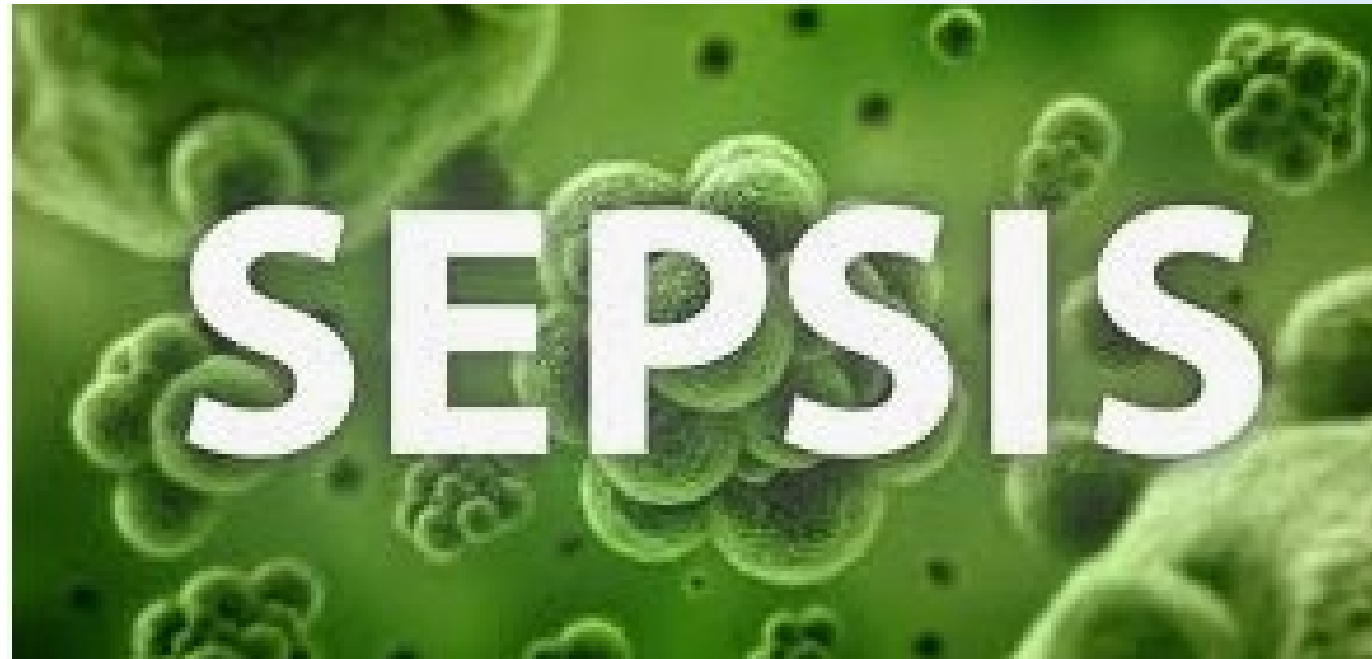


Enhanced Sepsis Narrator



Go Live: September 7, 2022

Learning Objective

- Introduction
- How to locate the Sepsis Narrator
- Documenting in the Sepsis Narrator Checklist
- Ending a Sepsis Episode

Sepsis Narrator Introduction

3 Hour Bundle

Obtain a STAT **Lactate** Level

Get **Blood Cultures** prior to antibiotics

Administer **Broad Spectrum Antibiotic**

IV crystalloid fluid bolus-30cc/kg for lactate ≥ 4 or hypotension

6 Hour Bundle

Repeat Lactate if initial was >2

Check **2 BP's within 1 hour** after fluids are completed

Apply **vasopressors** for persistent hypotension

Clinician **reassesses patient** and documents a '**Reassessment Note**' for Septic Shock

- Sepsis is a **medical emergency** and the leading cause of death in U.S. Hospitals.
- **Early recognition and early intervention** through a bundled care approach has been proven to save lives.
- The **sepsis narrator** is a tool within Epic that **guides** the healthcare team **in the delivery of excellent sepsis care** within timing specified in the bundles.
- **Use the narrator** to help ensure these 3 and 6-hour bundle elements are completed and **improve outcomes** for our patients with sepsis.

