



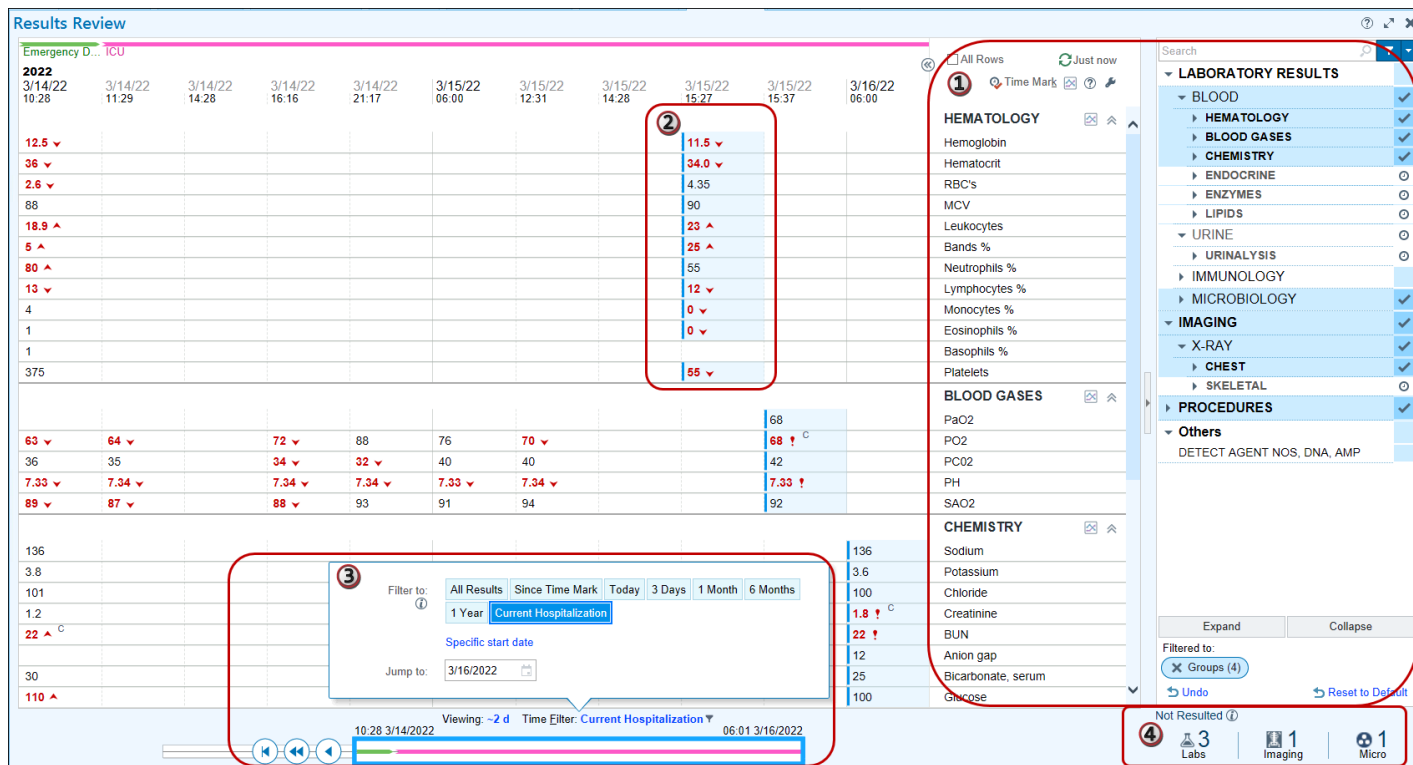
Epic Tip Sheet: All Clinical Applications Enterprise – Results Review Advanced

Summary

Results Review is your one-stop shop for catching up on patients' lab results, and it now has a clean, modern look that is consistent with other Epic activities. The activity is significantly updated to make it even easier to find the results you need and to learn more about those results without looking elsewhere in the chart. When you open the activity, the following updates are immediately apparent:

Step-by-Step – New Features

1. The tree and table row labels appear on the side of the screen where more recent results appear. If you view new results on the right and scroll left to see older results, the tree and row labels always appear on the right. This makes it easier to glance at the tree and row labels when you're reviewing recent data. Click  to change where new results appear.
2. New result highlighting makes catch-up quick. Results that are new since your last time mark now appear in highlighted cells. You can turn this feature off by clicking  and updating your user preferences.
3. A new navigation hub makes time travel seamless. Time-related tools are grouped in a centralized location at the bottom of the activity, so you can quickly navigate, change time filters, and jump to specific dates.
4. The Not Resulted panel saves trips to Chart Review. If you don't see the results from a recent order, you can hover over the Not Resulted panel to see whether the order has a status of Collected or In Process. Orders that aren't yet collected don't appear in the panel.




