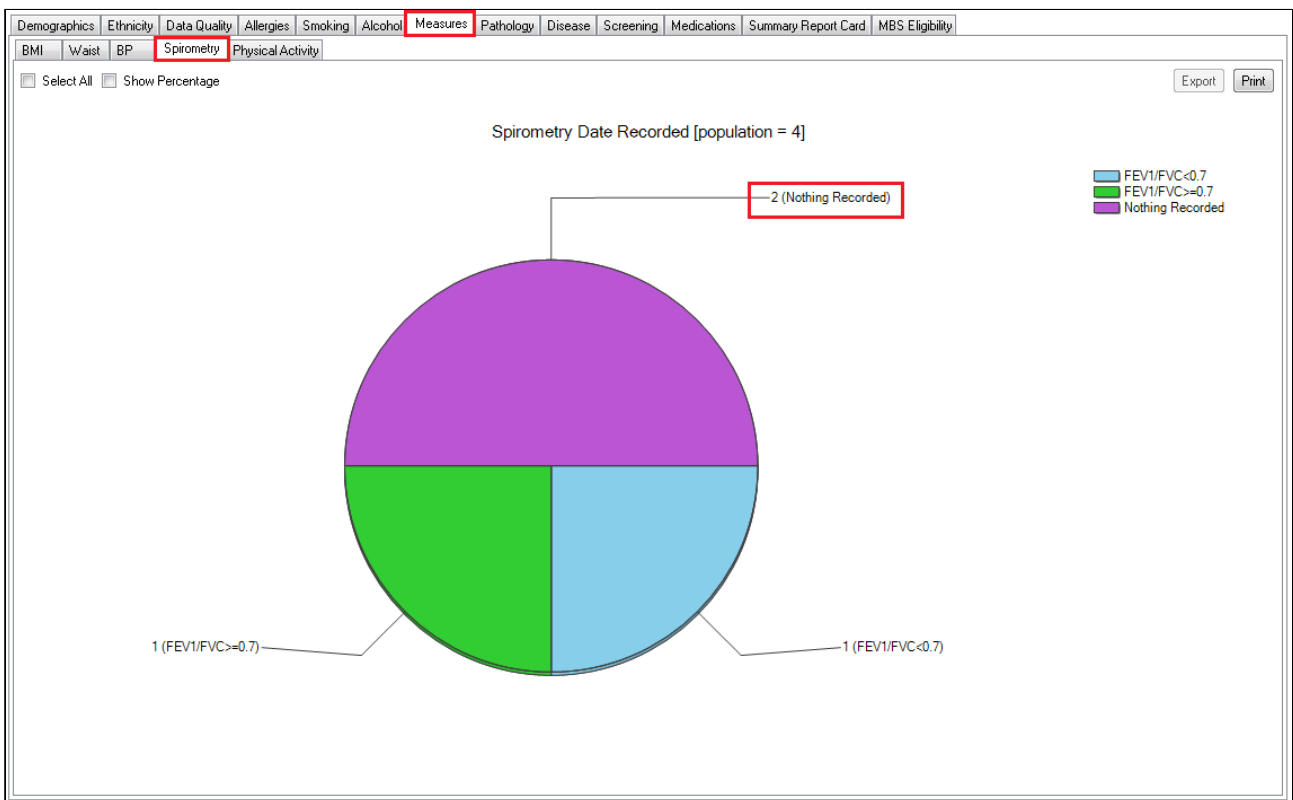
21 <https://help.pencs.com.au/display/CG/Immunisations>