How to Find Within the Chart?

Select Sepsis from the available Activity Tabs

The screenshot shows the Sepsis activity tab selected in a medical charting system. The top navigation bar includes tabs for Chart Review, Results Review, Snapshot, Triage, Narrator, Trauma, Code, STEMI, Sedation, Stroke, Sepsis (highlighted with a red box), Dispo, MAR, Orders, NIH, Lab, and Avatar. Below the navigation bar, the Sepsis tab is active, showing a toolbar with Refresh, Data Validate, ED Narrator, Code, Trauma, Sedation, Stroke, STEMI, Lab Collection Manager, and Checklist. The main content area displays a 'QuickBar' with input fields for BP, Pulse, Temp, Resp, SpO2, and ETCO2. A warning message at the top states: 'Device data isn't always filed at the exact time a device collects the data. To see the exact time a device collected data, refer to the 'Device Time' field.'



Or from any of the Narrator toolbars:

The screenshot shows the Narrator toolbar, which includes a Refresh icon, Code, Trauma, Sedation, Stroke, STEMI, Sepsis (highlighted with a red box), and Checklist icons.

Initiating Code Sepsis

The RN should open the Sepsis Narrator when a Code Sepsis is initiated. That RN should document the Start of the Event by selecting Accept on Sepsis Documentation Start.

Sepsis Documentation Start

Time:  Date: 

Comments:

Opening the Checklist

Next the RN will select Checklist to open the Sepsis Checklist on the right side of the screen.

The screenshot shows a clinical software interface with the following components:

- Top Navigation:** Includes tabs for 'Event Log', 'Patient Summary', and 'Orders'. The 'Checklist' tab is highlighted and circled in red.
- Left Sidebar:** Contains navigation options like 'Expand All', 'Collapse All', and 'Not Scanned'. It also lists 'Favorites', 'One Step Meds-ED/ICU/RRT ONLY', 'MAR (12)', 'Staff', 'ED Alerts (1)', and 'Code Sepsis Documentation'.
- Quickbar:** A central area for quick data entry with fields for BP, Pulse, Temp, Weight, Height, Resp, SpO2, and ETCO2. It also includes 'Additional Rows' and 'Glasgow Coma Scale' sections.
- Main Checklist Form (Right):** A detailed form for tracking bundle elements and patient status. It includes:
 - Time taken:** 8/23/2022 0729.
 - Legend:** Green = Bundle element complete.
 - Sepsis 0-3 HR Bundle Elements:** Includes 'Initial Huddle' (Yes/No), 'Lactic Acid # 1 Drawn' (Refused/Delayed), and 'Blood Cultures Drawn' (Yes/Refused/Delayed).
 - Sepsis Fluid Bolus (Part of 3-Hr bundle):** Includes 'Initiated within 3 hours of severe sepsis...' (Yes/No/N/A), 'Sepsis Bolus Start Time', and 'Sepsis Bolus Stop Time'. A note states: '2 BP's required within one hour of bolus stop time. If one or both BP's are low, repeat BP. If patient remains hypotensive, notify provider.'
 - BP # 1, BP # 2, BP # 3:** Fields for blood pressure readings.
 - Vasopressor:** Section for 'Vasopressors Ordered' (N/A).
 - Sepsis 3 - 6 HR Bundle Elements:** Includes '3 Hr Re-Attended Sepsis Huddle' (Yes/No), 'Repeat Lactate (#2) drawn' (No/N/A), and 'Repeat Lactate (#3) drawn- Required if 2nd is higher than first' (N/A).
 - Sepsis reassessment note by provider:** (for patients with Septic shock) with Yes/No/N/A options.
- Bottom:** Includes 'Save', 'Save and Next', and 'Cancel' buttons.

Closing/Collapsing the Checklist

The Checklist will remain open in all activities on the sidebar until the end of the Code Sepsis documentation. Or, unless manually collapsed by using the blue arrow.

