

Clinical Decision Support Rule (CDS)

Use clinical decision support to improve performance on high-priority health conditions.

1) Implement five clinical decision support rules related to four or more CQM. If no CQMs are relevant to your practice, the CDS must be related to high-priority health conditions. This can be setup in ONCOCHART by going to *Utilities > Patients > Action Generator*.

Contact ONCOCHART support if you need assistance implementing this measure.

The Stage 2 Meaningful Use requires a provider to create at least **5 CDS Alerts** and all of them must be related to **at least 4 CQM**. You can either choose to add an alert for each of the following trigger types (Problem List, Medication, Vital Signs, Allergy, and repeat one) or create 5 alerts for problem list from the provided list of SNOMED codes on page 2.

How to meet this measure using ONCOCHART -

1. How to add a CDS for a Problem

a. Bilateral Mastectomy (NQF 0031)

You can add a CDS for Bilateral Mastectomy under Utilities > Patients > Action Generator.

Select Action Type (Clinical Decision Support) > Trigger Type (Problem List) > Trigger Conditions (Bilateral Mastectomy) > Select Patient Gender > Enter CDS text that would be useful and informative.

If Bilateral Mastectomy isn't in your Trigger Conditions drop down, click the ellipsis button and search for it

The screenshot shows the ONCOCHART ACTION GENERATOR interface. On the left, a 'SNOMED SEARCH' window is open, displaying a table of search results for 'Bilateral Mastectomy'. The table has two columns: 'Code' and 'Description'. The first row is highlighted in blue.

Code	Description
14714006	Bilateral mastectomy with excision of bilateral regional lymph nodes
27865001	Bilateral mastectomy
52314009	Bilateral mastectomy extended simple
172045004	Bilateral mastectomy
428529004	History of bilateral mastectomy

Below the table are 'OK' and 'Cancel' buttons. A red arrow points from the 'Bilateral mastectomy' row in the table to the 'Trigger Conditions' dropdown in the main configuration panel.

The main configuration panel on the right contains the following fields:

- Action Type:** Clinical Decision Support (dropdown)
- Trigger Type:** Problem List (dropdown)
- Trigger Conditions:** Bilateral Mastectomy (dropdown with ellipsis button)
- Patient Gender:** Both (dropdown)
- Age Bounds:** Lower: 0, Upper: 0 (spinners)
- Medicare?** (checkbox)
- Combine with Parent Clinical Decision Alert:** (checkbox)
- Clinical Role:** Physician (dropdown)
- Clinical Decision Support Text:** Carefully review this patient chart (text area)
- Bibliographic Citation:** (text area)
- Developer:** (text area)
- Funding Source:** (text area)
- Release Date:** (dropdown)
- Revision Date:** (dropdown)

At the bottom of the main panel are 'Save', 'Cancel', 'Delete Action', and 'Exit' buttons.

Provided below are (4) CQMs and related SNOMED codes. To fulfill this measure you can implement a CDS Alert for each CQM (NQF) listed below and an additional one from the same list.

NQF 0031 (Breast Cancer Screening) –

8115005,14714006,17086001,22418005,22964006,27865001,52314009,72269009,73359007,76468001,88764002,172045004,428529004,456903003

NQF 0052 (Low Back Pain) –

156648004,247368002,278860009,278862001,279039007,279040009,300957005,389320000,390055001

NQF 0034 (Colorectal Cancer Screening) -

26390003,149393009,174066006,174067002,174068007,235324002,307666008,307667004,307669001,309487001

NQF 0389 (Prostate Cancer) - 26294005,149714000,176259004,176261008,176262001,176263006

How to add a CDS for a medication -

You can add a CDS for Tamoxifen (*NQF 0387*) under Utilities > Patients > Action Generator. Select Action Type (Clinical Decision Support) > Trigger Type (Medication) > Trigger Conditions (Tamoxifen) > Select Patient Gender > Enter CDS text that would be useful and informative. If you add Tamoxifen to a patient's ePrescribe, you should receive an alert once the medication syncs with ONCOCHART.

Action Type
Clinical Decision Support

Trigger Type
Medication

Trigger Conditions
tamoxifen

Patient Gender
Both

☐ Medicare?

Age Bounds
Lower: 0
Upper: 0

Combine with Parent Clinical Decision Alert
☒

Clinical Role
Patient medication

Clinical Decision Support Text
Patient medication

Bibliographic Citation

Developer

Funding Source

Release Date

Revision Date

How to add a CDS for a vital sign –

You can add a CDS for the vital sign weight (*NQF 0421*) under Utilities > Patients > Action Generator. Select Action Type (Clinical Decision Support) > Trigger Type (Vital Signs) > Trigger Conditions (weight lbs or weight kg) > Add weight triggers > Enter CDS text that would be useful and informative. If you enter in a weight that is out of range, you'll receive an alert in ONCOCHART.

The screenshot shows the 'Action Generator' window in ONCOCHART. The form is titled 'R' and contains the following sections:

- Action Type:** A dropdown menu set to 'Clinical Decision Support'.
- Trigger Type:** A dropdown menu set to 'Vital Signs'.
- Trigger Conditions:** A dropdown menu set to 'Weight Lbs.'.
- Patient Gender:** A dropdown menu set to 'Both'.
- Medicare?:** An unchecked checkbox.
- Age Bounds:** Two input fields for 'Lower' and 'Upper' age, both set to '0'.
- Trigger When:** Two input fields for 'Below' and 'Above' weight, set to '120.00' and '200.00' respectively.
- Combine with Parent Clinical Decision Alert:** A dropdown menu set to 'No'.
- Clinical Role:** A dropdown menu set to 'Physician'.
- Clinical Decision Support Text:** A text area containing the text: 'Advise this patient the his/her weight is out of a normal range. Not addressing this could lead to health problems in the future.'
- Bibliographic Citation:** An empty text field.
- Developer:** An empty text field.
- Funding Source:** An empty text field.
- Release Date:** A date picker set to '1/1/2014'.
- Revision Date:** A date picker set to '1/1/2014'.

2) The EP has enabled and implemented functionality for drug-drug and drug-allergy interaction checks the entire EHR reporting period.

You can meet this measure by using ePrescribe to maintain physician written prescriptions, outside medications and patient allergies.