22 <https://help.pencs.com.au/display/CG/Sexual+Health+STI+Screening>

23 <https://help.pencs.com.au/display/CG/My+Health+Record+Status>



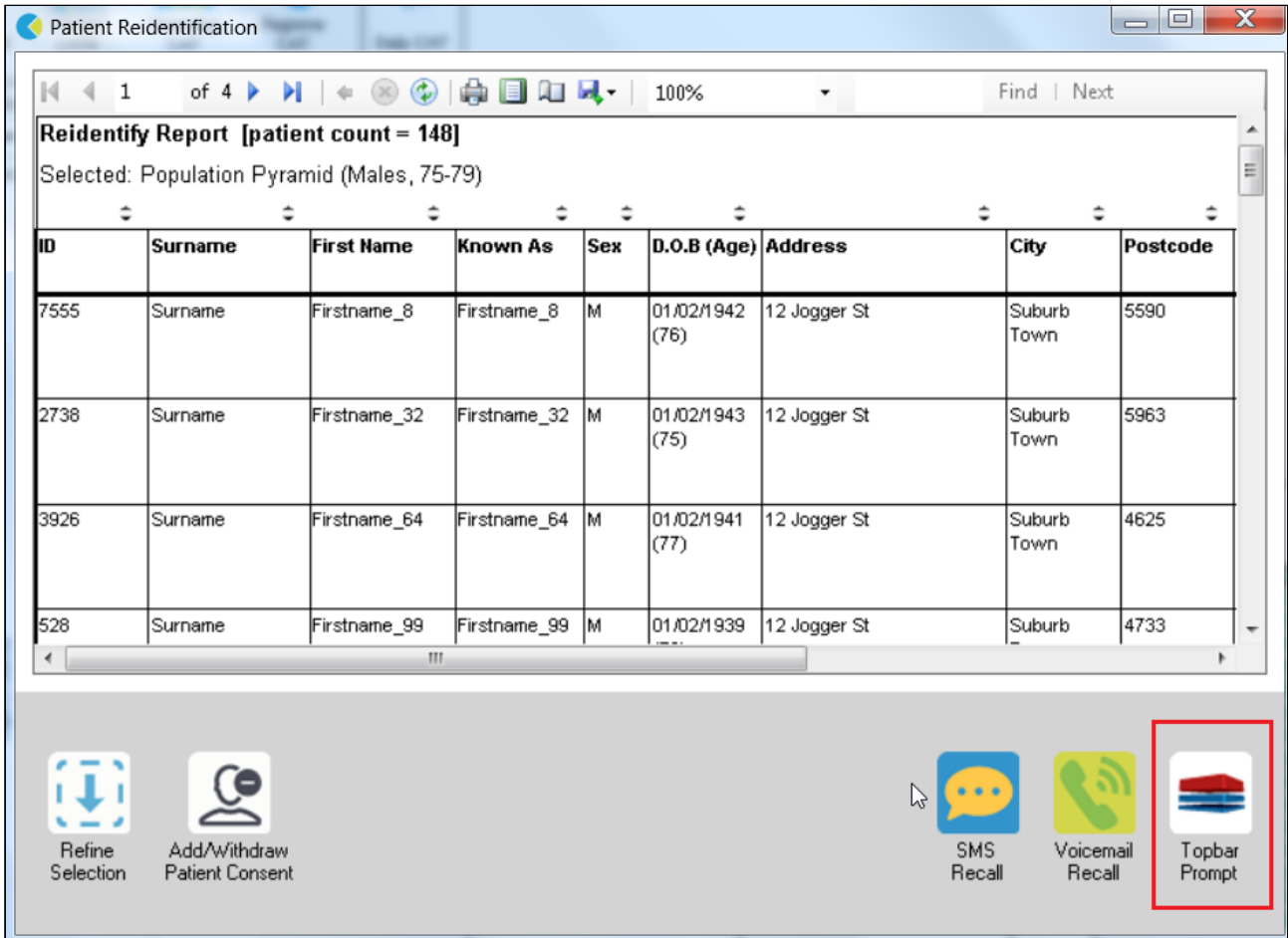
Now we need to select only those patients with no spirometry results. This is done on the Measures/Spirometry report tab. As this is only an example, please remember that you can select multiple parts of one or more graphs to create the conditions for a CAT Prompt.