The screenshot shows a Sepsis Checklist interface. At the top, it displays 'Time taken: 8/23/2022 0735' and a '+ Add Group More' button. Below this is a green bar with the text 'Green = Bundle element complete' and a 'Link to Sepsis Report' button. The checklist is organized into sections:

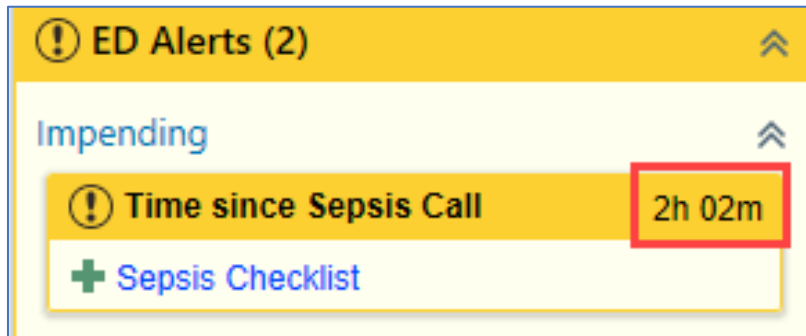
- Sepsis 0-3 HR Bundle Elements**
 - Initial Huddle: Yes: (Add Staff Who Attended Sepsis Huddle) [No]
 - Lactic Acid # 1 Drawn: [Refused] [Delayed]
 - Blood Cultures Drawn: [Yes] [Refused] [Delayed]
 - Antibiotic given: []
- Sepsis Fluid Bolus (Part of 3-Hr bundle)**
 - Initiated within 3 hours of severe sepsis if hypotensive or, lactate 4 or higher: [Yes] [No] [N/A]
 - Sepsis Bolus Start Time: []
 - Sepsis Bolus Stop Time: []
 - 2 BP's required within one hour of bolus stop time. If one or both BP's are low, repeat BP. If patient remains hypotensive, notify provider.
 - BP # 1 [] BP # 2 [] BP # 3 []
- Is patient hypotensive (SBP<90 or MAP<65)? [Yes] [No]
- Vasopressor: Required if patient remains hypotensive despite IVF bolus**
 - Vasopressors Ordered: [] [N/A]
- Sepsis 3 - 6 HR Bundle Elements**
 - 3 Hr Re-Huddle: Yes: (Add Staff Who Attended Sepsis Huddle) [No]
 - Repeat Lactate (#2) drawn: [No] [N/A]
 - Repeat Lactate (#3) drawn- Required if 2nd is higher than first: [] [N/A]
 - Sepsis reassessment note by provider (for patients with Septic shock): [Yes] [No] [N/A]

At the bottom right, there are three buttons: 'Save', 'Save and New', and 'Cancel'. A blue arrow on the left side of the form points to a small blue arrow icon on the left edge of the checklist area, which is used to collapse the checklist.

