Pediatric Management of Shock Flowchart

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Management of Shock Flowchart

- Oxygen
- Pulse oximetry
- ECG monitor
- IV/IO access
- BLS as indicated
- Point-of-care glucose testing

Hypovolemic Shock
Specific Management for Selected Conditions

Nonhemorrhagic	Hemorrhagic
• 20 mL/kg NS/LR bolus, repeat as needed • Consider colloid	• Control external bleeding • 20 mL/kg NS/LR bolus, repeat 2 or 3× as needed • Transfuse PRBCs as indicated

Distributive Shock
Specific Management for Selected Conditions

Septic	Anaphylactic	Neurogenic
Management Algorithm: • Septic Shock	• IM epinephrine (or autoinjector) • Fluid boluses (20 mL/kg NS/LR) • Albuterol • Antihistamines, corticosteroids • Epinephrine infusion	• 20 mL/kg NS/LR bolus, repeat PRN • Vasopressor

Cardiogenic Shock
Specific Management for Selected Conditions

Bradyarrhythmia/Tachyarrhythmia	Other (eg, CHD, Myocarditis, Cardiomyopathy, Poisoning)
Management Algorithms: • Bradycardia • Tachycardia With Poor Perfusion	• 5 to 10 mL/kg NS/LR bolus, repeat PRN • Vasoactive infusion • Consider expert consultation

Obstructive Shock
Specific Management for Selected Conditions

Ductal-Dependent (LV Outflow Obstruction)	Tension Pneumothorax	Cardiac Tamponade	Pulmonary Embolism
• Prostaglandin E_1 • Expert consultation	• Needle decompression • Tube thoracostomy	• Pericardiocentesis • 20 mL/kg NS/LR bolus	• 20 mL/kg NS/LR bolus, repeat PRN • Consider thrombolytics, anticoagulants • Expert consultation