In this example, only two patients meet the chosen criteria. If any new patients are registered in the clinical system meeting the same criteria in the future, or existing patients are diagnosed with Asthma or start smoking, the created prompt will also apply to them as it is purely about matching the selected conditions, not the individual patients.

To create the prompt, we need to display the 'Patient Re-identification Report'. In this example a double click on the 'nothing recorded' section of the graph will display that report, but if multiple graphs are used to create the prompt the 'Report' button on the top of the screen has to be used.

At the bottom of the 'Patient Re-identification Report' the triangle will display a drop down menu with the option 'Prompt at Consult - Topbar'. This will create the CAT Prompt for patients meeting the selected conditions. Select it and then click on 'Go' to proceed.



The next window contains the details of your filter and charts selection, if any. In this example it shows the filter for Asthma and smoking, and the selected chart segment of 'nothing recorded' on the spirometry chart. The CAT Prompt needs to be given a name, this is the message that will be displayed along with the criteria in Topbar. It should be clearly describing the actions required for the patient. As this is a form of communication between practice staff we recommend to agree on the best way to word this prior to creating the prompts.

Clicking on OK will create the prompt and send it to Topbar.

⚠ Prompts created in CAT4 will be visible instantly in Topbar and are by default active for all Topbar users. This can be changed in Topbar in the [Cat Plus Prompts App settings tab](#)²⁴!

²⁴<https://help.pencs.com.au/display/TUG/CAT+Plus+Prompts+Settings>

Prompt at Consult

Name: Spirometry required - high risk Asthma patient

Filters: Respiratory (Asthma): Yes
Risks (Smoking)

