

Southeast Michigan Regional Protocol

Genesee, HEMS (Wayne), Lapeer, Macomb, Oakland, and Washtenaw/Livingston MCA's

Pediatric Asystole/PEA

During CPR, consider reversible causes of Asystole/PEA and treat as indicated. Causes and efforts to correct them include:

- a. Hypovolemia – fluid bolus
- b. Hypoxia – reassess airway and ventilate with high flow oxygen
- c. Tension pneumothorax – pleural decompression
- d. Hypothermia – warming
- e. Hyperkalemia

Pre-Radio

PARAMEDIC

1. Follow the General Cardiac Arrest Protocol.
2. Administer Epinephrine 1:10,000, 0.01 mg/kg (0.1 ml/kg) IV/IO, or Epinephrine 1:1000, 0.1 mg/kg (0.1 ml/kg) via ET if IV/IO unavailable. Repeat every 3-5 minutes.
3. If renal failure is suspected, administer Sodium Bicarbonate 1 mEq/kg IV/IO.
4. Continue CPR for two minutes and reassess rhythm.