Sepsis Checklist – Nursing

Impacted User: IP Nurse

The sepsis checklist is a new interdisciplinary care coordination tool designed to guide providers and other clinicians through the **first 12 hours of management** of a patient in sepsis with 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>Severe Sepsis</th>
<th>Septic Shock</th>
</tr>
</thead>
<tbody>
<tr>
<td>Initial Lactate Collection</td>
<td>Yes</td>
<td>Severe Sepsis</td>
</tr>
<tr>
<td>Blood Culture Collection</td>
<td>Yes</td>
<td></td>
</tr>
<tr>
<td>Initial Antibiotic Started</td>
<td>Yes</td>
<td></td>
</tr>
<tr>
<td>Repeat Lactate Collection (if initial lactate is &gt; 2)</td>
<td>N/A</td>
<td>Yes</td>
</tr>
<tr>
<td>30 mL/kg Crystalloid Fluids Started</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Vasopressor Given (if hypotension persists)</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Repeat Volume Status Assessment</td>
<td>N/A</td>
<td>N/A</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 **12 hours** after Time Zero
      i. No requirements to use the tool
      ii. Will not disappear within the 12-hour timeframe – can always return to use it
      iii. 12 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. Also, the banner will inform the user at a glance the action to be taken (i.e. inform provider, open worklist, etc.) A banner of note is regards to the lactate:
      i. **Repeat Lactate Not Resulted, Check**
         1. Will display if initial lactate >2
         2. Click to open the Worklist, and draw within 2 hours
         3. Will change to green when the final result is received

4) **Information Review**
   a. The tool contains information to review, including a link to the [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