Time Since Sepsis Call

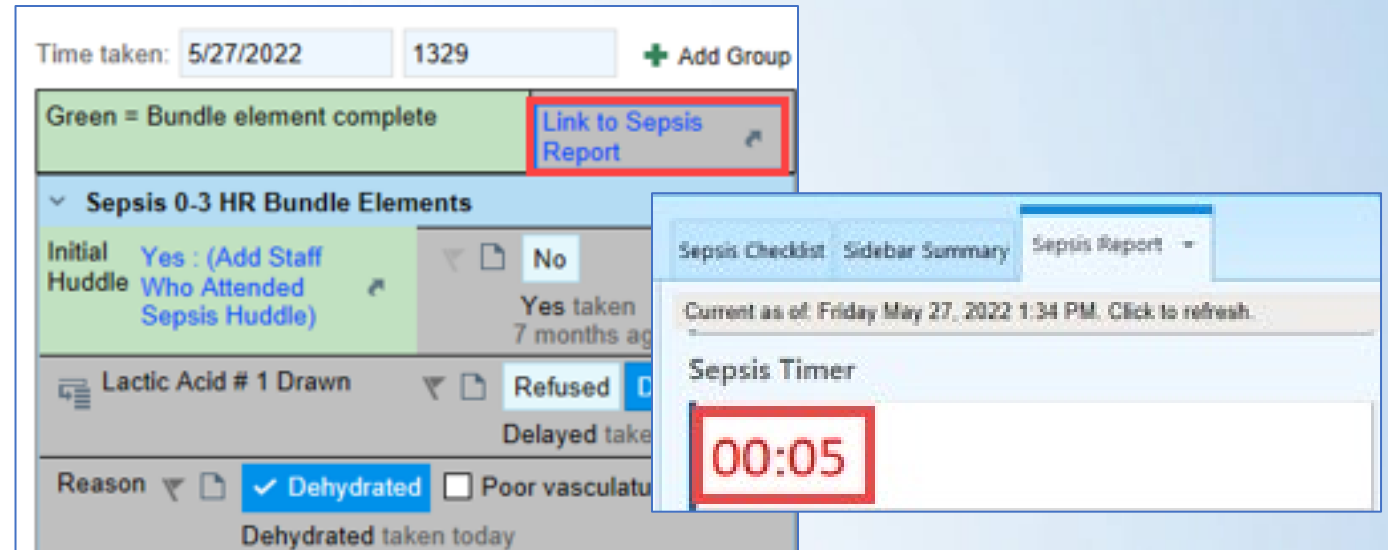
Timers have been created to easily note the time that has passed since the Code Sepsis was called.

ED Alerts:



A screenshot of the ED Alerts interface. At the top, there is a yellow header with a warning icon and the text 'ED Alerts (2)'. Below this, the word 'Impending' is displayed. A yellow alert card contains a warning icon, the text 'Time since Sepsis Call', and a red-bordered box containing the timer '2h 02m'. Below the alert card is a blue button with a plus sign and the text 'Sepsis Checklist'.

Within the Sepsis Report (select the hyperlink within the Sepsis Checklist to easily navigate):



A screenshot of the Sepsis Report interface. At the top, it shows 'Time taken: 5/27/2022 1329' and a '+ Add Group' button. Below this is a green bar with the text 'Green = Bundle element complete' and a red-bordered box containing a blue hyperlink 'Link to Sepsis Report'. The main content area is titled 'Sepsis 0-3 HR Bundle Elements' and includes sections for 'Initial Huddle' (with 'Yes' selected), 'Lactic Acid # 1 Drawn' (with 'Refused' selected), and 'Reason' (with 'Dehydrated' selected). A 'Sepsis Timer' window is overlaid on the right, showing a red-bordered box with the timer '00:05'. The timer window also displays 'Current as of: Friday May 27, 2022 1:34 PM. Click to refresh.'

Documenting Staff Involved

When a Code Sepsis is initiated, the RN should document team members that are present. In initial huddle click Yes (Add Staff Who Attended Huddle) hyperlink and in the pop-up window select the staff members that attended the Code Sepsis Huddle.

Time taken: 8/23/2022 0735 + Add Group More ▾

Green = Bundle element complete [Link to Sepsis Report](#)

▼ Sepsis 0-3 HR Bundle Elements

Initial Huddle: [Yes : \(Add Staff Who Attended Sepsis Huddle\)](#) No

Lactic Acid # 1 Drawn Refused Delayed

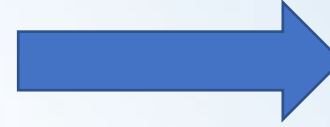
Blood Cultures Drawn Yes Refused Delayed

Antibiotic given

▼ Sepsis Fluid Bolus (Part of 3-Hr bundle)

Viewing the Checklist

Within the Checklist, items required are separated into their time bundles (0-3 HR, 3-6 HR). The RN will work together with the Provider to complete the required documentation items.



