

# Technical Instructions for the Epic EHR System

Updating treatment plans with OJJAARA for the treatment of adult patients with intermediate or high-risk MF with anemia, including primary MF or secondary MF (Post-PV and Post-ET)

EHR = electronic health record; MF = myelofibrosis; post-ET = post-essential thrombocythemia; post-PV = post-polycythemia vera.

## INDICATION

OJJAARA is indicated for the treatment of intermediate or high-risk myelofibrosis (MF), including primary MF or secondary MF [post-polycythemia vera (PV) and post-essential thrombocythemia (ET)], in adults with anemia.

## IMPORTANT SAFETY INFORMATION

### Risk of Infections

- Serious (including fatal) infections (e.g., bacterial and viral, including COVID-19) occurred in 13% of patients treated with OJJAARA. Infections regardless of grade occurred in 38% of patients. Delay starting therapy until active infections have resolved. Monitor patients for signs and symptoms of infection and initiate appropriate treatment promptly.

## OVERVIEW

This document is intended to help provide health systems with technical instructions to add the product treatment plan in the EHR system for the treatment of adult patients with intermediate or high-risk MF with anemia, including primary MF or secondary MF (Post-PV and Post-ET). 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 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, and monitoring 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.

### Considerations

Treatment plans are commonly used in the management of oncology patients (your organization may refer to these as Beacon plans, treatment regimens, or protocols). After their initial release, treatment plans may benefit from a clinical update to incorporate new products or new indications. The optimization of treatment plans is a common process and provides an opportunity to incorporate treatment updates. Treatment plans are typically modified at the health system level to help reduce practice variation.

Typically, an organization will conduct a clinical review to confirm and approve the suggested optimization. Various stakeholders may participate in reviewing treatment plan optimization requests prior to implementation.

### Suggested treatment plan content

**Key clinical details from the OJJAARA Prescribing Information are included on the following pages and may be incorporated as part of the treatment plan update based on steps in the instructions section that follows.**

The Prescribing Information in this section is to be used as a reference, and it is strongly recommended that clinical and operational leadership align the treatment plan contents with the expectations and goals of the organization. The organization may add or edit any details as desired to align with governing EHR policies and standards.

Please consult the most recent version of the [OJJAARA Prescribing Information](#) for full medication details.

## IMPORTANT SAFETY INFORMATION (cont'd)

### Risk of Infections (cont'd)

#### Hepatitis B Reactivation

- Hepatitis B viral load (HBV-DNA titer) increases, with or without associated elevations in alanine transaminase (ALT) or aspartate transaminase (AST), have been reported in patients with chronic hepatitis B virus (HBV) infection taking Janus Kinase (JAK) inhibitors, including OJJAARA. The effect of OJJAARA on viral replication in patients with chronic HBV infection is unknown. In patients with HBV infections, check hepatitis B serologies prior to starting OJJAARA. If HBsAg and/or anti-HBc antibody is positive, consider consultation with a hepatologist regarding monitoring for reactivation versus prophylactic hepatitis B therapy. Patients with chronic HBV infection who receive OJJAARA should have their chronic HBV infection treated and monitored according to clinical HBV guidelines.

**INDICATION<sup>1</sup>**

OJJAARA is indicated for the treatment of intermediate or high-risk myelofibrosis (MF), including primary MF or secondary MF [post-polycythemia vera (PV) and post-essential thrombocythemia (ET)], in adults with anemia.

**DOSAGE AND ADMINISTRATION<sup>1</sup>**

**Recommended dosage**

- The recommended dosage of OJJAARA is 200 mg orally once daily
- OJJAARA may be taken with or without food
- Swallow OJJAARA tablets whole. Do not cut, crush, or chew tablets
- If a dose of OJJAARA is missed, the next scheduled dose should be taken the following day

**Laboratory monitoring for safety**

Obtain the following blood tests prior to starting treatment with OJJAARA, periodically during treatment, and as clinically indicated:

- Complete blood count (CBC) with platelets [see Warnings and Precautions (5.2)]
- Hepatic panel [see Warnings and Precautions (5.3)]

**Dosage modification for hepatic impairment**

The recommended starting dosage in patients with severe hepatic impairment (Child-Pugh Class C) is 150 mg orally once daily [see Use in Specific

Populations (8.6)]. No dose adjustment is recommended for patients with mild or moderate hepatic impairment.

**Dosage modification for adverse reactions**

Manage hematologic and non-hematologic adverse reactions as described in the table below. Discontinue OJJAARA in patients unable to tolerate 100 mg once daily.

**Contraindications**

None.

