

All Providers & Clinicians

Epic Beaker Implementation

Upgrade to New Laboratory
Information System



EPIC SYSTEM UPDATE

Overview of Feature / Changes

Effective June 21, 2025: SUNY Upstate will go live with **Beaker**. This is Epic's clinical laboratory information system (LIS) designed to streamline laboratory workflows, manage patient records, and facilitate communication between lab staff and healthcare providers. Benefits to this integration include improved efficiency, enhanced accuracy, better communication, and data-driven decision making.

Providers will see slight changes in the **orders** with new options for specimen ordering and collections workflows. We encourage you to review your specific workflow education using the links on page 2.

Orders: Specimen Type & Source

Orders are updated to require a **Specimen Type** & **Specimen Source** for labs, cultures, urine, etc. Quick buttons can be used to select commonly used options. Additional options can be found using the search field (magnifying glass).

- **Type:** The *physical classification* of the material being collected; abscess, body fluid, bone, swab, tissue, etc.
- **Source:** *Location of the body* where the specimen was taken. Blood and urine have special sources that are more descriptive of the type of blood/urine collected.

The top screenshot shows the 'Magnesium Level' order form. It includes fields for 'Process Instructions' (Tier 1), 'Frequency' (ONCE), 'At' (5/27/2025), and 'Reference Links' (Tiered Categorization, Magnesium and Phosphorus Testing). The 'Specimen Type' is set to 'Blood' and 'Specimen Source' is set to 'Blood, Venous'. A red box highlights the 'Specimen Type' and 'Specimen Source' fields, and a red arrow points to the 'Blood, Venous' option in the dropdown menu.

The bottom screenshot shows the 'Wound culture' order form. It includes fields for 'Process Instructions' (Tier 1), 'Frequency' (ONCE), 'At' (5/27/2025), and 'Reference Links' (Tiered Categorization). The 'Specimen Type' and 'Specimen Source' fields are highlighted in red boxes. The 'Release to patient' field is set to 'Immediate' and 'Manual release only' is also visible. The 'Add-on' field shows 'No specimen type selected'.

Add-On Orders

For **Add-ons**, Beaker has a great **new feature**! If the **new order qualifies to be used on a previously collected specimen, the system will suggest an Add-on**. When ordering a lab as an Add-On, a new order question, **“Add to specimen collected (time of previous collection)?”** will automatically display in the Manage Orders sidebar highlighted in yellow. The provider can choose to **Use Existing Specimen** in the order composer.

The screenshot shows the 'Manage Orders' window for a Sodium lab test. The 'Add-on' section at the bottom of the order form has two buttons: 'New Collection' and 'Use Existing Specimen'. A red dashed arrow points from the 'Use Existing Specimen' button to a yellow-highlighted message in the 'New Orders' sidebar: 'Add to specimen collected <1min ago?'. The sidebar also shows the order details: 'ONCE, today at 1023, For 1 occurrence' and 'Blood, Blood, Venous, Tier 1 (all credentialed providers), New collection'.

- When selecting Add-on- STAT cannot be used as a frequency.
- *The lab may not be able to complete the Add-on.* For Inpatient, the lab will process this as a new order and automatically update the Nurse Work List for collection. For Ambulatory and Procedural areas, the lab will call the office or the appropriate area.

Preference Lists - Important

With the Beaker Go Live, *replacements for source and type have automatically been made whenever possible, but some orders need new source and type selections to be made by you the first time they are used.* These can then be favorited again, and the new selections will be there for future orders.

- Click [IP Prov Add or Edit Preference List Orders](#) to access a tip sheet for guidance on editing or adding new Preference List Orders.

All Provider Updates

- Please click [Provider: Beaker Retiring & New AP Orders](#) click to review the specifics.
- Click [Results Review Changes RBC](#) to review changes due to Beaker Blood results & how they display in **Results Review**.

Department Specific Education

- [IP PROV: Beaker at a Glance](#) (Inpatient/L&D-Obstetrics)
- [ASAP \(Emergency Department\)](#)
- [Beacon \(Oncology\)](#)