# Sepsis Checklist – Nursing & Pharmacy

**Impacted User: IP Nurses & IP Pharmacists**

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**:

### 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 sidebar print group will be available on demand

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<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>Yes</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>Yes</td>
</tr>
<tr>
<td>Vasopressor Given (if hypotension persists)</td>
<td>N/A</td>
<td>Yes</td>
</tr>
<tr>
<td>Repeat Volume Status Assessment</td>
<td>N/A</td>
<td>Yes</td>
</tr>
</tbody>
</table>

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**Penn Sepsis Recognition Tool**

- **Blood Cultures Not Ordered**: Inform provider
- **Initial Lactate Resulted**: 
- **Repeat Lactate Not Resulted, Check**: Worklist
- **Antibiotics Not Ordered**: Inform provider

**ED Sepsis Time Zero**

- **00:03 (Hours:Minutes)**
- Refresh to Update Timer

**Time of Time Zero**

- **Date/Time**: 10/14/20 17:04
- Event: ED Sepsis Time Zero
- User: EIPS, MIKA

**Lactate Results**

- **10/14/20 17:04 LACTATE 2.8**
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