

## Clinical Decision Support Rule (CDS)

Implement one clinical decision support rule **relevant to specialty** or **high clinical priority** along with the ability to track compliance with that rule.

1) This can be setup in ONCOCHART by going to *Utilities > Patients > Action Generator*.

Contact ONCOCHART support if you need assistance implementing this measure.

### How to meet this measure using ONCOCHART -

#### 1. How to add a CDS for a Problem

##### a. Mastectomy (NQF0031)

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

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

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

The screenshot shows the 'ACTION GENERATOR' window. On the left, a 'SNOMED SEARCH' window is open with 'mastectomy' entered in the search string. The search results list various codes and descriptions, with '5894001 Mastectomy' highlighted. A red arrow points from this result to the 'Trigger Conditions' dropdown in the main form. The main form has the following fields:

- Action Type:** Clinical Decision Support
- Trigger Type:** Problem List
- Trigger Conditions:** Mastectomy
- Patient Gender:** Female
- Age Bounds:** Lower: 0, Upper: 0
- Medicare?** (checkbox)
- Combine with Parent Clinical Decision Alert:** (checkbox)
- Clinical Role:** (dropdown)
- Clinical Decision Support Text:** Carefully review this patient's chart.
- Bibliographic Citation:** (text field)
- Developer:** (text field)
- Funding Source:** (text field)
- Release Date:** (dropdown)
- Revision Date:** (dropdown)

You can also add CDS for problems related to *low back pain (NQF 0052)*, *colectomy (NQF 0034)*, *prostatectomy (NQF 0389)* and *vaccination not carried out because of contraindication (NQF 0038)*

## 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.

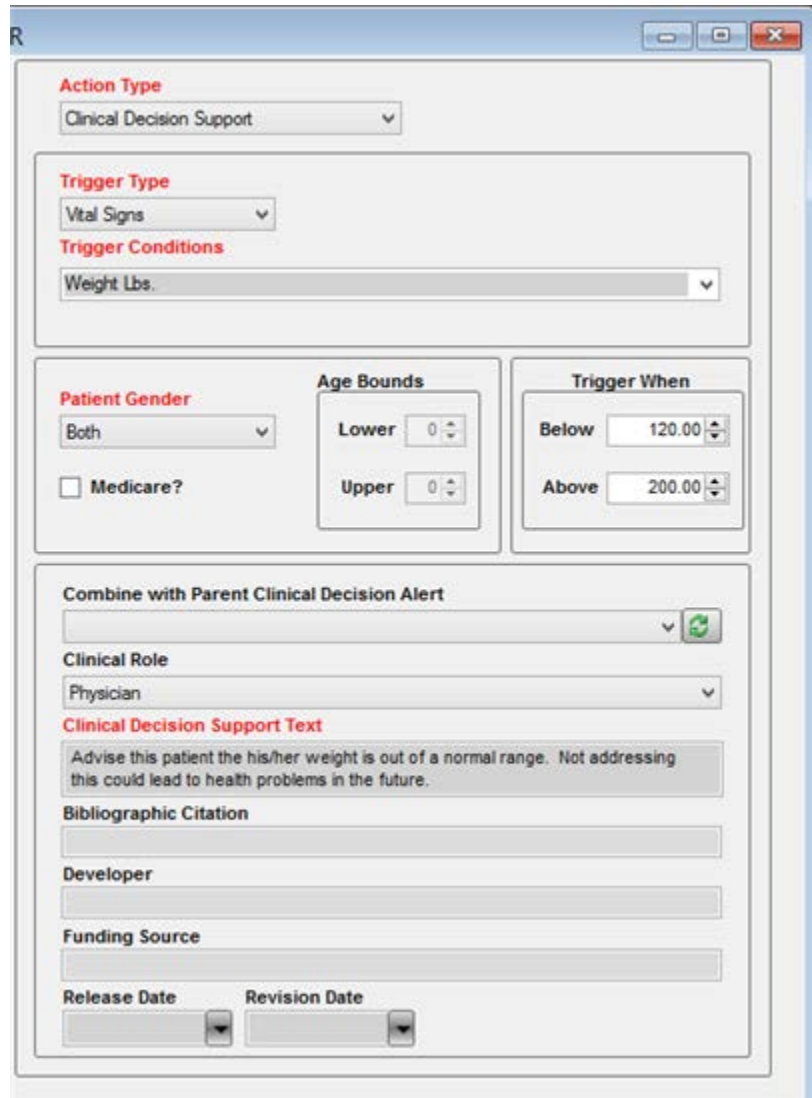
The screenshot shows the 'Action Generator' form in ONCOCHART. The 'Action Type' is set to 'Clinical Decision Support'. The 'Trigger Type' is set to 'Medication', and the 'Trigger Conditions' is set to 'tamoxifen'. The 'Patient Gender' is set to 'Both', and the 'Medicare?' checkbox is unchecked. The 'Age Bounds' section has 'Lower' and 'Upper' fields, both set to 0. The 'Combine with Parent Clinical Decision Alert' checkbox is checked. The 'Clinical Role' is set to 'Patient medication'. The 'Clinical Decision Support Text' field contains 'Patient medication'. The 'Bibliographic Citation', 'Developer', and 'Funding Source' fields are empty. The 'Release Date' and 'Revision Date' are set to the current 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 ONCOCHART Action Generator interface. The 'Action Type' is set to 'Clinical Decision Support'. The 'Trigger Type' is 'Vital Signs'. The 'Trigger Conditions' are set to 'Weight Lbs.'. The 'Patient Gender' is 'Both' and 'Medicare?' is unchecked. The 'Age Bounds' are set to 'Lower' 0 and 'Upper' 0. The 'Trigger When' is set to 'Below' 120.00 and 'Above' 200.00. The 'Combine with Parent Clinical Decision Alert' is checked. The 'Clinical Role' is 'Physician'. The 'Clinical Decision Support Text' is 'Advise this patient the his/her weight is out of a normal range. Not addressing this could lead to health problems in the future.' The 'Bibliographic Citation', 'Developer', and 'Funding Source' fields are empty. The 'Release Date' and 'Revision Date' are also empty.

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.