

Chronic Disease Management setup

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The Chronic Disease Management (CDM) module prompts doctors to create plans for patients who may be eligible for CDM Medicare items. This guide explains the steps required to add triggers for these plans when patients present with eligible problems. To learn how to use the CDM module, see the [user guide](#).

Overview

There are two sets of problems that need to be identified and flagged for the CDM Module: problems to trigger the **Mental Health items**, and problems to trigger **GP Management Plan** items. There are also two types of problems within both sets: those defined using ICPC2+ and those described as free text, either within Zedmed or as a result of input from another application.

For the module to work efficiently, the following setup steps should be performed:

- Associate the relevant document templates with the Medicare CDM items.
- Link recalls to these items where relevant.
- Identifying problems which, when in a patient record, trigger the CDM module to prompt the doctor that the patient may be eligible for one or more CDM items. These problems will need to be associated with the appropriate trigger.
- Switch the CDM module on for either the whole practice or individual doctors.

Important: The CDM Module eligibility criteria and automatic prompts rely in some instances on whether or not patient records contain certain current problems. If practices do not consistently define problems for patients, the efficacy of this function will be impeded.

Link mental health problems to mental health Items

The section explains how to map both the free text defined problems and the ICPC2+ defined problems, as there is nothing relevant to Mental Health in the ICPC2+ grouper.

To link the mental health problem:

1. Go to Clinical and select **Global Options > Chronic Disease Management**.
2. Choose a Mental Health item from **All Patient Triggers**.
3. Select **Map ICPC Codes** or **MAP Text** and follow the applicable section below.
 - **Map ICPC Codes** is for mapping ICPC2+ generated problems to Mental Health Items.
 - **Map Text** is for mapping the free text-generated problems to Mental Health Items.

Global Options

General Communications Letters & Templates Scanning Results Drugs ACIR Immunisation Defaults Chronic Disease Management Library

All Patient Triggers

GP Mental Health Plan - Review

Review of a GP mental health plan

Trigger Information

Map ICPC Codes **Map Text**

Zedmed Criteria Notes

Zedmed will flag a patient as "Eligible" for this item (2712) if they have a previous item 2700,2701, 2710, 2715 or 2717 (GP Mental Health Care Plan) or 291 (Psychiatrist Assessment and Management Plan) recorded. Patients who have any of these items will be flagged as "Ineligible".

Item Descriptors

Linked Templates Linked Recalls

Template Selection for GP Mental Health Plan - Review

The MAP ICPC button

Selecting **Map ICPC Codes** displays the screen below.

All ICPC2+ diagnosis codes available are listed and can be set as True or False:

- **True** - the problem will trigger the CDM Module for a patient assigned this problem via ICPC2+.
- **False** - the problem will NOT trigger the CDM Module for a patient assigned this problem via ICPC2+.

To save any settings, select the **Apply and Refresh** button (**before** selecting **Next** or **Previous** to see another page).

To remove a setting (i.e. reset to Unassigned), right-click the relevant radio button and select **Set Unassigned**.

ICPC Items Representing Mental Disorders

Prev Next Apply & Refresh

Filter: Mapped Values Excluded
Total # of ICPC Problems: 5997 # Mapped: 5269 % Mapped: 88 Change Filter

at risk behaviour [A23 023]	<input type="radio"/> True	<input type="radio"/> False
at risk of COVID-19 [A23 026]	<input type="radio"/> True	<input type="radio"/> False
at risk of falls [A23 025]	<input type="radio"/> True	<input type="radio"/> False
bad body odour [A29 031]	<input type="radio"/> True	<input type="radio"/> False
Bornholm disease [A77 029]	<input type="radio"/> True	<input type="radio"/> False
BRCA1 positive [A21 004]	<input type="radio"/> True	<input type="radio"/> False
BRCA2 positive [A21 002]	<input checked="" type="radio"/> True	<input type="radio"/> False
concern about breast implant [A13 009]	<input type="radio"/> True	<input type="radio"/> False
concern about medical treatment [A13 010]	<input type="radio"/> True	<input type="radio"/> False
contact with leprosy [A23 018]	<input type="radio"/> True	<input type="radio"/> False
contact with tuberculosis [A23 020]	<input type="radio"/> True	<input type="radio"/> False

Set All Fetched Unassigned Records False

Set Unassigned

You can set all unassigned problems displayed to **False** by right-clicking a radio button and then left-clicking on **Set all fetched unassigned records false**, and then modify any that should be **True** by clicking the relevant radio button.

