



**General Medicine
SEPSIS SYNDROME
Practice Guideline**

Patient Care Goals:
 1. Promptly identify patients at risk for cardiovascular decompensation from septic (distributive) shock
 2. Heighten hospital awareness of a potential sepsis patient

Patient Presentation:
Inclusion Criteria
 Patients with at least two systemic inflammatory response syndrome exam findings in context of a suspected infection

Patient Management
Medications:
 Acetaminophen
 •Adult (≥40 kg): 1 gram PO
 •Pediatric (<40 kg): 10-15 mg/kg

Normal Saline Bolus
 •30 mL/kg bolus IV/IO over 10 minutes
 Deliver fluid bolus via pressure bag
 Second IV/IO when shock continues

Norepinephrine (weight-based dosing)
 •Adult (≥40 kg)
 Start at 0.1 mcg/kg/min (80 kg pt = 30 gtts/min)
 Aggressive q 2 min, increase by 8 gtts
 Max at 0.5 mcg/kg/min (80 kg pt = 150 gtts/min)
 •Pediatric (<40 kg) *OLMC order*
 Refer to Medication List for infusion rate (expect similar dosing ranges and aggressive titration as adults)

Quality Improvement:
 Key Documentation Elements
 1. Response to treatments and decision making for care escalation
 2. Time of Sepsis Alert notification
 3. Pt weight

Performance Measures
 Waveform capnography

Patient Safety Considerations
 Routine use of lights and sirens is not recommended during transport unless severe or refractory to EMS interventions.

MAP displays on ZOLL X-Series monitor.
 To calculate Mean Arterial Pressure (MAP):

$$MAP = \frac{SBP + 2(DBP)}{3}$$

