

## Sepsis Initiative Gap Analysis

\* 1. Facility:

\* 2. Contact Name:

\* 3. Contact Email:

\* 4. Do you have a sepsis screening tool/system?

- Yes  
 No

\* 5. Screening for sepsis, severe sepsis, and septic shock is performed at our hospital in the following departments:

	Yes	No
Emergency Department	<input type="radio"/>	<input type="radio"/>
Medical/Surgical Department	<input type="radio"/>	<input type="radio"/>
Intensive Care Unit	<input type="radio"/>	<input type="radio"/>
Other (explain in "other" comment field)	<input type="radio"/>	<input type="radio"/>

Other Departments (please specify)

\* 6. Screening Frequency:

	Yes	No
We screen every adult patient during triage in the Emergency Department	<input type="radio"/>	<input type="radio"/>
We screen every adult patient once a shift in the inpatient department	<input type="radio"/>	<input type="radio"/>

\* 7. Have an "Alert" mechanism to provide for prompt escalation and action from care providers with defined roles and responsibilities.

- Yes  
 No

\* 8. Have a standard sepsis order set or protocol

- Yes
- No

\* 9. Our hospital consistently performs the following within **3 hours**

	Yes	No
Measure lactate level	<input type="radio"/>	<input type="radio"/>
Obtain blood cultures prior to administration of antibiotics	<input type="radio"/>	<input type="radio"/>
Administer broad spectrum antibiotics	<input type="radio"/>	<input type="radio"/>
Administer 30 mL/kg crystalloid for hypotension or lactate $\geq 4$ mmol/L	<input type="radio"/>	<input type="radio"/>

\* 10. Our hospital performs the following within **6 hours**

	Yes	No
Apply vasopressors (for hypotension that does not respond to initial fluid resuscitation) to maintain a mean arterial pressure (MAP) $\geq 65$ mmHg	<input type="radio"/>	<input type="radio"/>
In the event of persistent hypotension after initial fluid administration (MAP $< 65$ mmHg) or if initial lactate was $\geq 4$ mmol/L, re-assess volume status and tissue perfusion and document findings according to Table 1 (below for reference)	<input type="radio"/>	<input type="radio"/>
Remeasure lactate if initial lactate was elevated	<input type="radio"/>	<input type="radio"/>

**TABLE 1: Reference**

**DOCUMENT REASSESSMENT OF VOLUME STATUS AND TISSUE PERFUSION WITH:**

**Either:**

-Repeat focused exam (after initial fluid resuscitation) by licensed independent practitioner including vital signs, cardiopulmonary, capillary refill, pulse and skin findings

**Or two of the following:**

- Measure CVP
- Measure ScvO<sub>2</sub>
- Bedside cardiovascular ultrasound
- Dynamic assessment of fluid responsiveness with passive leg raise or fluid challenge

\* 11. Cultures are obtained before antimicrobial therapy is initiated if such cultures do not cause significant delay ( $>45$  minutes) in the start of antimicrobial(s) administration.

- Yes
- No

\* 12. Have broad spectrum antibiotics in a dispensing system which permits antibiotics administration within one hour in the following locations:

	Yes	No
Emergency Department	<input type="radio"/>	<input type="radio"/>
Inpatient Department	<input type="radio"/>	<input type="radio"/>

\* 13. Use a "time zero" method that displays visual cues for health care team for timing of interventions for sepsis bundle (identification time)

- Yes
- No

\* 14. Does your hospital track clinician adherence to the sepsis resuscitation bundle?

- Yes
- No

\* 15. How often do you have meetings between the ED and ICU to discuss sepsis related activities?

- More than once a month
- Approximately once a month
- Other (please specify)
- Approximately once a quarter
- We do not currently have these meetings

\* 16. Are these meetings specifically for sepsis review?

- Yes
- No, but they are a part of a larger committee (e.g. Critical Care, Quality, etc)
- No

\* 17. Goals of care and prognosis are being discussed with patients (if conscious and able to understand) and families

- Yes
- No

\* 18. Goals of care are being incorporated into treatment and end-of-life planning, utilizing palliative care principles where appropriate

- Yes
- No