Evaluation for Severe Sepsis Screening Tool
Severe Sepsis = Infection + SIRS + Organ Dysfunction

1. Does the patient have a current presumed (based on signs/symptoms) or documented infection?
   - Pneumonia
   - Empyema
   - Acute abdominal infection (N/V/D)
   - Urinary tract infection
   - Skin/soft tissue infection
   - Bone/joint infection
   - Bloodstream catheter infection
   - Wound Infection
   - Endocarditis
   - Implantable device infection
   - Meningitis
   - Other ______________

   YES ____ NO ____  If any one of the above under #1 is present, select YES.

2. Are any two of the following signs & symptoms of infection both present and not considered to be chronic?
   Note: Laboratory values may not be available. Solicit order from MD if needed.

   **SIRS Criteria**
   - Hyperthermia > 100.4°F
   - Hypothermia < 96.8°F
   - Tachycardia > 90 bpm
   - Tachypnea > 20 bpm
   - Leukocytosis (WBC count >12,000 uL-1)
   - Leukopenia (WBC count < 4000 uL-1)

   **Other Signs/Symptoms**
   - Acutely altered mental status
   - Hyperglycemia (plasma glucose > 120 mg/dl in the absence of diabetes)
   - Chills with rigors

   YES ____ NO ____  If two or more of the above under #2 is present, select YES.

3. Are any of the following organ dysfunction criteria present and not considered to be chronic or a result of therapy?
   - SBP < 90 mm Hg or MAP < 65 mm Hg
   - SBP decrease > 40 mm Hg from baseline
   - Bilateral pulmonary infiltrates with a new (or increased) oxygen requirement to maintain SpO2 > 90%
   - Bilateral pulmonary infiltrates with PaO2/FiO2 ratio < 300
   - Creatinine > 2.0 mg/dl or Urine output < 0.5 ml/kg/hour for > 2 hours
   - Bilirubin > 2 mg/dl
   - Platelet count < 100,000
   - Coagulopathy (INR > 1.5 or PTT > 60 sec)
   - Lactate > 2 mmol/L

   YES ____ NO ____  If any one of the above under #3 is present, select YES.

If YES to all 3 items above, the patient meets the criteria for possible **SEVERE SEPSIS**.
*Consider transfer to IMCU/ICU*

***If a positive screen call an RRT and/or notify the physician immediately.***

**Triage Guidelines:**
* If 2/4 SIRS criteria & Yes to #1, “Flag” & watch closely for Sepsis.
* If 3 SIRS Criteria & Yes to #3, consider transfer to IMCU/ICU

Signature _________________________________ Unit or Room: _______ Date: ________ Time: _______

FAITH REGIONAL HEALTH SERVICES
SEPSIS SCREENING TOOL
Initial Management of Patient with Severe Sepsis

Severe Sepsis = Infection + SIRS + Organ Dysfunction

Severe Sepsis & Septic Shock Resuscitation Goals in First 6 hours:
•  Central Venous Pressure 8-12 mmHg
•  Mean Arterial Pressure (MAP) ≥ 65
•  Urine output > 0.5 ml/kg/hr

**Early Identification & Early Appropriate Resuscitation Therapies will save lives.**

<table>
<thead>
<tr>
<th>Time</th>
<th>Initial Labs Drawn (CBC, CMP, PTT, INR, etc.)</th>
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</thead>
<tbody>
<tr>
<td>Serum Lactate</td>
<td>Result: __________________</td>
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<tr>
<td>Consider IMCU admit.</td>
<td>- Monitor closely for further signs of developing sepsis</td>
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<tr>
<td>Respiratory Failure</td>
<td>Yes</td>
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<tr>
<td>Continue Crystalloid resuscitation (30ml/kg bolus)</td>
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<tr>
<td>Transfer to ICU Bed</td>
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</table>

**SIRS Criteria + Infection &/or Positive Sepsis Screen**

3-4 Positive SIRS Criteria & YES to #3 (from front)

Administer Crystalloid fluid bolus (30ml/kg).

No Repeat MAP. Is it ≤

Yes Consider IMCU admit. - Monitor closely for further signs of developing sepsis

Supplemental Intubation with mechanical ventilation (if necessary)

2 of 4 SIRS Criteria Present
- Monitor Closely.
- May admit to Regular Floor.

Sepsis-Induced Hypoperfusion (clinical picture of sepsis + one or both of the following criteria)
1. Hypotension* AFTER initial fluid bolus (30ml/kg)

Yes Insert CVP Call for ICU Bed

No Monitor VS per standard & repeat lactate at 4 and 8 hours after initial.