The screenshot displays the Epic Results Review interface for a patient in the Emergency Department, ICU. The interface is divided into several sections:

- Table:** A grid of lab results with columns for dates from 3/14/22 to 3/16/22. Values are color-coded (green for normal, red for low, blue for high). A red box labeled '2' highlights a cell with the value '11.5'.
- Navigation Hub (Bottom):** A panel containing time filters (All Results, Since Time Mark, Today, 3 Days, 1 Month, 6 Months), a 'Current Hospitalization' filter, a 'Specific start date' field, and a 'Jump to' date field set to 3/16/2022. A red box labeled '3' highlights this entire section.
- Time Filter (Bottom):** A horizontal bar showing the current time filter as 'Current Hospitalization' and a viewing window from 10:28 3/14/2022 to 06:01 3/16/2022. A red box labeled '4' highlights this bar.
- Right Panel:** A list of lab categories including Hematology, Blood Gases, Chemistry, Urine, Immunology, Imaging, X-Ray, Chest, and Skeletal. A red box labeled '1' highlights the top of this panel.

Epic Tip Sheet: All Clinical Applications Enterprise – Results Review Advanced

Step-by-Step – Get Caught Up

To get caught up on the newest available results for a patient, complete the following workflow –

1. Select components and procedures in the tree to change which results appear, or to use the default view.
 - Click a component or a procedure's name to show only that information, or select the checkboxes to add or remove multiple components and procedures from your view.
 - In this example, select checkboxes to show several categories and a few specific components from the Chem Profile category.
2. Click  to review the Most Recent column.
 - The collapsible Most Recent column shows the most recent results for all labs and procedures that occurred during a time filter, such as Current Hospitalization, so you can quickly compare a result's older value to its newest value.
 - Opening the column automatically selects **All Rows**, which you can select at any time to show a row for all results within the time filter.
3. Review highlighted new results. Results that are new since the last time mark appear highlighted, prompting you to review those first and letting you know where you left off.
4. Click **Time Mark** when you complete your review of the newest information in the grid. Clicking **Time Mark** removes the highlighting from new results.
5. Review the **Not Resulted** panel. If you recently placed an order for the patient but doesn't see the order in the grid, you can hover over or click the **Not Resulted** panel to see whether the order has a status of Collected or In Progress.



The screenshot displays the Epic Results Review interface. At the top, there's a patient header for 'Emergency D... ICU' with dates from 3/14/22 to 3/16/22. A grid of lab results is shown, with a 'Most Recent' column highlighted. On the right, a 'LABORATORY RESULTS' tree is visible, showing categories like BLOOD, CHEMISTRY, and IMAGING. A 'Time Mark' button is located above the grid. A 'Not Resulted' panel is open at the bottom right, showing details for a 'Sodium' test that is 'In Process (2)'. Numbered callouts 1-5 point to these specific features.

Epic Tip Sheet: All Clinical Applications Enterprise – Results Review Advanced

Step-by-Step – Review a Recent Procedure

When your caught up on the most current results, you can review results from earlier in the patient's stay. For example, you might complete the following workflow -

1. Click the scrubber's jump-to-oldest button to move to the beginning of the patient's hospitalization. You can also open the time filters hover bubble and go to a specific date.
2. Hover to discover more information about the patient's abnormal x-ray.
3. Click the procedure icon to open a full report for the procedure, or click the image link to see the procedure's scan.

