



Yolo County Emergency Medical Services Agency

Protocols

Revised Date: May 1, 2024

SUSPECTED SEPSIS	
Adult	Pediatric
Definitions	
<p>Sepsis 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>Severe Sepsis may cause hypoxia and inadequate organ perfusion, resulting in metabolic acidosis marked by elevated blood lactate levels and decreased EtCO₂ levels (measured by capnography).</p> <p>The purpose of a Sepsis Alert is to provide pre-arrival ED notification in order to facilitate rapid assessment and treatment of a suspected severe sepsis patient.</p>	
BLS	
Assess vital signs O ₂ , titrate SpO ₂ to ≥ 94% Assist ventilations as needed Temperature	
BLS Local Scope	
Blood Glucose Check	
ALS	
Cardiac Monitor, Waveform EtCO ₂ , Vascular Access	
Sepsis Triage Criteria	
<p>A Sepsis Alert shall be instituted for patients meeting at least 2 of the following:</p> <ul style="list-style-type: none"> • Suspected infection • EtCO₂ < 25 mmHg • 2 or more of the following: <ul style="list-style-type: none"> • Temperature > 100.4° F or < 96.8° F • RR > 20 breaths/min • HR > 90 BPM 	<p>A Sepsis Alert shall be instituted for patients meeting at least 2 of the following:</p> <ul style="list-style-type: none"> • Suspected infection • EtCO₂ < 25 mmHg • 2 or more of the following: <ul style="list-style-type: none"> • Temperature > 100.4° F or < 96.8° F • Elevated RR for age • Elevated HR for age <p>Additional signs: Mottled cool extremities and ALOC</p>
<p>Fluid Bolus NS 250 mL IV/IO</p> <ul style="list-style-type: none"> • May repeat as needed 	<p>Fluid Bolus NS 20 mL/kg IV/IO</p> <ul style="list-style-type: none"> • Titrate to age appropriate SBP
Direction	
<ul style="list-style-type: none"> • Contact Receiving ED with a “SEPSIS ALERT” • Contact Base Hospital for additional treatment 	