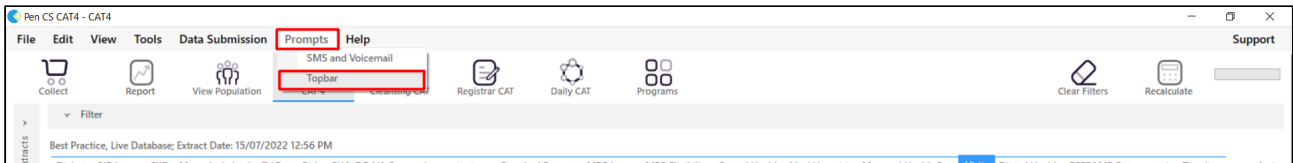
Charts: Spirometry : Nothing Recorded

OK Cancel

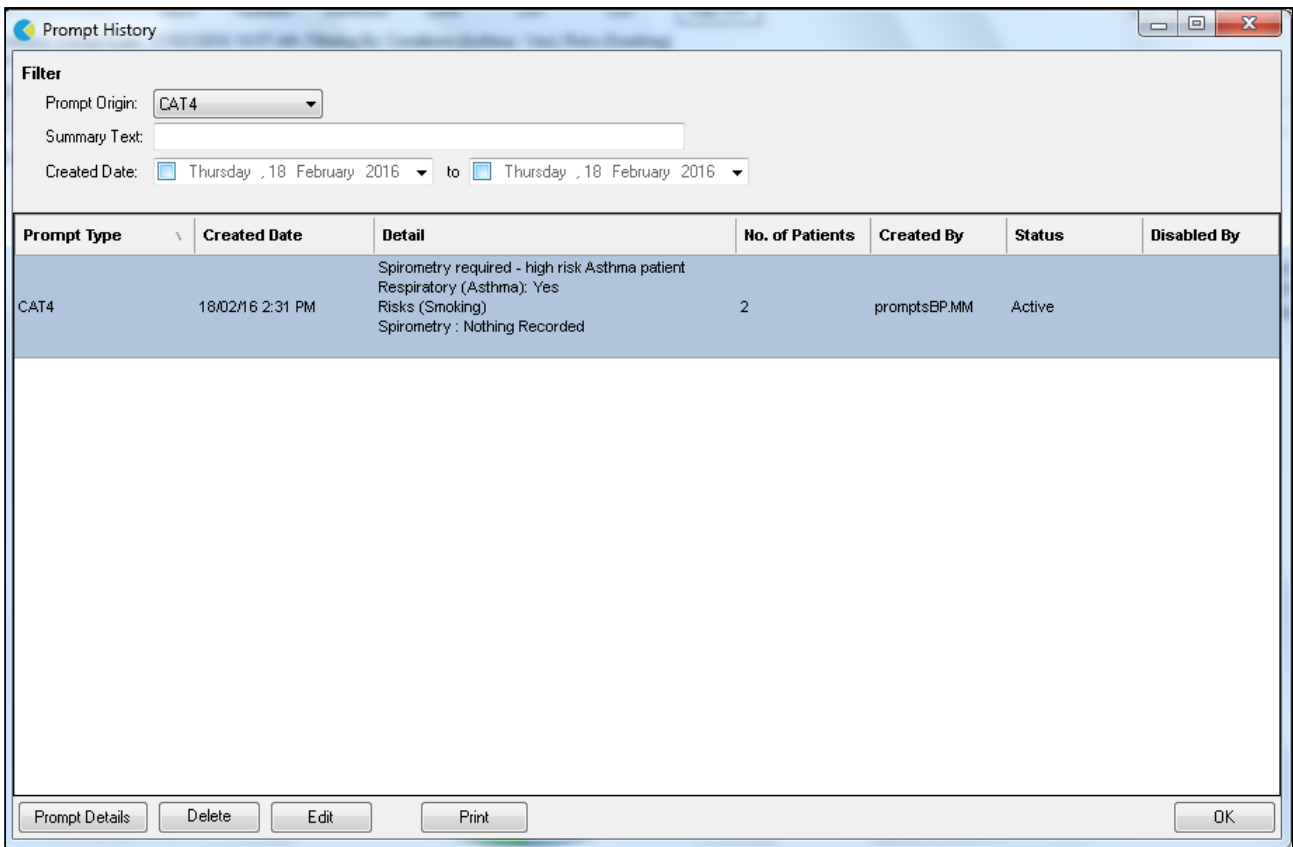
The above is only an example of a prompt, any filter and graph selection combination on the 'Daily View' in CAT4 can be used to create prompts. Please keep in mind that Topbar already prompts for missing demographic and clinical data, so additional prompts for a missing allergy status wouldn't be necessary.

3 Viewing and Editing CAT Prompts in CAT4

CAT4 can display all existing prompts and allows to remove prompts that are no longer needed. This will remove the prompt for all users at the clinic. To access existing prompts click on the 'Prompts' menu on the top of CAT4 and then select 'TopBar':



Prompts can be filtered by origin (CAT4 or PAT CAT), summary text and/or creation date. They can also be sorted by any of the displayed columns by clicking on the column name.



The buttons on the bottom of the window allow you to see the details of the prompt including which patients matching the prompt criteria have been opened in the clinical system. Clicking on the 'Prompt Details' button will display the list of patients - this list is updated as more patients matching the prompt are opened and will take all Topbar users at the clinic into account.

Status	Prompt Presented	Prompt Status	Received By	Family Name	Given Name
Active	18/02/16 3:00 PM	Dismissed	promptsbp.mm	Bccc	Bccc
Active	18/02/16 2:43 PM	Displayed	promptsbp.mm	Aiii	Aiii

The 'Received By' column will show the Topbar user at the clinic who opened the patient in their clinical system and the status will show if the prompt has been displayed, dismissed or deferred.

Prompts can be deleted or edited from the "Prompts History" screen using the respective buttons, and can be exported to comma delimited format with the 'Print' button. Deleting or editing an existing prompt will apply to all users at the clinic.