Green = Bundle element complete		Link to Sepsis Report
▼ Sepsis 0-3 HR Bundle Elements		
Initial Huddle	Yes : (Add Staff Who Attended Sepsis Huddle)	No
Lactic Acid # 1 Drawn		Refused Delayed
Blood Cultures Drawn		Yes Refused Delayed
Antibiotic given		
▼ Sepsis Fluid Bolus (Part of 3-Hr bundle)		
Initiated within 3 hours of severe sepsis if hypotensive or, lactate 4 or higher		Yes No N/A
Sepsis Bolus Start Time		
Sepsis Bolus Stop Time		
2 BP's required within one hour of bolus stop time. If one or both BP's are low, repeat BP. If patient remains hypotensive, notify provider.		
BP # 1	BP # 2	BP # 3
Is patient hypotensive (SBP<90 or MAP<65)?		Yes No
▼ Vasopressor: Required if patient remains hypotensive despite IVF bolus		
Vasopressors Ordered		N/A
▼ Sepsis 3 - 6 HR Bundle Elements		
3 Hr Re-Huddle	Yes : (Add Staff Who Attended Sepsis Huddle)	No
Repeat Lactate (#2) drawn		No N/A
Repeat Lactate (#3) drawn- Required if 2nd is higher than first		N/A
Save Save and New Cancel		

Completing the Checklist

When labs, such as lactate and blood cultures are collected from the Narrator, select Save and New on the Sepsis Checklist and those rows will turn green, indicating this task has been completed.

Note: If a patient's first lactate is > 2 , a repeat lactate is required, a red alert will notify the team.

Repeat Lactate (#2) drawn	<input type="checkbox"/>	No	Lactate # 1 is > 2 , Repeat Required
	<input type="checkbox"/>	N/A	

Time taken: 8/23/2022 0758 + Add Group More

Green = Bundle element complete [Link to Sepsis Report](#)

Sepsis 0-3 HR Bundle Elements

Initial Huddle Yes: (Add Staff Who Attended Sepsis Huddle) No

Lactic Acid # 1 Drawn Refused Delayed

Blood Cultures Drawn Yes Refused Delayed

Antibiotic given

Sepsis Fluid Bolus (Part of 3-Hr bundle)

Initiated within 3 hours of severe sepsis if hypotensive or, lactate 4 or higher Yes No N/A

Sepsis Bolus Start Time

Sepsis Bolus Stop Time

2 BP's required within one hour of bolus stop time. If one or both BP's are low, repeat BP. If patient remains hypotensive, notify provider.

BP # 1 BP # 2 BP # 3

Is patient hypotensive (SBP<90 or MAP<65)? Yes No

Vasopressor: Required if patient remains hypotensive despite IVF bolus

Vasopressors Ordered N/A

Sepsis 3 - 6 HR Bundle Elements

3 Hr Re-Huddle Yes: (Add Staff Who Attended Sepsis Huddle) No

Repeat Lactate (#2) drawn No N/A

Repeat Lactate (#3) drawn- Required if 2nd is higher than first N/A

Sepsis reassessment note by provider (for patients with Septic shock) Yes No N/A

Save Save and New Cancel

Completing the Checklist

When the antibiotics and/or sepsis fluid bolus are administered from the MAR, click Save and New in the Sepsis Checklist to turn the task green indicating this task has been completed.

Reminder: The Sepsis fluid bolus is dependent on the use of the 30cc/kg fluid bolus order located on the Sepsis QuickList, if the order is not utilized, the nurse may manually insert the time the IVF was started and stopped.

The screenshot displays a Sepsis Checklist interface. At the top, it shows the date and time: 8/23/2022 0827. A green bar at the top indicates 'Green = Bundle element complete' with a 'Link to Sepsis Report' button. The checklist is organized into sections:

