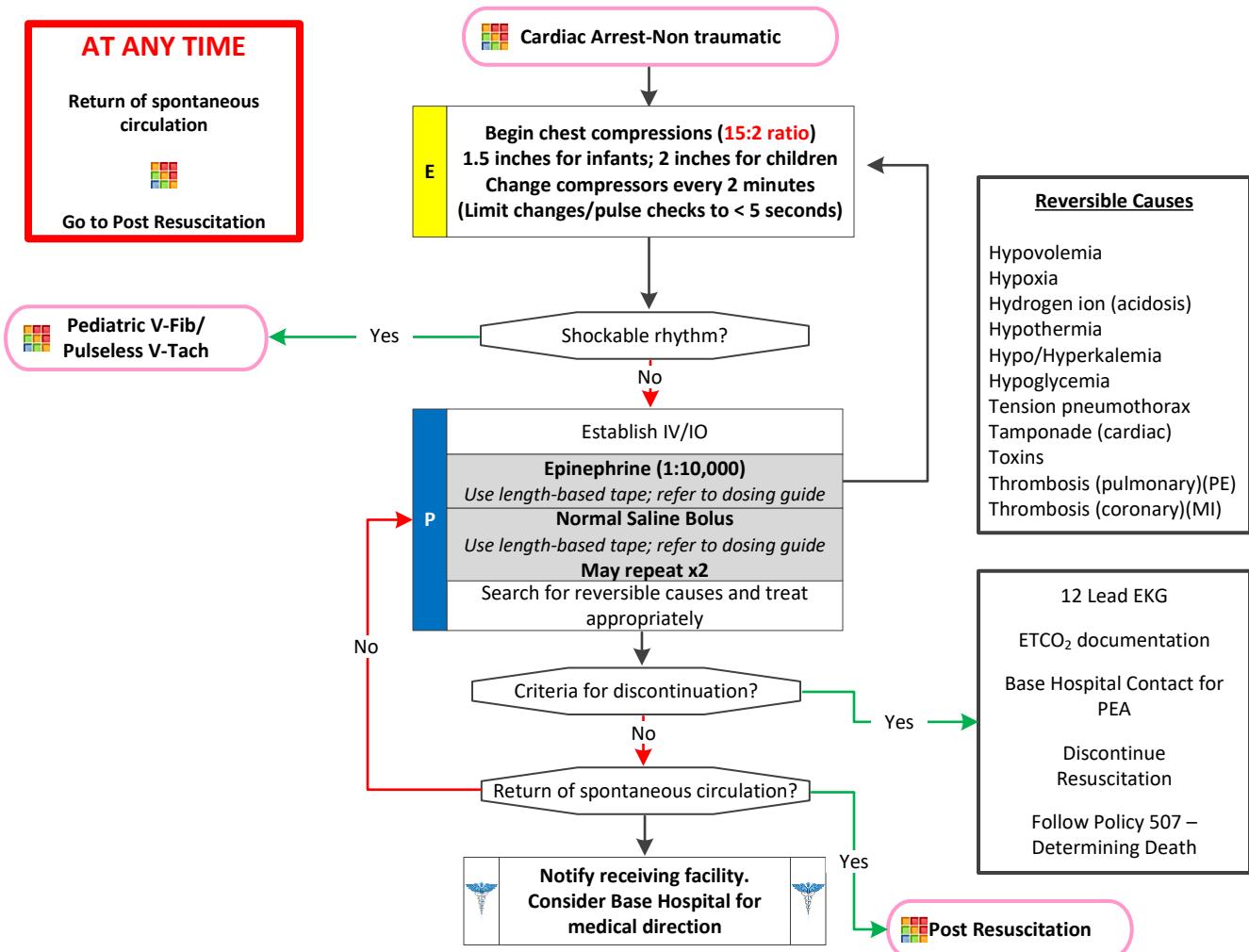


Pediatric Asystole/PEA

For non-traumatic cardiac arrest in which any resuscitation is initiated, NOT dead on arrival

History	Signs and Symptoms	Differential
<ul style="list-style-type: none"> Events leading to arrest Estimated downtime Past medical history Medications End stage renal disease Suspected hypothermia Suspected overdose <ul style="list-style-type: none"> Tricyclic Digitalis Beta blockers Calcium channel blockers DNR, POLST, or Living Will 	<ul style="list-style-type: none"> Pulseless Apneic or agonal respirations No electrical activity on ECG No heart tones on auscultation 	<ul style="list-style-type: none"> Airway obstruction/respiratory disease Hypovolemia (e.g., trauma or other) Cardiac tamponade Hypothermia Drug overdose (e.g., tricyclic, digitalis, beta blockers, or calcium channel blockers) Myocardial infarction Hypoxia Tension pneumothorax Pulmonary embolus Acidosis Hyperkalemia



Pediatric Asystole/PEA

For non-traumatic cardiac arrest in which any resuscitation is initiated, NOT dead on arrival

Pearls

- Airway is a more important intervention in pediatric arrests. This should be accomplished quickly with a BVM, airway adjunct, and appropriately sized mask. Patient survival is often dependent on proper ventilation and oxygenation.
- Efforts should be directed at high quality chest compressions with limited interruptions.
- Use appropriately sized pediatric BVM with EtCO₂.
- Do not delay chest compressions while applying any device or intervention.
- Use a metronome during chest compression to ensure proper rate.
- Provide resuscitative efforts for 30 minutes to maximize chance of ROSC.
- If resuscitative efforts do not attain ROSC, consider cessation of efforts per Policy 507 – Determining Death.
- Resuscitation is based on proper planning and organized execution. Procedures require space and patient access. Make room to work. Utilize a team focused approach assigning responders to predetermined tasks.
- Reassess airway and document EtCO₂ frequently.
- Defibrillation vests should be removed by EMS personnel before compressions, but do not cut vests. Once removed, disengage battery to prevent alarming.
- Pediatric pads should be used in children < 10kg or measurement of Purple.

