

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 ≥ 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

- (2 BP readings within hour of fluid completion)



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