

# Sepsis Screening Tool

## 1. Suspicion of infection (Y or N)

## 2. SIRS criteria (need 2)

- Temp  $>100.9$  F (38.3 C) or  $<96.8$  F (36.0 C)
- HR  $>90$  bpm
- RR  $>20$  bpm
- WBC  $>12,000$  or  $<4,000$  or 10% bands

## Pregnant 20 weeks through Day 3 Post-delivery Criteria

- Temp  $>100.4$  F (38.0 C) or  $<96.8$  F (36.0 C)
- HR  $>110$  bpm
- RR  $>24$  bpm
- 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)

- SBP  $<90$ mmHg or MAP  $< 65$ mmHg  
**Pregnancy:** SBP  $< 85$ mmHg or MAP  $<65$ mmHg
- SBP decreases  $>40$  mmHg from baseline
- Creatinine  $>2$  mg/dl or urine output  $<0.5$  ml/kg for 2 hrs  
**Pregnancy:** Creatinine  $>1.2$ mg/dl or urine output  $<0.5$ ml/kg for 2 hrs.
- Bili  $>2$  mg/dl
- Lactate  $>2$  mmol/L
- Platelet  $<100,000$
- INR  $>1.5$  or aPTT  $>60$  sec
- 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



Kentucky  
Hospital  
Association

