### Fever/Possible Sepsis

#### Sepsis Definitions:
- **Systemic Inflammatory Response Syndrome (SIRS) Criteria.** Must have 2 or more of the following:
  - Temperature greater than 38°C (100.4°F) or less than 36°C (96.8°F)
  - Heart Rate greater than 90
  - Respiratory Rate greater than 20 or PaCO2 less than 32
  - WBC greater than 12,000 or less than 4,000 or greater than 10% immature band forms
- **Sepsis** — Systemic response manifested by 2 or more of the above SIRS criteria as a result of proven or suspected infection.
- **Severe Sepsis** — Sepsis associated with organ dysfunction, hypoperfusion or hypotension (SBP less than 90 mmHg or a reduction of greater than 40 mmHg from baseline in the absence of other causes for hypotension).
- **Septic Shock** — Those patients with severe sepsis who remain hypotensive (SBP less than 90) after the fluid bolus and require vasopressor support, and/or those patients who have severe sepsis with a lactate greater than 4 mmol/L.

#### Laboratory

<table>
<thead>
<tr>
<th>Test</th>
<th>Description</th>
<th>Order</th>
</tr>
</thead>
<tbody>
<tr>
<td>CBC and Differential</td>
<td>ASAP For 1 Occurrences</td>
<td></td>
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<tr>
<td>Comprehensive Metabolic Panel</td>
<td>ASAP For 1 Occurrences</td>
<td></td>
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<tr>
<td>Blood Cultures x 2 STAT</td>
<td>&quot;And&quot; Linked Panel</td>
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<tr>
<td>Blood Culture Aerobic/Anaerobic</td>
<td>ASAP, Once For 1 Occurrences</td>
<td></td>
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<td>Blood Culture Aerobic/Anaerobic</td>
<td>ASAP, Once For 1 Occurrences</td>
<td></td>
</tr>
<tr>
<td>Nursing obtain blood cultures prior to antibiotic administration</td>
<td>ASAP, Once For 1 Occurrences Specify: obtain blood cultures prior to antibiotic administration</td>
<td></td>
</tr>
<tr>
<td>Lactic Acid, Plasma</td>
<td>ASAP For 1 Occurrences</td>
<td></td>
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<tr>
<td>Lactic Acid, Whole blood</td>
<td>ASAP For 1 Occurrences</td>
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<tr>
<td>POC VBG-Lactate</td>
<td>ASAP, Once For 1 Occurrences</td>
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<tr>
<td>Urine Aerobic Culture</td>
<td>Once For 1 Occurrences</td>
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<tr>
<td>Urinalysis</td>
<td>ASAP For 1 Occurrences</td>
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<tr>
<td>POC Urinalysis Dipstick</td>
<td>ASAP, Once For 1 Occurrences Specify: If age 12-55 and no TAH</td>
<td></td>
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<tr>
<td>Pregnancy, Urine</td>
<td>ASAP For 1 Occurrences Specify: If age 12-55 and no TAH</td>
<td></td>
</tr>
<tr>
<td>POC Pregnancy, Urine</td>
<td>ASAP, Once For 1 Occurrences</td>
<td></td>
</tr>
<tr>
<td>hCG, Quantitative, Blood</td>
<td>ASAP For 1 Occurrences</td>
<td></td>
</tr>
</tbody>
</table>

#### Treatment (Sepsis)

<table>
<thead>
<tr>
<th>Test</th>
<th>Description</th>
<th>Order</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nursing initiate sepsis interventions</td>
<td>ASAP, Once For 1 Occurrences Specify: initiate sepsis interventions (Triage - Sepsis Screening &amp; Action)</td>
<td></td>
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<tr>
<td>Pulse Oximetry (spot check on RA)</td>
<td>ASAP, Once For 1 Occurrences Specify: spot check on room air</td>
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<tr>
<td>Continuous Pulse Oximetry</td>
<td>ASAP, Continuous</td>
<td></td>
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<tr>
<td>Oxygen - nasal cannula</td>
<td>ASAP, Continuous Specify: Start at 2L/min; titrate oxygen to maintain SpO2 greater than 92%</td>
<td></td>
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</tbody>
</table>

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**Formula for OhioHealth**

Medication Orders Only: Check box below for any "STAT" or "NOW" orders, written above.

- [ ] STAT
- [ ] NOW
Insert and Maintain IV

- Insert peripheral IV
  - ASAP, Once For 1 Occurrences
- Saline lock IV
  - ASAP, Once For 1 Occurrences
- Sodium chloride 0.9 % flush
  - 5 mL, Intravenous, As needed, line care
- Start 2nd IV
  - ASAP, Once For 1 Occurrences
  - Specify: start 2nd IV
  - Sepsis criteria met

Vital signs - repeat

- ASAP, Once For 1 Occurrences
- Repeat vital signs if sepsis criteria met (Q30 min. x3 hours; then Q1H)

Check with physician for pain management

- ASAP, Once For 1 Occurrences
- Specify: for pain management

Radiology

For Temp greater than 100.4 F and cough or high clinical suspicion for pneumonia

- XR Chest 1 View Portable
  - ASAP, 1 time imaging For 1 Occurrences
  - Portable? Yes
  - Reason for Exam: Is the patient pregnant?

- XR Chest 2 Views
  - ASAP, 1 time imaging For 1 Occurrences
  - Reason for Exam: Is the patient pregnant?

Fever Management: Patient Presents with a Temp greater than 100.4 F

Medications - Adult (Single Response)

- Acetaminophen (TYLENOL) tablet
  - 975 mg, Oral, Once as needed, fever 100.4 F or greater, For 1 Doses

- Ibuprofen (ADVIL, MOTRIN) tablet
  - 400 mg, Oral, Once as needed, fever 100.4 F or greater, headaches, For 1 Doses