

<b>SHOCK (MEDICAL) - HYPOTENSION/SEPSIS</b>	
<b>ADULT</b>	<b>PEDIATRIC (≤34KG)</b>
<b>BLS</b>	
<ul style="list-style-type: none"> <li>• Universal Protocol #601</li> <li>• Pulse Oximetry                             <ul style="list-style-type: none"> <li>○ O<sub>2</sub> administration per Airway Management Protocol #602</li> </ul> </li> <li>• Place in supine position if tolerated</li> </ul>	<p>Same as Adult</p>
<b>ALS Standing Orders</b>	
<p><b>SBP &lt; 100 mmHg or other signs of hypotension</b></p> <ul style="list-style-type: none"> <li>• <b>Normal Saline</b> up to 500 mL IV                             <ul style="list-style-type: none"> <li>○ repeat x1 if hypotension persists</li> </ul> </li> <li>• Consider establishing secondary IV access</li> <li>• Consider 12-lead ECG</li> <li>• If shock is due to trauma refer to General Trauma Protocol #660</li> </ul>	<p><b>Signs of hypotension specific to age – see Universal Protocol #601 Attachment A</b></p> <ul style="list-style-type: none"> <li>• <b>Normal Saline</b> 20 mL/kg IV/IO not to exceed 500 mL                             <ul style="list-style-type: none"> <li>○ repeat x1 if hypotension persists</li> </ul> </li> <li>• Consider establishing secondary IV access</li> <li>• If shock is due to trauma refer to General Trauma Protocol #660</li> </ul>
<b>Base Hospital Orders Only</b>	
<p style="text-align: center;"><b>Non-Hypovolemic Shock</b></p> <ul style="list-style-type: none"> <li>• <b>Push-Dose Epinephrine 10 mcg/mL</b> 1 mL IV/IO every 1-3 min                             <ul style="list-style-type: none"> <li>○ repeat as needed titrated to SBP &gt;90mmHg</li> <li>○ <u>See notes for mixing instructions</u></li> </ul> </li> <li style="text-align: center;"><b>OR</b></li> <li>• <b>Epinephrine Drip</b> start at 10 mcg/min IV/IO infusion                             <ul style="list-style-type: none"> <li>○ Consider for extended transport</li> <li>○ <u>See formulary for mixing instructions</u></li> </ul> </li> <li>• As needed</li> </ul>	<ul style="list-style-type: none"> <li>• As needed</li> </ul>
<b>Notes</b>	
<ul style="list-style-type: none"> <li>• <b><u>Mixing Push-Dose Epinephrine 10 mcg/mL (1:100,000):</u></b> Mix 9 mL of <b>Normal Saline</b> with 1 mL of <b>Epinephrine 1:10,000</b>, mix well</li> <li>• Consider underlying causes of shock</li> <li>• Use caution with fluid challenges if signs of CHF or history of liver or renal failure</li> <li>• Keep patient warm</li> <li>• Treatable/Reversible considerations:                             <ul style="list-style-type: none"> <li>○ Hypoxemia</li> <li>○ Tachycardia/Bradycardia</li> <li>○ Hyper/Hypothermia</li> <li>○ Hypovolemia</li> <li>○ Altered mental status</li> <li>○ Fractures/Bleeding/Tension pneumothorax</li> <li>○ Anaphylaxis</li> <li>○ Chest pain</li> <li>○ Overdose</li> </ul> </li> </ul>	