**Warnings and precautions**

- Risk of Infections
- Thrombocytopenia and Neutropenia
- Hepatotoxicity
- Severe Cutaneous Adverse Reactions (SCARs)
- Major Adverse Cardiovascular Events (MACE)
- Thrombosis
- Malignancies

**ADVERSE REACTIONS<sup>1</sup>**

See section 6 of the OJJAARA Prescribing Information for full details.

**Thrombocytopenia**

Baseline platelet count	Platelet count	Dose modification*
≥100 × 10 <sup>9</sup> /L	20 × 10 <sup>9</sup> /L to <50 × 10 <sup>9</sup> /L	• Reduce daily dose by 50 mg from the last given dose
	<20 × 10 <sup>9</sup> /L	• Interrupt treatment until platelets recover to 50 × 10 <sup>9</sup> /L • Restart OJJAARA at a daily dose of 50 mg below the last given dose <sup>†</sup>
≥50 × 10 <sup>9</sup> /L to <100 × 10 <sup>9</sup> /L	<20 × 10 <sup>9</sup> /L	• Interrupt treatment until platelets recover to 50 × 10 <sup>9</sup> /L • Restart OJJAARA at a daily dose of 50 mg below the last given dose <sup>†</sup>
<50 × 10 <sup>9</sup> /L	<20 × 10 <sup>9</sup> /L	• Interrupt treatment until platelets recover to baseline • Restart OJJAARA at a daily dose of 50 mg below the last given dose <sup>†</sup>

**Neutropenia**

Absolute neutrophil count	Dose modification*
<0.5 × 10 <sup>9</sup> /L	• Interrupt treatment until ANC ≥0.75 × 10 <sup>9</sup> /L • Restart OJJAARA at a daily dose of 50 mg below the last given dose <sup>†</sup>

**Hepatotoxicity (unless other apparent causes)**

	Dose modification*
ALT and/or AST >5 × ULN (or >5 × baseline, if baseline is abnormal) and/or total bilirubin >2 × ULN (or >2 × baseline, if baseline is abnormal)	• Interrupt treatment until AST and ALT ≤2 × ULN or baseline <sup>‡</sup> and total bilirubin ≤1.5 × ULN or baseline <sup>§</sup> • Restart OJJAARA at a daily dose of 50 mg below the last given dose <sup>†</sup> • If reoccurrence of ALT or AST elevations >5 × ULN, permanently discontinue OJJAARA

**Other non-hematologic**

	Dose modification*
Grade 3 or higher <sup>  </sup>	• Interrupt treatment until the toxicity resolves to Grade 1 or lower (or baseline) • Restart OJJAARA at a daily dose of 50 mg below the last given dose <sup>†</sup>

\*Reinitiate or escalate treatment up to starting dosage as clinically appropriate.

<sup>†</sup>May reinitiate treatment at 100 mg if previously dosed at 100 mg.

<sup>‡</sup>If baseline >2 × upper limit of normal (ULN).

<sup>§</sup>If baseline >1.5 × ULN.

<sup>||</sup>Graded using the National Cancer Institute Common Terminology Criteria for Adverse Events.

## INSTRUCTIONS

An existing treatment plan may be used as the foundation for a new one. Consider modifying an existing plan as a starting template, while saving the original protocol.

There are 3 main steps to updating a treatment plan in the Epic EHR system.

**Step 1: Create or update the order groups.** As part of this step, multiple order groups related to OJJAARA may be created/updated. Order groups for OJJAARA and premedication and concomitant medications may be created, as well as for any other desired order groups (eg, treatment conditions, monitoring and hold parameters, Warnings and Precautions, supportive care, schedulable orders, HCP communications, hydration, and other sections as desired).

Review the organization’s governing rules and principles regarding the treatment plan and adjust the optimization appropriately.

**Step 2: Add links** for the Prescribing Information and other resources to the medication record.

**Step 3: Add the order groups** created in Step 1 to the new treatment plan.

### STEP 1: Create or update the order groups

1. Review the Regimen Category Order Group to confirm Medications, Premedications, Treatment Conditions, and Supportive Medications are values in the category list.
2. Select the Order Group Builder (**Admin>Beacon Admin>Order Group Builder**).
3. Create the new order groups (see detailed examples below).

#### Order Group 1: OJJAARA

1. Review the **Regimen Category Order Group** to confirm Medications is a value in the category list.
2. Select the Order Group Builder (**Admin>Beacon Admin>Order Group Builder**).
3. Create a new order group named “OJJAARA.”
4. Set the default category to **Medications**.

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HCP = healthcare provider.