The **totals** at the top show the number of problems to be mapped, the number of problems currently mapped, and the percentage of problems mapped.

The Change Filter button for MAP ICPC codes

Allows you to change the filter to display different problems. The default setting is to exclude the problems already mapped. This can be changed to include the mapped problems for review and possible modification by selecting the **Yes** radio button in the **Include Mapped Records Box**. Problems starting with a particular letter can be displayed if there is a particular problem/s that the user wishes to review.

Filter: Mapped Values Excluded		Change Filter
Total # of ICPC Problems: 5997 # Mapped: 5269 % Mapped: 88		
<input type="radio"/> True	<input type="radio"/> False	<div>Change Filter</div> <div> <input type="radio"/> Include Mapped Records <input checked="" type="radio"/> Yes <input type="radio"/> No </div> <div> Include Only Items Starting With: <input type="text"/> </div> <div> <input checked="" type="button"/> OK <input type="button"/> Cancel </div>
<input type="radio"/> True	<input type="radio"/> False	
<input type="radio"/> True	<input type="radio"/> False	
<input type="radio"/> True	<input type="radio"/> False	
<input type="radio"/> True	<input type="radio"/> False	
<input type="radio"/> True	<input type="radio"/> False	
<input checked="" type="radio"/> True	<input type="radio"/> False	
<input type="radio"/> True	<input type="radio"/> False	
<input type="radio"/> True	<input type="radio"/> False	

Zedmed has provided some default mappings of ICPC2+ Mental Health problems, but these can be reviewed and modified by each practice in this way.

Important: If your filter is set to exclude mapped problems (this is the default setting), the mapped records will disappear from the display when you click on **Apply** and **Refresh**.

The MAP Text button

This button is used to map defined problems using free text. Selecting this button displays the free text problems that have been assigned to patients in Zedmed Clinical at this practice.

The problems are listed based on the number of times the problem has been assigned, ensuring the problems are mapped to the most frequently used first. The problems can be set to **True** or **False** to trigger the CDM module when a patient is assigned the problem, as described above.

Problem Text Items Representing Mental Disorders				
<div> <div>Prev</div> <div>Next</div> <div>Apply & Refresh</div> </div>		<div> Filter: Mapped Values Excluded, Coded Values Excluded <div>Change Filter</div> </div>		
Total # of Instances of Defined Problems: 28		# Mapped: 0 % Mapped: 0		
	<input type="radio"/> True	<input type="radio"/> False	Count	1
a1	<input type="radio"/> True	<input type="radio"/> False	Count	1
anxiety	<input type="radio"/> True	<input type="radio"/> False	Count	3
Anxiety	<input type="radio"/> True	<input type="radio"/> False	Count	1
asthma	<input type="radio"/> True	<input type="radio"/> False	Count	1
b1	<input type="radio"/> True	<input type="radio"/> False	Count	1
b1b2	<input type="radio"/> True	<input type="radio"/> False	Count	1
b1b3	<input type="radio"/> True	<input type="radio"/> False	Count	1
diabetes	<input type="radio"/> True	<input type="radio"/> False	Count	1
far	<input type="radio"/> True	<input type="radio"/> False	Count	1

The **totals** at the top show the total number of records assigned to patients. This means every time a problem is assigned to a patient the count increases by one. The **# Mapped** and **% Mapped** show the number and percentage of defined problems that have been mapped.

The **Change Filter** for the Map text button.

Allows the user to display the mapped records (the default is to show the Free Text problems that have not been mapped), and to either/or show ICPC coded problems that have been assigned to patients.

In all cases there is the option to filter the problems displayed to those starting with a particular letter. This is to assist the user to locate a particular problem or group of problems.

