

Technical Instructions for the Oracle Health (Cerner) EHR System

Creating a clinical decision
alert to identify patients
who have MF and anemia

OVERVIEW

This document is intended to provide health systems with technical instructions to create a clinical decision alert in the EHR system for identifying patients who have MF and anemia. This guide is for the Oracle Health (Cerner) EHR system and is not appropriate for other conditions, treatments, or therapeutic areas or for other EHR systems.

This guide does not constitute guidance for treatment or medical advice. It is the responsibility of the healthcare provider (HCP) to identify patients and select a treatment based on their independent medical judgment and the needs of each individual patient.

The process outlined in this document is variable, and not all steps will apply to every organization. Any steps or settings that are not part of an organization’s standard process should be excluded or modified accordingly. Any questions should be directed to the appropriate service provider. The organization is solely responsible for implementing, testing, monitoring, and the ongoing operation of any EHR tools.

The examples and instructions listed in this guide are based on the most recent version of Oracle Health (Cerner). Locations, illustrations, and terminology are subject to change with system updates. This guide is meant to serve as an overview only and should not replace detailed instructions provided to you by your internal or external EHR support resources. GSK makes no claims or warranties about the applicability or appropriateness of this information. This guide has not been reviewed or endorsed by Oracle Health (Cerner). GSK does not endorse or recommend any EHR system.

Suggested Criteria

Consider the following criteria to create an alert that identifies adult patients who have MF and anemia.

Criteria for the Alert

- Diagnosis of MF using ICD-10-CM codes
 - D75.81 – Myelofibrosis
 - D47.4 – Osteomyelofibrosis
- Diagnosis of anemia using ICD-10-CM codes
 - D63.0 – Anemia in neoplastic disease
 - D64.9 – Anemia, unspecified
- Low Hb results*
 - Result of “X” g/dL

*Please enter the institution’s value for the definition of anemia.

Logic

- Patients with a diagnosis of MF **PLUS** a diagnosis of anemia **AND** low Hb results
- Patients with a diagnosis of MF **PLUS** a diagnosis of anemia **OR** low Hb results

Note: *The suggested criteria/information are routinely documented in structured fields in the EHR. Review current documentation practices and review available data. It is recommended to manually review the patient’s chart to confirm if patient meets the criteria that you have chosen.*

INSTRUCTIONS

The steps to create a Discern Alert module are described below. Analyst administrative rights are typically required to access this functionality.

1. To start creating an alert, open the **Expert Knowledge Module** by selecting DiscernDev.exe or DiscernLaunch.exe.
2. Complete the desired name and other parameters. Set the status to testing.
3. Create the **Evoke** section parameters.

E1:

- i. Select OPENCHART
- ii. Select EKS_APPLICATION_E and select for Application select HNA: Powerchart

E2:

- iii. Select OPENCHART
- iv. Select EKS_USER_POSITION_E and for POSITION select the desired Provider Type and set the desired role types
- v. An encounter location/setting may be added to restrict the alert to the desired care setting. Select the appropriate template to limit the alert

4. Set the **Logic** section parameters.

L1:

- i. Select EKS_DIAGNOSIS_FIND_L
- ii. Set the OPT_DIAGNOSIS to the myelofibrosis ICD-10-CM codes D75.81 and D47.4
- iii. Select Ok to complete setting the parameter

L2:

- i. Select EKS_DIAGNOSIS_FIND_L
- ii. Set the OPT_DIAGNOSIS to the anemia ICD-10-CM codes D63.0 and D64.9
- iii. Select Ok to complete setting the parameter

L3:

- i. Select EKS_CE_RESULT_MOST_RECENT_L
- ii. Set the most recent result for Hb
- iii. Set the EVALUATION to the desired range enter the desired value range for the Hb result
- iv. Select Ok to complete setting the parameter

5. Finally, set the **Action** section parameters.

- a. Set the operator logic to (L1 AND L2) OR (L1 AND L3)
- b. To set up a text alert, select EKS_BUILD_MESSAGE_A. Enter desired text for alert
- c. Complete the text alert by inserting a link to the product (OPT_FORM)

6. Test the new alert and activate and release once satisfactory testing has been completed.

DISCLAIMERS

- The user (ie, physician, medical group, integrated delivery network) shall be solely responsible for implementation, testing, and monitoring of the instructions to ensure proper orientation in each user's EHR system.
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- While EHRs may assist providers in identifying patients who may be appropriate for consideration of assessment, treatment, and referral, the decision and action must ultimately be decided by a provider in consultation with the patient, after a review of the patient's records to determine eligibility.
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Reference: 2025 code tables, tabular and index. Centers for Medicare & Medicaid Services. Accessed December 8, 2025.
<https://www.cms.gov/files/zip/2025-code-tables-tabular-and-index.zip>

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