## IMPORTANT SAFETY INFORMATION (cont’d)

### Thrombocytopenia and Neutropenia

- New or worsening thrombocytopenia, with platelet count less than  $50 \times 10^9/L$ , was observed in 20% of patients treated with OJJAARA. Eight percent of patients had baseline platelet counts less than  $50 \times 10^9/L$ .
- Severe neutropenia, absolute neutrophil count (ANC) less than  $0.5 \times 10^9/L$ , was observed in 2% of patients treated with OJJAARA.
- Assess complete blood counts (CBC), including platelet and neutrophil counts, before initiating treatment and periodically during treatment as clinically indicated. Interrupt dosing or reduce the dose for thrombocytopenia or neutropenia.

### Hepatotoxicity

- Two of the 993 patients with MF who received at least one dose of OJJAARA in clinical trials experienced reversible drug-induced liver injury. Overall, new or worsening elevations of ALT and AST (all grades) occurred in 23% and 24%, respectively, of patients treated with OJJAARA; Grade 3 and 4 transaminase elevations occurred in 1% and 0.5% of patients, respectively. New or worsening elevations of total bilirubin occurred in 16% of patients treated with OJJAARA. All total bilirubin elevations were Grades 1-2. The median time to onset of any grade transaminase elevation was 2 months, with 75% of cases occurring within 4 months.

## INSTRUCTIONS (cont'd)

5. Add the details for OJJAARA to the order group.
  - **Right click** in the empty field at the bottom of the window
  - Select **Add Orders>Choose OJJAARA**
  - Complete the medication details for OJJAARA. Details may include Sig, dose, route, frequency, offset time, admin over, and any free-form special admin instructions for the nurse
    - The recommended dosage of OJJAARA is 200 mg orally once daily
    - OJJAARA may be taken with or without food
    - Swallow OJJAARA tablets whole. Do not cut, crush, or chew tablets
    - If a dose of OJJAARA is missed, the next scheduled dose should be taken the following day
    - Dosage Modification for Hepatic Impairment: The recommended starting dosage in patients with severe hepatic impairment (Child-Pugh Class C) is 150 mg orally once daily [see Use in Specific Populations (8.6)]. No dose adjustment is recommended for patients with mild or moderate hepatic impairment
6. Once all the desired information is added, release the **Order Group** to the production environment after completing testing.

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## IMPORTANT SAFETY INFORMATION (cont'd)

### Hepatotoxicity (cont'd)

- Delay starting therapy in patients presenting with uncontrolled acute and chronic liver disease until apparent causes have been investigated and treated as clinically indicated. When initiating OJJAARA, refer to dosing in patients with hepatic impairment.
- Monitor liver tests at baseline, every month for 6 months during treatment, then periodically as clinically indicated. If increases in ALT, AST or bilirubin related to treatment are suspected, modify OJJAARA dosage based upon Table 1 within the Prescribing Information.

### Severe Cutaneous Adverse Reactions (SCARs)

- Severe cutaneous adverse reactions (SCARs), including toxic epidermal necrolysis (TEN), have been observed in some patients treated with OJJAARA.
- If signs or symptoms of SCARs occur, interrupt OJJAARA until the etiology of the reaction has been determined. Consider early consultation with a dermatologist for evaluation and management.
- If etiology is considered to be associated with OJJAARA, permanently discontinue OJJAARA and do not reintroduce OJJAARA in patients who have experienced SCARs or other life-threatening cutaneous reactions during treatment with OJJAARA.

### Major Adverse Cardiovascular Events (MACE)

- Another JAK inhibitor increased the risk of MACE, including cardiovascular death, myocardial infarction, and stroke [compared with those treated with tumor necrosis factor (TNF) blockers] in patients with rheumatoid arthritis, a condition for which OJJAARA is not indicated.
- Consider the benefits and risks for the individual patient prior to initiating or continuing therapy with OJJAARA, particularly in patients who are current or past smokers and patients with other cardiovascular risk factors. Inform patients receiving OJJAARA of the symptoms of serious cardiovascular events and the steps to take if they occur.

## INSTRUCTIONS (cont'd)

### STEP 1: Create or update the order groups (cont'd)

#### Order Group 2: OJJAARA lab monitoring for safety

1. Review the Regimen Category Order Group to confirm Labs is a value in the category list.
2. Select the Order Group Builder (**Admin>Beacon Admin>Order Group Builder**).
3. Create a new order group named “OJJAARA Lab Monitoring for Safety” or add it to an existing Lab Order Group.
4. Set the default category to Labs.
5. Add the details for OJJAARA Lab Monitoring for Safety to the order group.
  - Right click in the empty field at the bottom of the window
  - Select **Add Orders>Choose the desired labs**
  - Enter the desired OJJAARA Lab Monitoring for Safety details
  - Obtain the following blood tests prior to starting treatment with OJJAARA, periodically during treatment, and as clinically indicated:
    - Complete blood count (CBC) with platelets [see Warnings and Precautions (5.2)]
    - Hepatic panel [see Warnings and Precautions (5.3)]
6. Once all the desired information is added, release the Order Group to the production environment after completing testing.

