

Sepsis Screening Tool



- 1. Suspicion of infection (Y or N)**
- 2. SIRS criteria (need 2)**
 - a. Temp >100.9 F (38.3 C) or <96.8 F (36 C)
 - b. HR >90 bpm
 - c. RR >20 bpm
 - d. WBC $>12,000$ or $<4,000$ or 10% bands

If YES to 1 & 2 = POSITIVE sepsis screen. Order a STAT lactic acid, blood cx x2, CBC, & CMP per protocol. Notify provider.

- 3. Organ dysfunction (need one)**
 - a. SBP <90 mmHg or MAP <65 mmHg
 - b. SBP decreases >40 mmHg from baseline
 - c. Creatinine >2 mg/dl or urine output <0.5 ml/kg for 2 hrs
 - d. Bili >2 mg/dl
 - e. Lactate >2 mmol/L
 - f. Platelet $<100,000$
 - g. INR >1.5 or aPTT >60 sec
 - h. Acute resp failure with new invasive/non-invasive mechanical ventilation

YES to 1, 2, + 3 = POSITIVE screen suggestive of SEVERE sepsis

3-Hour Bundle

Stat lactic acid

Blood cx x2 (before ABX)

Broad spectrum ABX started

Isotonic fluid bolus 30 ml/kg for: - MAP <65 mmHg

- SBP <90 mmHg

- Initial lactic acid \geq 4

6-Hour Bundle

Repeat lactic acid within 6 hrs of time zero if >2

Vasopressors to keep MAP >65 and/or SBP >90

Focused exam with fluid reassessment

