

CLINICAL DECISION SUPPORT RULE

(Core Objective #6)

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

MEASURE 1: Implement five clinical decision support interventions related to four or more clinical quality measures at a relevant point in patient care for the entire EHR reporting period. Absent four clinical quality measures related to an EP's scope of practice or patient population, the clinical decision support interventions must be related to high-priority health conditions.

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

EXCLUSION: For the second measure, any EP who writes fewer than 100 medication orders during the EHR reporting period.

CMS Website for Clinical Decision Support Measure:

http://www.cms.gov/Regulations-and-Guidance/Legislation/EHRIncentivePrograms/downloads/Stage2_EPCore_6_ClinicalDecisionSupport.pdf

PowerSoftMD Video Link:

<http://www.powersoftmd.com/FlashMU/ClinicalDecisionSupportRules.html>

NUMERATOR: N/A

DENOMINATOR: N/A

IMPORTANT SETUP: Before entering any CDS Rules, you must:

- 1) From the Primary Menu, go to the "Utility Menu", then "Advanced Utilities", then "Define User Security"
- 2) On the UserID screen, click the yellow "User List" button to select your UserID, then enter the "**Role**" of your User. Follow all the prompts that appear, as well.

See the next page for a screenshot:

User ID Definitions

002	DEMO	DEMO	DEMO USER	
User Number	User Identification	Sign On Password	Name of User	
	Last Name	First Name	In	Suffix
NPI or ID Number	Role, Doctor, etc.	eScript Doc	Meaningful Use Definitions	<input type="checkbox"/> In-Activate User ID

Security Options

<input checked="" type="checkbox"/> Access Utility Menu	<input checked="" type="checkbox"/> Access Financial Reports
<input checked="" type="checkbox"/> Advanced Utility Access	<input checked="" type="checkbox"/> Modify Ledger items, except Balance
<input checked="" type="checkbox"/> Access User ID Definitions	<input checked="" type="checkbox"/> Delete or Merge Patient Records
<input checked="" type="checkbox"/> Access Schedule Utility Menu Without Special Password	<input type="checkbox"/> Delete Ledger Items Posted by any UserID
<input type="checkbox"/> Force Patient Balance Changes	

Advanced Options

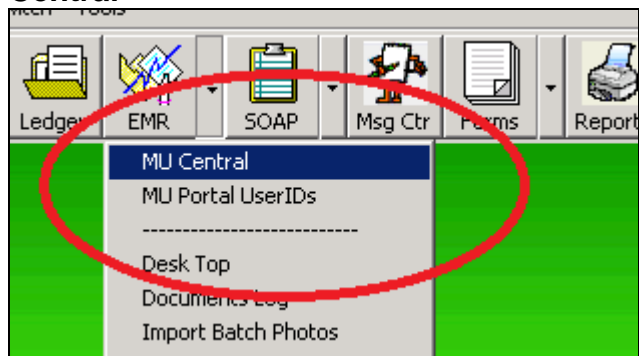
<input checked="" type="checkbox"/> Access Management Audit Reports	<input checked="" type="checkbox"/> EMR Electronic Medical Records Access
<input checked="" type="checkbox"/> Paper Prescription Access	<input type="checkbox"/> EMR Access ONLY
<input checked="" type="checkbox"/> Paper Prescription VOID	<input type="checkbox"/> eScripts - Write New Scripts
<input checked="" type="checkbox"/> Access To Do List	<input type="checkbox"/> Stop Posting Screen Access
<input type="checkbox"/> Allow anyone to access my Msg Center Mail Box	<input type="checkbox"/> Access SOAP Note Review Window
<input type="checkbox"/> Allow me to access anyones Msg Center Mail Box	<input type="checkbox"/> Update Decision Support Rules
	<input type="checkbox"/> Display Multiple Drive Switch buttons

Emergency Access

☒ User Is Not Allowed Emergency Access
☐ User is Allowed Emergency Access
☐ User is an Emergency Access User Profile

HOW TO:

1) From the Primary Menu, select the drop-down arrow next to EMR labeled “MU Central”



2) On the lower-right hand side of the “MU Central” screen, select “**Define Clinical Decision Support Rules**”

<input checked="" type="checkbox"/> Patient Search List	<input type="checkbox"/> Refer Patient to Doctor or Facility
<input checked="" type="checkbox"/> Patient Reminder List	Exchange Clinical Information
<input checked="" type="checkbox"/> View/Update Patient Reminders	<input type="checkbox"/> Send Clinical Information
<input checked="" type="checkbox"/> List of Patients Given Portal Info	<input type="checkbox"/> Receive Clinical Information
File Tasks/Transmissions	Patient Requests
<input type="checkbox"/> Encrypt/Decrypt Files	<input type="checkbox"/> Clinical Summary
<input type="checkbox"/> Hash Code - Compare Files	<input type="checkbox"/> Electronic Copy Health Record CCR
<input type="checkbox"/> Submit to Immunization Registry	Timely Access - Patient Portal
<input type="checkbox"/> Submit Public Health Surveillance	<input type="checkbox"/> Patient's Portal UserID Definitions
Other	<input type="checkbox"/> Export Info to Patient Portal Folder
<input checked="" type="checkbox"/> Define Clinical Decision Support Rules	<input type="checkbox"/> View Patient's Portal Folder Contents
<input type="checkbox"/> View Referring Doctors Portal Folder	<input type="checkbox"/> Create Portal Folders for All Users
Help	Exit

3) On the main Clinical Decision Support screen, there are several options.

1) To begin, click the top toolbar “Tools” option, then “Add Starter Rules”. Answer the pop-up questions to decide which sample rules you want to start with. You will see the new rules listed on the left side of the screen.

2) Once you’ve added the sample rules, you can click on an existing one to change its name, the message it brings up, what criteria it looks for, and if it references an online resource.

3) In the upper-right, you can “De-Activate a Rule”. You can also decide which type of staff member the rule applies to, such as doctor, nurse, assistant, etc.

The screenshot shows the 'Clinical Decision Support Rule Definition' window. It includes a top toolbar with 'Tools', 'Add Starter Rules', 'View Audit', and 'Help Video'. The main area is divided into several sections:

- Rule #** and **Rule Name** fields.
- Warning Message** and **Reference Link** fields.
- De-Activate Rule** checkbox.
- Staff Rule Applies To** section with checkboxes for Assistant, Lab Tech, Doctor, Nurse, PA, Nurse Prac, NP, Biller, Clerk, and Reception.
- Rules Listing** section on the left with a list of rules: Allergy to Penicillin, Blood Thinner Coumadin or Warfarin, Diastolic Hypertension, Fasting Glucose, High blood pressure: Stage 1, High blood pressure: Stage 2, Obesity 1, Obesity 2, Osteoporosis Screening, Rule 0001, Rule 0002, Rule 0003, and Rule 0004.
- Criteria** section with sub-sections: Demographics (Age Range, Sex), Problems (Code, Problem Description), Vital Signs - Blood Pressure Warning (Systolic, Diastolic, Low, High), Vital Signs - Ranges (Weight, Height), Lab Test Results (Test Code, Lab Test Name, Normal Range, Low, High), Medications (Code, Medication), and Allergies (Code, Allergic Medication).
- Check All** button.
- Bottom Buttons**: Add New Rule, Get by Number, Save, Help, Med Info Resources, Copy Rule, Delete Rule, Cancel, and Exit.

Numbered callouts are present: **1** points to the 'Tools' button in the top toolbar; **2** points to the 'Rules Listing' section; **3** points to the 'De-Activate Rule' checkbox.