Filter: Mapped Values Excluded, Coded Values Excluded
Total # of Instances of Defined Problems: 28 # Mapped: 0 % Mapped: 0

True	False	Count
<input type="radio"/>	<input type="radio"/>	1
<input type="radio"/>	<input type="radio"/>	1
<input type="radio"/>	<input type="radio"/>	3
<input type="radio"/>	<input type="radio"/>	1
<input type="radio"/>	<input type="radio"/>	1
<input type="radio"/>	<input type="radio"/>	1
<input type="radio"/>	<input type="radio"/>	1
<input type="radio"/>	<input type="radio"/>	1
<input type="radio"/>	<input type="radio"/>	1

Change Filter

Include Mapped Records
☐ Yes ☒ No

Include Coded Records
☐ Yes ☒ No

Include Only Items Starting With:

Link chronic diseases to GPMPs/GPMP reviews

The section explains how to set up a chronic disease problem to trigger a GP Management Plan or a GP Management Plan review. The ICPC2+ grouper has a grouping relating to this category of problems. This means that any problems defined for patients using ICPC2+ will be automatically set to trigger (or not) the CDM Module according to this grouper.

To link chronic diseases:

1. Go to Clinical and select **Global Options > Chronic Disease Management**.
2. Choose a chronic disease from **All Patient Triggers**.
3. Select **MAP Text** to display the free text problems that have been assigned to patients in Zedmed Clinical at this practice.
4. Select **True** or **False** to trigger the CDM module when a patient is assigned the problem, as described above.
 - **True** - the problem will trigger the CDM Module for a patient assigned this problem via ICPC2+.
 - **False** - the problem will NOT trigger the CDM Module for a patient assigned this problem via ICPC2+.
5. To save any settings, select the **Apply and Refresh** button (before selecting **Next** or **Previous** to see another page).

To remove a setting (i.e. reset to Unassigned), right-click the relevant radio button and select **Set Unassigned**.

Global Options

General Communications Letters & Templates Scanning Results Drugs ACIR Immunisation Defaults Chronic Disease Management Library

All Patient Triggers

GP Management Plan

Preparation of GP Management Plan

Trigger Information

Map Text

Zedmed Criteria Notes

The patient must have a chronic disease (as defined by the Chronic Disease Grouper in ICPC2+, or the global free text problems defined)

The patient must not already have a GPMP active according to the recommended frequencies. This

Linked Templates Linked Recalls

Template Selection for GP Management Plan

The problems are listed based on the number of times the problem has been assigned, ensuring the problems are

mapped to the most frequently used first. **The totals** at the top show the total number of records assigned to patients. This means every time a problem is assigned to a patient the count increases by one. The **# Mapped** and **% Mapped** show the number and percentage of defined problems that have been mapped.

Problem Text Items Representing Chronic Diseases			
Prev	Next	Apply & Refresh	Filter: Mapped Values Excluded, Coded Values Excluded
Total # of Instances of Defined Problems: 28		# Mapped: 0	% Mapped: 0
	<input type="radio"/> True	<input type="radio"/> False	Count 1
a1	<input type="radio"/> True	<input type="radio"/> False	Count 1
anxiety	<input type="radio"/> True	<input type="radio"/> False	Count 3
Anxiety	<input type="radio"/> True	<input type="radio"/> False	Count 1
asthma	<input type="radio"/> True	<input type="radio"/> False	Count 1
b1	<input type="radio"/> True	<input type="radio"/> False	Count 1
b1b2	<input type="radio"/> True	<input type="radio"/> False	Count 1
b1b3	<input type="radio"/> True	<input type="radio"/> False	Count 1

Set up Recalls

Relevant recalls can be linked to individual items in a similar way to the linking of relevant document templates.

To set up a recall:

1. Choose a patient trigger from the drop-down list.
2. Select the **Linked Recalls** tab.
3. Under **Unselected Recalls**, select the recall required.
4. Select the arrow pointing right to move the template to the **Selected Recalls** list.
5. If the default maturity period is not suitable for CDM purposes, select the Day, Month, or Year radio button and enter the required number.

Global Options

General
Communications
Letters & Templates
Scanning
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Drugs
ACIR Immunisation Defaults
Chronic Disease Management
Library

All Patient Triggers

GP Management Plan
Preparation of GP Management Plan

Trigger Information
Map Text

Zedmed Criteria Notes

The patient must have a chronic disease (as defined by the Chronic Disease Grouper in ICPC2+, or the global free text problems defined)

The patient must not already have a CDMP active according to the recommended frequencies. This

Linked Templates

Linked Recalls

Default recalls to add when this trigger is executed

Unselected Recalls
GP Management Plan - Review*
Health Assessment*
Mental Health Plan - Review*
Regular Check up
Team Care Arrangement - Review*

>
<

Selected Recalls
GP Management Plan - Review*[3M]

3
Day
Month
Year

