

Southeast Michigan Regional Protocol

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

Pediatric Ventricular Fibrillation/Pulseless Ventricular Tachycardia

Pre-Radio

PARAMEDIC

1. Follow the General Cardiac Arrest protocol.
2. Defibrillate at 2 joules/kg*.
Continue CPR for 2 minutes and reassess rhythm.
3. Defibrillate at 4 joules/kg,
Continue CPR for 2 minutes and reassess rhythm.
4. Administer Epinephrine 0.01 mg/kg 1:10,000 (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. May be administered before or after defibrillation.
5. Continue CPR for 2 minutes and reassess rhythm.
Defibrillate at 4 joules/kg.
6. Administer Amiodarone 5 mg/kg IV/IO (maximum 300 mg). Amiodarone may be repeated up to 15 mg/kg or 300 mg maximum total dose. May be administered before or after defibrillation.
7. Administer magnesium 50 mg/kg IV/IO, maximum 2 g for torsades de pointes.
8. Continue CPR for 2 minutes and reassess rhythm.
Defibrillate at 4 joules/kg. Repeat defibrillation as indicated.