

## Managing Shock Flowchart

Managing shock flowchart			
<ul style="list-style-type: none"> <li>Oxygen</li> <li>Pulse oximetry</li> <li>ECG monitor</li> </ul>		<ul style="list-style-type: none"> <li>IV/IO access</li> <li>BLS as indicated</li> <li>Point-of-care glucose testing</li> </ul>	
Hypovolemic shock: Specific management for selected conditions			
Nonhemorrhagic		Hemorrhagic	
<ul style="list-style-type: none"> <li>20 mL/kg NS/LR bolus, repeat as needed</li> <li>Consider colloid</li> </ul>		<ul style="list-style-type: none"> <li>Control external bleeding</li> <li>20 mL/kg NS/LR bolus, repeat 2 or 3x as needed</li> <li>Transfuse PRBCs as indicated</li> </ul>	
Distributive shock: Specific management for selected conditions			
Septic	Anaphylactic		Neurogenic
Management algorithm: <ul style="list-style-type: none"> <li>Septic Shock</li> </ul>	<ul style="list-style-type: none"> <li>IM epinephrine (or autoinjector)</li> <li>Fluid boluses (10-20 mL/kg NS/LR)</li> <li>Albuterol</li> <li>Antihistamines, corticosteroids</li> <li>Epinephrine infusion</li> </ul>		<ul style="list-style-type: none"> <li>20 mL/kg NS/LR bolus, repeat PRN</li> <li>Vasopressor</li> </ul>
Cardiogenic shock: Specific management for selected conditions			
Bradyarrhythmia/tachyarrhythmia		Other (eg, CHD, myocarditis, cardiomyopathy, poisoning)	
Management algorithms: <ul style="list-style-type: none"> <li>Bradycardia</li> <li>Tachycardia</li> </ul>		<ul style="list-style-type: none"> <li>5 to 10 mL/kg NS/LR bolus, repeat PRN</li> <li>Inotropic and/or vasoactive infusion</li> <li>Consider expert consultation</li> <li>Antidote for poisoning</li> </ul>	
Obstructive shock: Specific management for selected conditions			
Ductal-dependent (LV outflow obstruction)	Tension pneumothorax	Cardiac tamponade	Pulmonary embolism
<ul style="list-style-type: none"> <li>Prostaglandin E1</li> <li>Expert consultation</li> </ul>	<ul style="list-style-type: none"> <li>Needle decompression</li> <li>Tube thoracostomy</li> </ul>	<ul style="list-style-type: none"> <li>Pericardiocentesis</li> <li>20 mL/kg NS/LR bolus</li> </ul>	<ul style="list-style-type: none"> <li>20 mL/kg NS/LR bolus, repeat PRN</li> <li>Consider thrombolytics, anticoagulants</li> <li>Expert consultation</li> </ul>