- Sepsis 0-3 HR Bundle Elements:**
 - Initial Huddle: Yes (Add Staff Who Attended Sepsis Huddle) / No
 - Lactic Acid # 1 Drawn: Refused / Delayed
 - Blood Cultures Drawn: Yes / Refused / Delayed
 - Antibiotic given: []
- Sepsis Fluid Bolus (Part of 3-Hr bundle):**
 - Initiated within 3 hours of severe sepsis if hypotensive or lactate 4 or higher: Yes / No / N/A
 - Sepsis Bolus Start Time: []
 - Sepsis Bolus Stop Time: []
 - 2 BP's required within one hour of bolus stop time. If one or both BP's are low, repeat BP. If patient remains hypotensive, notify provider.
 - BP # 1, BP # 2, BP # 3: []
 - Is patient hypotensive (SBP<90 or MAP<65)? Yes / No
- Vasopressor: Required if patient remains hypotensive despite IVF bolus:**
 - Vasopressors Ordered: N/A
- Sepsis 3 - 6 HR Bundle Elements:**
 - 3 Hr Re-Huddle: Yes (Add Staff Who Attended Sepsis Huddle) / No
 - Repeat Lactate (#2) drawn: No / N/A (Note: Lactate # 1 is > 2, Repeat Required)
 - Repeat Lactate (#3) drawn - Required if 2nd is higher than first: N/A
 - Sepsis reassessment note by provider (for patients with Septic shock): Yes / No / N/A

At the bottom, there are three buttons: 'Save', 'Save and New', and 'Cancel'.

Completing the Checklist

Two blood pressures are required within an hour of the bolus stop time. Add these BP's from either the ED Alert:

The screenshot shows a mobile application interface for ED Alerts. At the top, there is a yellow header with a warning icon and the text "ED Alerts (2)". Below this, there are two sections: "Impending" and "Active". The "Impending" section contains a yellow alert box with a warning icon, the text "Time since Sepsis Call" followed by "1h 12m", and a blue plus icon followed by the text "Sepsis Checklist". The "Active" section contains a grey alert box with an information icon, the text "BP # 1" followed by "00m", and a blue plus icon followed by the text "BP # 1". The "BP # 1" text in the active alert is highlighted with a red box.

Or the hyperlink within the Sepsis Checklist:

The screenshot shows a light blue box containing instructions: "2 BP's required within one hour of bolus stop time. If one or both BP's are low, repeat BP. If patient remains hypotensive, notify provider." Below the instructions are three input fields for blood pressure. The first field is labeled "BP # 1" and has a red box around it. The second field is labeled "BP # 2" and the third is labeled "BP # 3". Each field has a small arrow icon to its right.

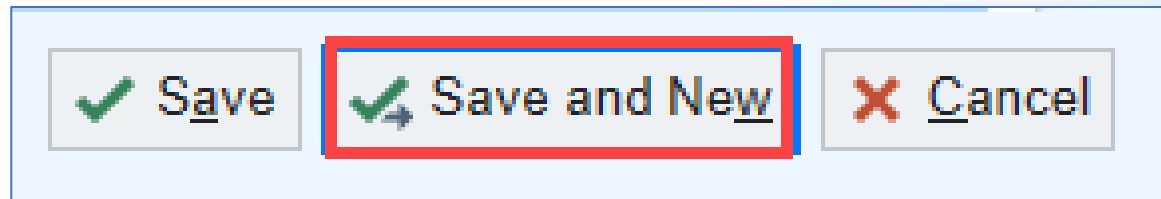
Completing the Checklist

If the patient is hypotensive a red alert will appear, repeat the BP, if the patient remains hypotensive, the patient may require a vasopressor, if the vasopressor is ordered the vasopressor row will automatically turn green.

Green = Bundle element complete	Link to Sepsis Report	
▼ Sepsis 0-3 HR Bundle Elements		
Initial Huddle	Yes : (Add Staff Who Attended Sepsis Huddle) <input type="checkbox"/> No	
Lactic Acid # 1 Drawn	<input type="checkbox"/> Refused <input type="checkbox"/> Delayed	
Blood Cultures Drawn	<input type="checkbox"/> Yes <input type="checkbox"/> Refused <input type="checkbox"/> Delayed	
Antibiotic given	<input type="checkbox"/>	
▼ Sepsis Fluid Bolus (Part of 3-Hr bundle)		
Initiated within 3 hours of severe sepsis if hypotensive or, lactate 4 or higher	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Sepsis Bolus Start Time	<input type="text"/>	
Sepsis Bolus Stop Time	<input type="text"/>	
2 BP's required within one hour of bolus stop time. If one or both BP's are low, repeat BP. If patient remains hypotensive, notify provider.		
BP # 1	BP # 2	BP # 3
Hypotensive		

Completing the Checklist

Don't Forget! When documenting the elements of the bundle the RN should click Save and New button to update the checklist



Completing the Checklist

If at anytime, the time field disappears, use the time convention and type “n” to enter the current time.

