Sepsis Checklist - Providers

Impacted User: IP Providers

The sepsis checklist is a new interdisciplinary care coordination tool designed to guide providers and other clinicians through the first 18 hours of management of a patient in sepsis with acute organ dysfunction or septic shock. Intended goals of the sepsis checklist include:

1) Improving adherence to the 3 and 6-hour sepsis bundle
2) Improving adherence to the use of a problem list
3) Improving interdisciplinary team communication
4) Promoting seamless transitions of care
5) Improving patient outcomes related to sepsis

The sepsis checklist is designed to help meet CMS Core Measures:

<table>
<thead>
<tr>
<th>Required Action</th>
<th>3-Hour Bundle</th>
<th>6-Hour Bundle</th>
<th>3-Hour Bundle</th>
<th>6-Hour Bundle</th>
</tr>
</thead>
<tbody>
<tr>
<td>Blood Culture Collection</td>
<td>Yes</td>
<td>Must be completed within 3-hours of Sepsis or Septic Shock Presentation</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Initial Antibiotic Started</td>
<td>Yes</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Initial Lactate Collection</td>
<td>Yes</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Repeat Lactate if initial lactate is &gt;2.0</td>
<td>N/A</td>
<td>Yes</td>
<td>N/A</td>
<td>Yes</td>
</tr>
<tr>
<td>Crystalloid Fluids 30mL/kg bolus</td>
<td>Yes, if hypotensive</td>
<td>Additional IVF guided by hemodynamic assessments and repeat lactate</td>
<td>Yes</td>
<td>Additional IVF guided by hemodynamic assessments and repeat lactate</td>
</tr>
<tr>
<td>Vasopressors Started</td>
<td>N/A</td>
<td>N/A</td>
<td>Yes, begin vasopressors if hypotension persists after fluids</td>
<td></td>
</tr>
</tbody>
</table>

Key Attributes/Characteristics of the Checklist

1) **Initiation**
   a. Initiated by the **ED** based on:
      i. system evaluated sepsis criteria being met OR
      ii. ED sepsis order set being used
   b. The time of initiation is considered “**Time Zero**”

2) **Accessibility**
   a. Automatically displays in the sidebar for **18 hours** after Time Zero
      i. No requirements to use the tool
      ii. Will not disappear within the 18-hour timeframe – can always return to use it
iii. 18 hours after Time Zero – sepsis side bar print group will be available on demand

3) Functionality
a. Color-coded banners
   i. **Green** – item is completed
   ii. **Yellow** – within 3-hour window of completion
   iii. **Red** – task needs to be addressed now or > 3 hours from when the action was due
b. **Actionable** banners – click a banner to be taken to the appropriate activity to address the topic. Some key items include:
   i. **Sepsis Acknowledgment** – Confirm whether sepsis is suspected

![Sepsis Acknowledgment](image)

ii. **Problem List**
   1. If suspected – Confirm sepsis is on problem list, and document POA
   2. If not suspected – delete from Problem List

![Problem List](image)

iii. **Blood Cultures Not Ordered / Antibiotics Not Ordered** – easy access to the Quick List to utilize the Sepsis Order Set or individual orders via the check boxes.

![Quick List](image)
iv. **Repeat Lactate Not Resulted, Check**
   1. Will display if initial lactate >2
   2. Scroll down to “Lactate Orders” to ensure a repeat lactate order has been placed
   3. Banner will change from red to green after the repeat lactate has been resulted

v. **Fluid Resuscitation 30 mL/kg Not Met**
   1. Click to manually confirm – must manually confirm if the initial bolus order was not dosed for 30 mL/kg or if the ED sepsis bolus panel was not used

![Fluid Resuscitation Acknowledgement](image)

vi. **Shock Reassess Note Not Completed**
   1. For Septic Shock only – click to open the Notes activity. Use the **.SEPSISREASSESS** smartphrase to populate the note

4) **Information Review**
   a. The tool contains helpful information to review, including a link to the [2021 Penn Sepsis Recognition Tool](#) and other clinical data about the patient.

5) **Feedback?**
   a. Please provide feedback and suggestions on the tool by clicking the survey link at the bottom of the checklist