

Instructions for activating Urine Tests for acute hepatic porphyria (AHP) in the eClinicalWorks® Electronic Health Record (EHR) System

Information provided in this guide is current as of May 2022.

Overview and Limitations

Urine tests for aminolevulinic acid (ALA), porphobilinogen (PBG), and porphyrins are common methods used to help inform a diagnosis of acute hepatic porphyria (AHP). Alnylam has identified the need to develop an educational user guide with step-by-step instructions for accessing and activating these urine tests in the eClinicalWorks EHR system.

The instructions include information on how to:

1. Set up an order panel in the EHR that includes these 3 urine tests for diagnosing AHP (an “AHP panel”)
2. Set up a clinical decision support alert to inform end users, while searching for acute hepatic porphyria tests, that all 3 urine tests are available as an “AHP panel”

This order panel and clinical decision support information have been developed taking into account current clinical standards. Users of this educational guide have no obligation to recommend, purchase, order, prescribe, promote, administer, use, or support any Alnylam product.

These instructions are specific to AHP and the eClinicalWorks EHR system and are not appropriate for other conditions, therapeutic areas, and EHR systems. The coding information provided in these guides is gathered from various resources, is general in nature, is subject to change without notice, and is not intended to provide legal advice of any kind.

The processes outlined may vary depending on the set-up of the organization’s EHR system, and not all steps or settings 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 about the instructions or use of the EHR system should be directed to the appropriate service provider. The organization is solely responsible for implementing, testing, monitoring, and ongoing operation of any EHR tools.

CPT Suggested codes for testing for AHP

For those patients where a healthcare provider has a clinical suspicion of AHP, there are 3 random (spot) urine tests available that may help inform a diagnosis:

ALA	CPT Code 82135
PBG	CPT Code 84110
Porphyrins	CPT Code 84120

These tests are not exclusive, and other tests may be useful to help inform an AHP diagnosis.

This information is provided for educational purposes only and is not intended to replace the independent medical judgment of any healthcare professional. Ultimately, clinical and operational leadership determine the contents of order panels and clinical decision alerts. Once any order panels and alerts have been created, the organization should ensure that all end users have been trained on appropriate use of the order panels and clinical decision alerts. In most instances, end users will have already been trained on this process, thereby reducing the need for additional training.



Instructions

Order Panel:

Creating a new Order Set or updating an existing one may require appropriate user rights.

1. Navigate to the top of the EMR menu and click on Order Set Administration
2. In the Search for Order Sets field on the top of the window, check for existing Order Sets specific to AHP. Click Update to modify an existing Order Set or click New to create a new one
3. Enter a short description in the Order Set Description field, for example "AHP Panel." Leave the Order Set Measure field blank. Set the Quick Order Set button to Yes and click OK
4. A Diagnoses Trigger and Link may be set up but are optional (and only require to be completed if the Order Set needs to be linked to a Diagnoses - ICD-10 code)
5. Select the Labs field and click Browse
6. To add a product, set the radio button on the top of the new window to All and enter ALA in the Lookup field (CPT Code 82135). Select ALA
7. Repeat for PBG and Porphyrins (PBG – CPT Code 84110 and Porphyrins – CPT Code 84120). Click OK once completed
8. Save the completed "AHP Panel" Order Set

Clinical Decision Alert

eClinicalWorks' registry alerts are a Clinical Decision Support solution that can be created and/or customized to align with the health system's clinical preferences and workflow.

1. Select Registry from the Registry band in the left navigation panel
2. Select the Labs/DI/Procedures tab
3. Select Labs and enter "ALA" in the search field. Uncheck the yellow star icon to look for all labs. Set the desired Result Date Range
4. Click the Run New button
5. Select Labs and enter "PBG" in the search field. Uncheck the yellow star icon to look for all labs. Set the desired Result Date Range
6. Click the Run Subset button
7. Select Labs and enter "Porphyrins" in the search field. Uncheck the yellow star icon to look for all labs. Set the desired Result Date Range
8. Click the Run Subset button
9. Click Save Query and click Yes on the confirmation message
10. Complete the Save Registry Query Report window, enter "Consider ordering porphobilinogen (PBG), aminolevulinic acid (ALA) and porphyrins for acute hepatic porphyria" in the Name field and check the CDSS Enabled checkbox
11. Click OK
12. When a patient meets the criteria, the registry alert will display in the CDSS tab in the right-hand panel.

Terms and Conditions

By creating an Order Set and/or clinical decision alert as described above, the Customer agrees to the following:

- The Customer (e.g., the medical group, IDN, Organized Customer Group, and/or Health System) voluntarily and independently agreed to add the order set and/or clinical decision alert into its EHR platform.
- The Customer shall be solely responsible for implementation, testing, and monitoring of the instructions to ensure proper orientation in each Customer's EHR system. The Customer will make every effort to update the Order Set as appropriate (e.g. in accordance with any changes to applicable clinical guidelines) and in a timely manner.
- Capabilities, functionality, and setup (customization) for each individual EHR system vary. Alnylam shall not be responsible for revising the implementation instructions it provides to any Customer, in the event that the Customer modifies or changes its software, or the configuration of its EHR system, or the EHR platform is modified, after such time as the implementation instructions have been initially provided by Alnylam.
- While Alnylam tests its implementation instructions on multiple EHR systems, the instructions are not guaranteed to work for all available EHR systems, and Alnylam shall have no liability with respect to integration and function.
- While EHRs may assist providers in identifying appropriate patients for consideration of assessment and treatment, the decision and action to test and treat a patient should ultimately be decided by a provider in consultation with the patient, after a review of the patient's records to determine eligibility, and Alnylam shall have no liability in that regard.
- Coverage and reimbursement may vary by payer, plan, patient, and setting of care. It is the sole responsibility of the health care provider to select the proper codes, and ensure the accuracy of all statements used in seeking coverage and reimbursement. Providers should contact third-party payers for specific information on their coding, coverage, and payment policies. Alnylam does not guarantee payment or coverage for any product or service.
- The instructions have not been designed to and are not tools and/or solutions for meeting Meaningful Use, Advancing Care Information, MACRA/MIPS Quality Measures, and/or any other quality/ accreditation requirement.
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