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 (36.0 C)
   - **b.** HR >90 bpm
   - **c.** RR >20 bpm
   - **d.** WBC >12,000 or <4,000 or >10% bands

Pregnant 20 weeks through Day 3 Post-delivery Criteria

- **a.** Temp ≥100.4 F (38.0 C) or <96.8 F (36.0 C)
- **b.** HR >110 bpm
- **c.** RR >24 bpm
- **d.** WBC >15,000 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<90mmHg or MAP< 65mmHg
     Pregnancy: SBP< 85mmHg or MAP<65mmHg
   - **b.** SBP decreases >40 mmHg from baseline
   - **c.** Creatinine >2 mg/dl or urine output <0.5 ml/kg for 2 hrs
     Pregnancy: Creatinine>1.2mg/dl or urine output<0.5ml/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

Kentucky Hospital Association

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Health Care Quality Improvement Continues

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