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## IMPORTANT SAFETY INFORMATION (cont'd)

### Thrombosis

- Another JAK inhibitor increased the risk of thrombosis, including deep venous thrombosis, pulmonary embolism, and arterial thrombosis (compared with those treated with TNF blockers) in patients with rheumatoid arthritis, a condition for which OJJAARA is not indicated. Evaluate patients with symptoms of thrombosis and treat appropriately.

### Malignancies

- Another JAK inhibitor increased the risk of lymphoma and other malignancies excluding nonmelanoma skin cancer (NMSC) (compared with those treated with TNF blockers) in patients with rheumatoid arthritis, a condition for which OJJAARA is not indicated. Current or past smokers were at increased risk.
- Consider the benefits and risks for the individual patient prior to initiating or continuing therapy with OJJAARA, particularly in patients with a known malignancy (other than a successfully treated NMSC), patients who develop a malignancy, and patients who are current or past smokers.

### Symptom Exacerbation Following Interruption or Discontinuation of Treatment

- Following discontinuation of JAK inhibitors, including OJJAARA, signs and symptoms from myeloproliferative neoplasms may flare. Some patients with MF have experienced one or more of the following after discontinuing JAK inhibitors: fever, respiratory distress, hypotension, disseminated intravascular coagulation, or multi-organ failure.
- If one or more of these signs and symptoms occur after discontinuation of OJJAARA, evaluate for and treat any intercurrent illness and consider restarting OJJAARA. Instruct patients not to interrupt or discontinue therapy without consulting their healthcare provider. When discontinuing or interrupting therapy for reasons other than potentially life-threatening toxicities, consider tapering the dose of OJJAARA gradually rather than discontinuing abruptly.

## INSTRUCTIONS (cont'd)

### STEP 1: Create or update the order groups (cont'd)

#### Additional order groups

Add the other desired order groups for OJJAARA (eg, treatment conditions, monitoring and hold parameters, Warnings and Precautions, supportive care, schedulable orders, HCP communications, hydration, and other sections) as desired.

- There are dosage modifications for hepatic impairment. For **Dose Modifications**, see section 2.3 of the Prescribing Information
- There are dosage modifications for adverse reactions. For **Dose Modifications**, see section 2.4 of the Prescribing Information
- For **Warnings and Precautions**, see section 5 of the Prescribing Information.
  - Risk of infections (section 5.1 of the PI)
  - Thrombocytopenia and neutropenia (section 5.2 of the PI)
  - Hepatotoxicity (section 5.3 of the PI)
  - SCARs (section 5.4 of the PI)
  - MACE (section 5.5 of the PI)
  - Thrombosis (section 5.6 of the PI)
  - Malignancies (section 5.7 of the PI)
- For **adverse reactions**, see section 6 of the Prescribing Information

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## IMPORTANT SAFETY INFORMATION (cont'd)

### Adverse Reactions

- The most common adverse reactions ( $\geq 20\%$  in either study) are thrombocytopenia, hemorrhage, bacterial infection, fatigue, dizziness, diarrhea, and nausea.

### Organic Anion Transporting Polypeptide (OATP)1B1/B3 Inhibitors

- Momelotinib is an OATP1B1/B3 substrate. Concomitant use with an OATP1B1/B3 inhibitor increases momelotinib maximal concentrations ( $C_{max}$ ) and area under the concentration-time curve (AUC), which may increase the risk of adverse reactions with OJJAARA. Monitor patients concomitantly receiving an OATP1B1/B3 inhibitor for adverse reactions and consider OJJAARA dose modifications.

### Breast Cancer Resistance Protein (BCRP) Substrates

- Momelotinib is a BCRP inhibitor. OJJAARA may increase exposure of BCRP substrates, which may increase the risk of BCRP substrate adverse reactions. When administered concomitantly with OJJAARA, initiate rosuvastatin (BCRP substrate) at 5 mg and do not increase to more than 10 mg once daily. Dose adjustment of other BCRP substrates may also be needed. Follow approved product information recommendations for other BCRP substrates.

