Visual SmartBoard™ for Sepsis

Earlier detection for faster, more effective treatment

More than 1.5 million cases of sepsis occur in the United States each year with a mortality rate of up to 50 percent. Even with ideal treatment, the mortality rate from sepsis, or septic shock is around 40 percent.

Visual SmartBoard™ for Sepsis monitors real-time MEDITECH clinical data for patients at risk for sepsis. By capturing clinical data in real time, this application can help clinical teams detect early signs of sepsis, so they can begin assessment and treatment plans quickly.
Visual SmartBoard for Sepsis uses clinical workflows combined with algorithms to monitor a patient’s sepsis score. These algorithms allow the care team to monitor and alter the patient course of treatment when a track toward sepsis is identified.

To calculate the sepsis score range for your patients, Visual SmartBoard for Sepsis uses algorithms based on the Criteria put forth by CMS for each of the below conditions.

1. SIRS - Systemic Inflammatory Response Syndrome
2. Possible Sepsis
3. Severe Sepsis
4. Septic Shock

A septic patient meeting two or more of the conditions in Criteria 1, one or more of the conditions in Criteria 2, and one or more of the conditions in Criteria 3, would be considered Positive for Sepsis. Other combinations exist as well, and will result in a patient being Negative, Probable, Possible, or Positive for Sepsis.

**Visual SmartBoard Notification Engine**

Visual SmartBoard Notification Engine provides real-time notification to appropriate staff when hospital-defined criteria on a customized view are met. Notification methods include email, fax, print, text, and page so your team can take immediate action.

**Key Advantages Include:**

- Automatic notification alerts assigned to caregivers
- Monitor and analyze inpatient and ED patients
- Enhance caregiver performance and patient outcomes
- Timely notifications to clinicians involved with patient care
- Use of colors and sounds to alert users to important information
- Provides easy navigation to MEDITECH routines and web URLs
- Allows hospital to define custom criteria for each display
- Easily access clinical data from real-time surveillance boards
- Reduce sepsis by predicting patient risk

To learn more about **Visual SmartBoard for Sepsis** or other Iatric Systems products or services, please contact us using the information below.

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<table>
<thead>
<tr>
<th>Sepsis Patient</th>
<th>Criteria Name</th>
<th>Location</th>
<th>Name</th>
<th>Age</th>
<th>All Conditions</th>
<th>Any # of conditions</th>
<th>Systemic Inflammatory Response Syndrome</th>
<th>Possible Sepsis</th>
<th>Severe Sepsis</th>
<th>Septic Shock</th>
</tr>
</thead>
<tbody>
<tr>
<td>Negative</td>
<td>Test Patient</td>
<td>Inpatient</td>
<td>John Doe</td>
<td>50</td>
<td>15.1</td>
<td>0.95</td>
<td>110/94</td>
<td>278</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Negative</td>
<td>Test Patient</td>
<td>Inpatient</td>
<td>Jane Doe</td>
<td>60</td>
<td>15.1</td>
<td>0.95</td>
<td>110/94</td>
<td>278</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Positive</td>
<td>Test Patient</td>
<td>Inpatient</td>
<td>John Doe</td>
<td>50</td>
<td>15.1</td>
<td>0.95</td>
<td>110/94</td>
<td>278</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Positive</td>
<td>Test Patient</td>
<td>Inpatient</td>
<td>Jane Doe</td>
<td>60</td>
<td>15.1</td>
<td>0.95</td>
<td>110/94</td>
<td>278</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Probable</td>
<td>Test Patient</td>
<td>Inpatient</td>
<td>John Doe</td>
<td>50</td>
<td>15.1</td>
<td>0.95</td>
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