The screenshot displays the Epic Results Review interface. At the top, it shows the patient's name 'Emergency D... ICU' and the year '2022'. Below this is a grid of lab results with columns for dates and times. A detailed view of a 'Portable AP Chest X-Ray' procedure is shown, including the result date (03/14/22 10:28), the lab name (WEST SIDE INTERNAL LAB), and the impression: 'Abnormal portable chest x-ray consistent with left lower lobe pneumonia with possible complicating para-pneumonic effusion or emphysema. Recommend CT chest to better delineate the fluid and to evaluate the presence of loculations.' The sidebar on the right lists various laboratory result categories such as BLOOD, URINE, IMAGING, and PROCEDURES. At the bottom, there is a scrubber with a time filter set to 'Current Hospitalization' and a viewing range from 10:28 on 3/14/2022 to 15:28 on 3/15/2022.


Zoom Out to See the Big Picture

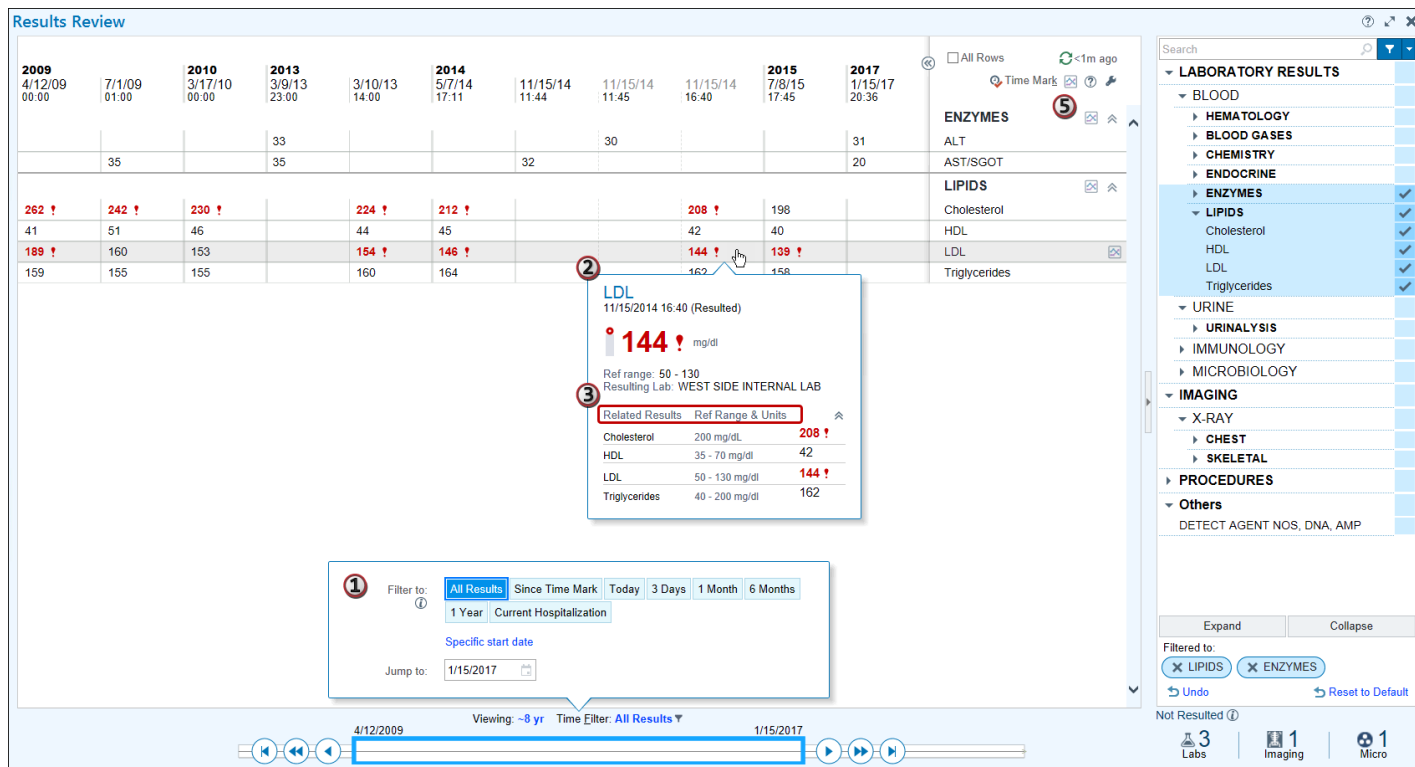
Step-by-Step – Review Historical Results in the Grid

After reviewing your patient's current hospitalization, you might complete the following workflows to review a longitudinal problem, such as cholesterol management, for the patient.

