Patient with suspected significant infection (i.e. possible admission)

**POSSIBLE SEPSIS**
SIRS Criteria: Two of the following:
• Temp ≥ 101°F or ≤ 96.8°F
• Pulse ≥ 90 bpm
• Resp Rate ≥ 20/minute
• WBC > 12K, <4K or Bands >10%

Clinician evaluates patient and suspects early sepsis; orders labs (must include lactate/BCx's X 2).

**SEPSIS ALERT**
1. Document Accurate Blood Culture and Lactate draw times
2. Repeat Vital Signs in 30 minutes
3. Source Control as appropriate

**Sepsis Resuscitation Elements** (Unless clinically contraindicated)
• Lactate ordered and resulted ≤ 90 min
• BCx X 2 ordered and drawn before Abx
• Abx ≤ 3 hrs of arrival
• IV fluids – consider NS 1 – 2 L over 2 hrs
• Repeat lactate 4h after initial draw
• Monitor, document VS ≤ q 60 min

**DURING ED COURSE**
Severe Sepsis Dx Criteria met (Dx SS) if:
• Lactate ≥ 2.2 OR
• Drop in SBP ≤ 90 OR
• Severe Sepsis VS criteria met OR
• New End Organ Dysfunction (SEE BOX)

**CODE SEPSIS**
1. Activate in ED “CODE SEPSIS”
2. Two RNs to bedside if possible.
3. Place ≥ 18 G IV, Ask MD re: 2nd Line & Foley
4. Draw Labs for Sepsis Panel in < 30 min.
5. Prepare for Fluid Bolus, Alert X-Ray tech

**Severe Sepsis Resuscitation Elements**
• Lactate draw ≤ 30 min and result ≤ 90 min
• BC X 2 ordered and drawn before Antibiotic
• Antibiotics ≤ 180 min
• IVF bolus started < 30 min of Code Sepsis
• Fluids: NS 500 mL boluses q 15 min to total 30 mL/kg
• Repeat lactate ≥ 30 min s/p fluid bolus
• Cont. monitoring, document VS q 15 min x 90 minutes, then ≤ q 60 minutes

**ACTIVATE “CODE SEPSIS”**
T – 0 = Triage Time

**NEW End Organ Dysfunction** (SEE BOX)
• PaO2/FIO2 Ratio < 300
• Increasing O2 demand to maintain saturation > 90%
• Cr > 2.0 or > 50% increase from known baseline
• UOP < 0.5 ml/kg/hr for > 2 hrs
• Bilirubin > 2.0 mg/dl
• Platelet Count < 100K
• INR > 1.5, PTT > 60
• Lactate ≥ 2.2

**Consultation, disposition, and transfer of care can occur at any point in the above care map.**
Hand off communication is critical and must include discussion of incomplete and complete elements.