

# SEPSIS TREATMENT BUNDLE



## 3 HOUR BUNDLE

- STAT lactate level
- Blood cultures prior to antibiotics
- Broad spectrum antibiotics
- Fluid bolus- 30 ml/kg LR for hypotension or lactate  $\geq 4$

## 6 HOUR BUNDLE

- Repeat lactate if initial  $> 2$
- Check 2 BPs within 1 hour after fluid bolus complete
- Vasopressors for persistent hypotension
- Provider documents reassessment note for volume status/tissue perfusion

# COULD THIS BE SEPSIS?



# COULD THIS BE SEVERE SEPSIS?



## Suspected or confirmed infection

With SIRS criteria:

- HR > 90
- RR > 20
- Temp < 96.8F (36C) or > 100.4F (38C)
- WBC < 4k or > 12k

## PLUS at least one sign of organ dysfunction:

- New change in mental status
- Lactate > 2
- SBP < 90 or 40 mmHg decrease from baseline or MAP < 65
- SaO<sub>2</sub> < 90% or increased O<sub>2</sub> requirements
- Creatinine > 2
- Total bilirubin > 2
- Platelets < 100,000
- INR > 1.5
- Urine output < 0.5ml/kg/hr x 2 hours

## COULD THIS BE SEPTIC SHOCK?

Infection with organ dysfunction PLUS lactate  $\geq 4$   
AND / OR  
persistent hypotension after receiving 30 ml/kg IVF