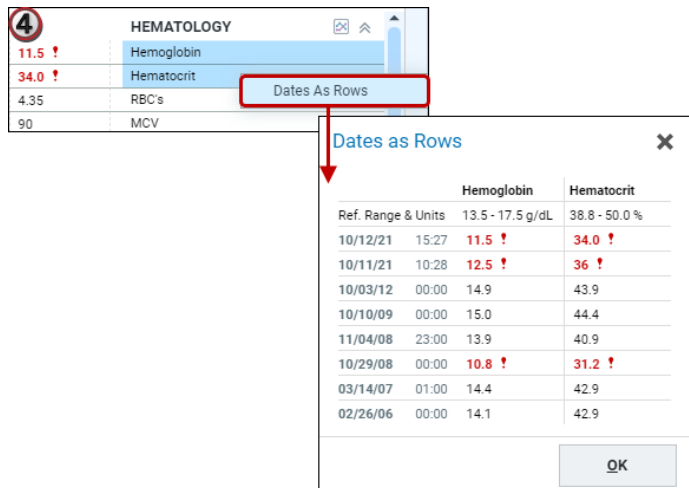
1. Hover over the time filters and click **All Results**.

Epic Tip Sheet: All Clinical Applications Enterprise – Results Review Advanced

- Find an old cholesterol result and hover to see more information, such as where it falls in its reference range.
- Expand or collapse the Related Results section. Depending on how the tree is organized, this section might show components that aren't in the same category as the current component.
- Click and drag to select a few results or entire row labels, right-click, and click **Dates as Rows** to open a separate window and focus on how they've trended over time.
- Click  in the Lipid Profile category to see the patient's cholesterol trends in a graph.



The screenshot shows the Epic Results Review interface. At the top, there's a table of results with columns for dates from 2009 to 2017. A detailed view of an LDL result is shown, including its value (144 mg/dl), reference range (50-130), and related results for Cholesterol, HDL, LDL, and Triglycerides. A filter panel is also visible, allowing users to filter results by date range and hospitalization status.



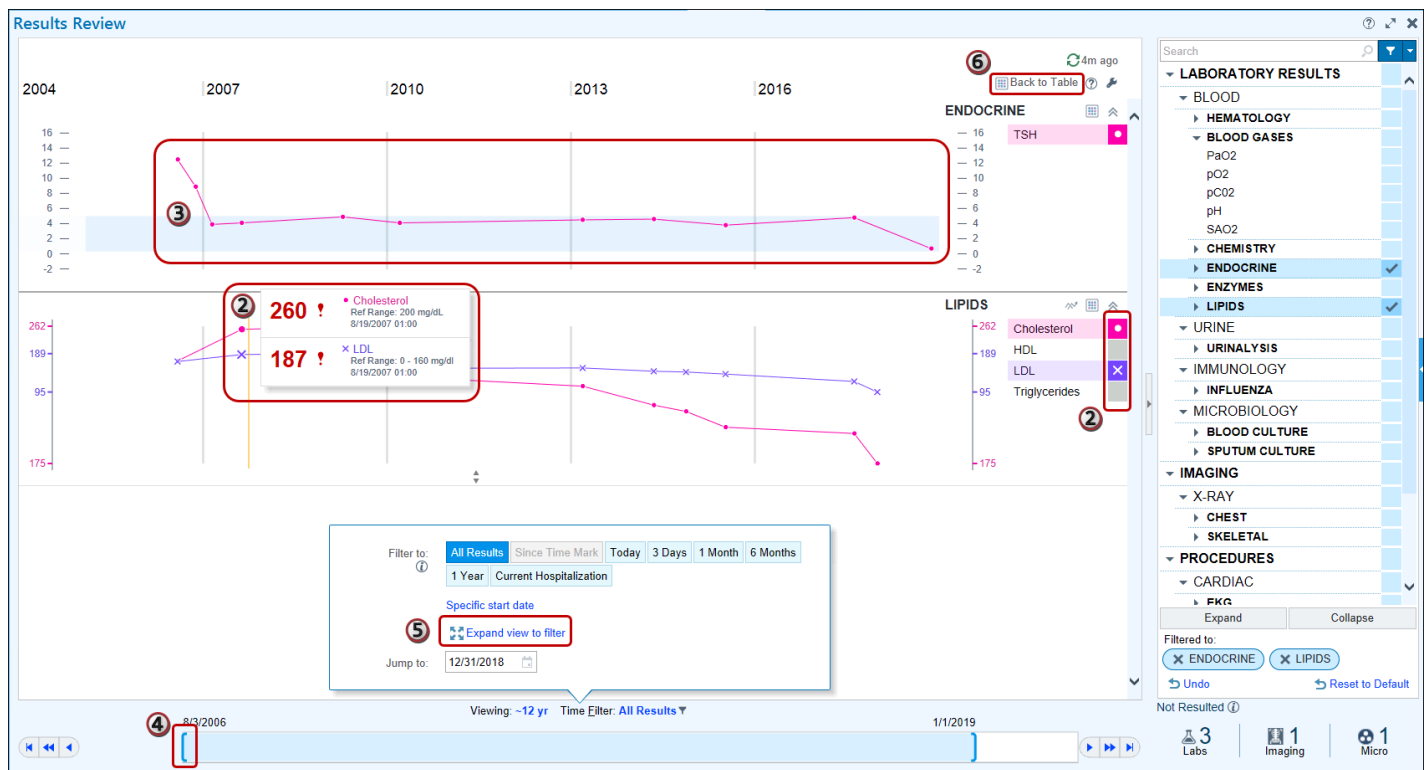
This screenshot shows the 'Dates as Rows' window for Hematology results. It displays a table with columns for Hemoglobin and Hematocrit, along with their reference ranges and units. The table lists results from 2006 to 2021, showing values and whether they are above or below the reference range.