Time taken: 8/23/2022 📅 ⚠️ 🕒 + Add Group More ▾

Green = Bundle element complete Link to Sepsis Report ↗

▾ Sepsis 0-3 HR Bundle Elements

Initial Huddle Yes : (Add Staff Who Attended Sepsis Huddle) ↗ ▾ 📄 No

📄 Lactic Acid # 1 Drawn ▾ 📄 Refused Delayed

📄 Blood Cultures Drawn ▾ 📄 Yes Refused Delayed

Antibiotic given ▾ 📄

Completing the Checklist

Patients with septic shock require a sepsis reassessment note to be completed by the provider, when the Provider completes the note, the row will automatically turn green. There are options to manually complete this row, such as N/A for patients with sepsis/severe sepsis.

Sepsis reassessment note by provider (for patients with Septic shock)	▼	📄	Yes	No	N/A
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Sepsis Documentation End

When all “required” 3 and 6 hour bundle elements are completed, the Sepsis Narrator, should be ended. At the end of the checklist, select Sepsis Documentation End and Save and New.



The screenshot shows a digital checklist for Sepsis Documentation. The items and their status are as follows:

- Lactic Acid # 1 Draw: Yes taken 4 months ago
- Blood Cultures Drawn: Yes, Refused, Delayed, Yes taken today
- Antibiotic given: Yes taken 4 months ago
- Sepsis Fluid Bolus (Part of 3-Hr bundle):
 - Initiated within 3 hours of severe sepsis if hypotensive or, lactate 4 or higher: Yes taken today
 - Sepsis Bolus Start Time: 0751 taken today
 - Sepsis Bolus Stop Time: 0821 taken today
 - 2 BP's required within one hour of bolus stop time. If one or both BP's are low, repeat BP. If patient remains hypotensive, notify provider.
 - BP # 1, BP # 2, BP # 3
- Is patient hypotensive (SBP<90 or MAP<65)?: Yes, No
- Vasopressor: Required if patient remains hypotensive despite IVF bolus:
 - Vasopressors Ordered: N/A
- Sepsis 3 - 6 HR Bundle Elements:
 - 3 Hr Re-Huddle: Yes: (Add Staff Who Attended Sepsis Huddle), No
 - Repeat Lactate (#2) drawn: No, N/A
 - Repeat Lactate (#3) drawn- Required if 2nd is higher than first: N/A
 - Sepsis reassessment note by provider (for patients with Septic shock): Yes, No, N/A
- Sepsis Documentation End (selected)

Buttons at the bottom: Save, Save and New (highlighted), Cancel.

Sepsis Narrator Documentation Reminders

- Code Sepsis documentation travels with the patient. The next nurse or team can open the sepsis narrator and quickly see what has been done and what may still be required.
- Utilizing the Enhanced Sepsis Narrator checklist will help ensure that the care needed for patients with sepsis is delivered in the recommended timing that is critical to improving outcomes.
- The Enhanced Sepsis Narrator will go live on **Wednesday, September 7th**

Additional Resources

Epic Sepsis Narrator eLearning on Cornerstone:

Training results (1)



Epic Sepsis Narrator
Curriculum | HaBITTS | Total Price \$0.00
The **Sepsis Narrator** is a tool within Epic that guides the delivery of excellent sepsis

Tip Sheet: [Sepsis Narrator Enhancement Documentation - Emergency Department](#)

Any additional questions, please contact your Sepsis Educator