## INSTRUCTIONS (cont'd)

### STEP 2: Add links for the Prescribing Information and other resources

1. Log in to the **Medication Master File** (ERx) with authorized user credentials.
2. Use the search feature in the **Medication Master File** to search for and select OJJAARA.
3. Select the Patient Medication References screen and create 3 new rows
  - i. **Row 1:** For **Display Name**, enter “OJJAARA Prescribing Information.”  
In the **Text** field, enter “See URL for additional OJJAARA Prescribing Information.” In the **URL** field, enter this hyperlink: [https://gskpro.com/content/dam/global/hcpportal/en\\_US/Prescribing\\_Information/Ojjaara/pdf/OJJAARA-PI-PIL.PDF](https://gskpro.com/content/dam/global/hcpportal/en_US/Prescribing_Information/Ojjaara/pdf/OJJAARA-PI-PIL.PDF)
  - ii. **Row 2:** For **Display Name**, enter “Additional OJJAARA resources for HCPs and patients.”  
In the **Text** field, enter “See URL for additional OJJAARA Prescribing Information.” In the **Text** field, enter “See URL for additional resources for HCPs and patients.”  
In the **URL** field, enter this hyperlink: <https://ojjaarahcp.com> and navigate to the **Resources and Support** section.
  - iii. **Row 3:** For **Display Name**, enter “Clinical Study Reference for OJJAARA.”  
In the **Text** field, enter this hyperlink: <https://ojjaarahcp.com> and navigate to the **Head-to-Head Clinical Trials** section or see section 14, Clinical Trials, of the OJJAARA Prescribing Information.
4. **Save** the medication record.
5. **Release** the record to the production environment after completing testing.

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## IMPORTANT SAFETY INFORMATION (cont'd)

### Pregnancy

- Available data in pregnant women are insufficient. OJJAARA should only be used during pregnancy if the expected benefits to the mother outweigh the potential risks to the fetus.

### Lactation

- It is not known whether OJJAARA is excreted in human milk. Because of the potential for serious adverse reactions in a breastfed child, patients should not breastfeed during treatment with OJJAARA, and for at least 1 week after the last dose of OJJAARA.

### Females and Males of Reproductive Potential

- Advise females of reproductive potential who are not pregnant to use highly effective contraception during therapy and for at least 1 week after the last dose of OJJAARA.

## INSTRUCTIONS (cont'd)

### STEP 3: Add the order groups created in Step 1 to the new treatment plan

1. Click the **Epic logo>Admin>Beacon Admin>Protocol Builder**.
2. Search for treatment plans using the search query and entering search terms specific to each indication.
3. In the **Treatment Regimen Calendar**, add OJJAARA to the calendar (once daily with or without food). Set the Treatment Location as desired.
4. Add all the newly created order groups from Step 1 to the treatment regimen (order groups with OJJAARA, OJJAARA Lab Monitoring for Safety, and additional order groups) to the Treatment Calendar and protocol.
5. In the **Calendar**, update OJJAARA (the recommended dosage of OJJAARA is 200 mg orally once daily with or without food. For patients with severe hepatic impairment (Child-Pugh Class C), reduce the starting dose to 150 mg orally once daily.
6. Update the treatment plan name to “OJJAARA for Myelofibrosis with anemia (primary and secondary MF)” or another name to align with internal naming conventions.
7. Update the treatment plan description to “OJJAARA for the treatment of intermediate or high-risk myelofibrosis (MF), including primary MF or secondary MF [post-polycythemia vera (PV) and post-essential thrombocythemia (ET)], in adults with anemia” or another description to align with internal naming conventions.
8. Update the Synonyms for the treatment plan. Consider adding regimen acronyms, generic names, tumor type, location, and other values (OJJAARA, myelofibrosis, primary MF, secondary MF, post-polycythemia vera [PV], post-essential thrombocythemia [ET], myelofibrosis with anemia, anemia, etc.).
9. Update the Clinical Study Reference for OJJAARA (consider a link to section 14, Clinical Studies, of the PI).
10. Click **Save**.
11. Release the treatment plan to the production environment after completing testing. Consider sending a communication to relevant users announcing that the new treatment plan with OJJAARA is now available.

## IMPORTANT SAFETY INFORMATION (cont'd)

### Hepatic Impairment

- Momelotinib exposure increased with severe hepatic impairment (Child-Pugh C). The recommended starting dose of OJJAARA in patients with severe hepatic impairment (Child-Pugh C) is 150 mg orally once daily. No dose modification is recommended for patients with mild hepatic impairment (Child-Pugh A) or moderate hepatic impairment (Child-Pugh B).

## 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 change its software, or the configuration of its EHR system, after such time as the implementation instructions have been initially provided by GSK.
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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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**References:** **1.** OJJAARA (momelotinib). Prescribing Information. GSK; 2026. **2.** 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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