

# Technical Instructions for the Epic EHR System

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

## OVERVIEW

This document is intended to help provide health systems with technical instructions to create a clinical decision alert in the EHR system for identifying adult patients who have MF and anemia. This guide is for the Epic 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 Epic. 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 Epic. 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

Epic's clinical decision alert, an Our Practice Advisory (OPA, formerly called a Best Practice Advisory or BPA), may be created or customized to align with the health system's clinical preferences and workflow. An OPA creates a reminder for the clinical staff and displays suggested follow-up recommendations to the end user for their consideration.

## STEP 1: Create the Diagnosis Grouper Record for anemia and MF

**Note:** This step may be optional, depending on the availability of existing grouper records. Creating grouper records requires administrative rights. Consult your organization if administrative rights are required to access the reporting solutions.

### Diagnosis Grouper for Anemia

1. Access the **Grouper Record Editor** in **Tools>Management Console**.
2. Select the **Diagnoses (EDG)** master file and set the type to ICD.
3. **Add** the ICD-10-CM codes for anemia to the diagnosis grouper: D63.0, D64.9.
4. Click **Save**.

### Diagnosis Grouper for MF

1. Access the **Grouper Record Editor** in **Tools>Management Console**.
2. Select the **Diagnoses (EDG)** master file and set the type to ICD.
3. **Add** the ICD-10-CM codes for MF to the diagnosis grouper: D75.81 and D47.4.
4. Click **Save**.

Continued on page 4

## INSTRUCTIONS (cont'd)

### STEP 2: Create the OPA Criteria and Base Records

#### OPA Criteria Records

1. Access the **Our Practice Advisory Editor** by searching for Our Practice or following the path **Tools>Management Console>Decision Support**.
2. Start with creating the Criteria record (select the **Criteria Record** type), start editing the record, and click **+ Add Criteria Type**.
3. Select the **Diagnoses** criteria type. In the **Diagnosis Grouper** field, enter the myelofibrosis grouper record.
4. When the **Criteria** record is completed, select **Released**.

#### Criteria Record 2: Anemia Diagnosis

- a. Access the **Our Practice Advisory Editor** by searching for Our Practice or following the path **Tools>Management Console>Decision Support**.
- b. Start with creating the **Criteria record** (select the **Criteria Record** type), start editing the record and click **+ Add Criteria Type**.
- c. Select the **Diagnoses criteria** type. In the **Diagnosis Grouper** field, enter the anemia grouper record.
- d. When the **Criteria** record is completed, select **Released**.

#### Criteria Record 3: Anemia Diagnosis

- a. Access the **Our Practice Advisory Editor** by searching for Our Practice or following the path **Tools>Management Console>Decision Support**.
- b. Start with creating the Criteria record (select the **Criteria Record** type), start editing the record and click **+ Add Criteria Type**.
- c. Select the **Lab Component** criteria type. In the **Common Name** field, enter and search for hemoglobin or Hb and enter the desired value range for the hemoglobin result.
- d. When the Criteria record is completed, select **Released**.

Continued on page 5

## INSTRUCTIONS (cont'd)

### STEP 2: Create the OPA Criteria and Base Records (cont'd)

#### OPA Base Record

- a. Access the **Our Practice Advisory Editor** by searching for Our Practice or following the path **Tools>Management Console>Decision Support**.
- b. Create the Base record (select the **Base Record** type), start editing the record and click **+ Add Criteria Type**.
- c. In the Display section
  - i. Select **Yes** for Display to User
  - ii. Enter a **Summary Text** of your choosing to describe the advisory
  - iii. Enter an **Unformatted Display Text** of your choosing
- d. In the **Criteria** section
  - i. Add the Criteria records created in step 1 in the Linked Criteria
  - ii. In the Logic section, set the logic to (1 AND 2) OR (1 AND 3)
    - Use the **Logic Tester** to confirm the OPA works as expected
5. In the **Restrictions**, set any desired restrictions. In **Encounter Limitation Inclusion**, select the desired **Location, Specialty** or (the selection of the filter may vary depending on how the Epic EHR system was set up). Select the **Department Specialty** and/or **Provider Type** and set the role to hematology.
6. Set the desired **Triggers** for the OPA per institution's conventions.
7. Set the desired **Actions**.
  - a. Actions: Order
    - Set the order to direct to product
8. Preview the **OPA** to confirm the expected display result.
9. Select the **Test** activity and complete any Testing (Troubleshooting) if needed and consider additional end user testing before Releasing the OPA.

## 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.
- Capabilities, functionality, and set-up (customization) for each EHR system may vary. GSK is not responsible for revising the implementation instructions it provides to any user if user modifies or changes its software, or the configuration of its EHR system, after such time as the implementation instructions have been initially provided by GSK.
- While GSK tests its implementation instructions on multiple EHR systems, the instructions are not guaranteed to work for all available EHR systems, and GSK shall have no liability thereto.
- 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.
- The instructions have not been designed to and are not tools and/or solutions for meeting Advancing Care Information and/or any other quality/accreditation requirement.
- All products are trademarks of their respective holders, all rights reserved. Reference to these products is not intended to imply affiliation with or sponsorship of GSK and/or its affiliates.

**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>

Epic is owned by Epic Systems Corporation.

Trademarks are property of their respective owners.

©2026 GSK or licensor.  
NPUS-MMLBROC250005 February 2026  
Produced in USA.

File name: Epic Alerts 2026

