



# Yolo County Emergency Medical Services Agency

## Protocols

Revised Date: September 1, 2018

<b>SUSPECTED SEPSIS</b>	
<b>Adult</b>	<b>Pediatric</b>
<b>Definitions</b>	
<p><b>Sepsis</b> is a rapidly progressing, life threatening condition due to systemic infection. Sepsis must be recognized early and treated aggressively to prevent progression to shock and death.</p> <p><b>Severe Sepsis</b> may cause hypoxia and inadequate organ perfusion, resulting in metabolic acidosis marked by elevated blood lactate levels and decreased EtCO<sub>2</sub> levels (measured by capnography).</p> <p>The purpose of a <b>Sepsis Alert</b> is to provide pre-arrival ED notification in order to facilitate rapid assessment and treatment of a suspected severe sepsis patient.</p>	
<b>BLS</b>	
Assess vital signs O <sub>2</sub> , titrate SpO <sub>2</sub> to ≥ 94% Assist ventilations as needed Temperature	
<b>BLS Local Scope</b>	
Blood Glucose Check	
<b>ALS</b>	
Cardiac Monitor, Waveform EtCO <sub>2</sub> , Vascular Access	
<b>Sepsis Triage Criteria</b>	
<p>A <b>Sepsis Alert</b> shall be instituted for patients meeting at least 2 of the following:</p> <ul style="list-style-type: none"> <li>• Suspected infection</li> <li>• EtCO<sub>2</sub> &lt; 25 mmHg</li> <li>• 2 or more of the following:               <ul style="list-style-type: none"> <li>• Temperature &gt; 100.4° F or &lt; 96.8° F</li> <li>• RR &gt; 20 breaths/min</li> <li>• HR &gt; 90 BPM</li> </ul> </li> </ul>	<p>A <b>Sepsis Alert</b> shall be instituted for patients meeting at least 2 of the following:</p> <ul style="list-style-type: none"> <li>• Suspected infection</li> <li>• EtCO<sub>2</sub> &lt; 25 mmHg</li> <li>• 2 or more of the following:               <ul style="list-style-type: none"> <li>• Temperature &gt; 100.4° F or &lt; 96.8° F</li> <li>• Elevated RR for age</li> <li>• Elevated HR for age</li> </ul> </li> </ul> <p>Additional signs: Mottled cool extremities and ALOC</p>
<p><b>Fluid Bolus NS 250 mL IV/IO</b></p> <ul style="list-style-type: none"> <li>• May repeat as needed</li> </ul>	<p><b>Fluid Bolus NS 20 mL/kg IV/IO</b></p> <ul style="list-style-type: none"> <li>• Titrate to age appropriate SBP</li> </ul>
<b>Direction</b>	
<ul style="list-style-type: none"> <li>• Contact Receiving ED with a “<b>SEPSIS ALERT</b>”</li> <li>• Contact Receiving ED Physician for additional treatment</li> </ul>	