	Hemoglobin	Hematocrit
Ref. Range & Units	13.5 - 17.5 g/dL	38.8 - 50.0 %
10/12/21 15:27	11.5 !	34.0 !
10/11/21 10:28	12.5 !	36 !
10/03/12 00:00	14.9	43.9
10/10/09 00:00	15.0	44.4
11/04/08 23:00	13.9	40.9
10/29/08 00:00	10.8 !	31.2 !
03/14/07 01:00	14.4	42.9
02/26/06 00:00	14.1	42.9

Epic Tip Sheet: All Clinical Applications Enterprise – Results Review Advanced

Step-by-Step – See Trends in the Graph

1. Select which components from the Lipid Profile to show in the graph.
2. Hover over a point in time to see the components' values and reference ranges from that time.
3. See visual reference ranges at a glance when viewing only one component in a graph.
4. Drag either end of the scrubber toward the center to zoom in on the current time filter. For example, instead of viewing all 12 years of the All Results filter, zoom in on the last 5 years.
5. Click **Expand view to filter** to zoom back out to the filter's broadest view, or select another filter to zoom in even more.
6. Click **Back to Table** to close the graph and return to Results Review's grid.



Epic Tip Sheet: All Clinical Applications Enterprise – Results Review Advanced

Step-by-Step – How Do I...?

In addition to these example workflows, the following table can quickly answer your questions about your most commonly used Results Review tools.

How Do I...	Answer
...determine which date range I see or hide data that became available prior to a certain date?	Hover over Time Filter , just above the scrubber, and set a time filter.
...scroll back in time?	To move fluidly through time, drag the scrubber or place your cursor over it and use your mouse's scroll wheel. To move by a fixed amount, click the arrow buttons and move by column, by page, or all the way to the oldest or newest data.
...see the most recent data for all results?	Expand the Most Recent column by clicking the chevron at the top of the screen next to your newest results.
...see results in Flowsheet view, or a vertical display of data?	Select rows in the legend or cells in the grid, right-click, and click Dates as Rows .
...Load All, or show empty rows if they have results outside your current screen?	Select All Rows or expand the Most Recent column. In this mode, rows will not disappear when scrolling through time even if they don't contain any results in your current time frame.

Date	Summary of Revisions	User
4/26/2022	Created tip sheet from Epic UserWeb content	S. Webb