

Pediatric Pulseless Arrest

C-1P

Pediatric Pulseless Arrest			
Approval: Troy M. Falck,	MD – Medical Director		Effective: 06/01/2024
Approval: John Poland – Executive Director		Next Review: 04/2027	
INFANT CPR		CHILD CPR	
 Perform chest compressions with minimal interruptions (≤10 secs) 1 rescuer: 2 finger compressions 2 rescuer: 2 thumbs with hands encircling chest Rate: 100-120/min Depth: 1/3 diameter of the chest (approx. 1 ½") Compression/ventilation ratio: 1 rescuer: 30:2 2 rescuer: 15:2 Perform CPR during AED/defibrillator charging & resume CPR immediately after shock 		 Perform chest compressions with minimal interruptions (≤10 secs) 1 or 2 hand compressions Rate: 100-120/min Depth: 1/3 diameter of the chest (approx. 2") Compression/ventilation ratio: 1 rescuer: 30:2 2 rescuer: 15:2 Perform CPR during AED/defibrillator charging & resume CPR immediately after shock 	
DEFIBRILLATION & OVERALL MANAGEMENT		ADVANCED AIRWAY MANAGEMENT	
 Analyze rhythm & check pulse after every 2 min CPR cycle AED detail: Use child pads, if available, for infants & children 8 years old If child pads not available, use adult pads, make sure pads do not touch each other or overlap Adult pads deliver a higher shock dose, but a higher shock dose is preferred to no shock Manual defibrillation detail: Initial dose: 2 J/kg, subsequent doses: 4 J/kg Movement of pt may interrupt CPR or prevent adequate depth and rate of compressions Consider resuscitation on scene up to 20 mins 		 Consider/establish advanced airway (ALS only) at appropriate time during resuscitation Do not interrupt chest compressions to establish an advanced airway Waveform capnography shall be used on all pts with an advanced airway in place An abrupt increase in PETCO₂ is indicative of ROSC Persistently low PETCO₂ levels (<10 mmHG) suggest ROSC is unlikely 	
TREAT REVERSIBLE CAUSES		TERMINATION OF RESUSCITATION	
 Hypovolemia Hypoxia Hydrogen Ion (acidosis) Hypo-/hyperkalemia Hypothermia Refer to Hypothermia & Immersion Suffocation (E-2) or Traumatic Puls (T-6) as appropriate Contact the base/modi consultation & orders a Consider early transpore reversible causes that treated in the prehospir 	Resuscitation Protocol seless Arrest Protocol fied base hospital for as appropriate rt of pts who have cannot be adequately	 If non-shockable rhythr appropriate, aggressive 	e ALS interventions for 30 0 mm Hg after 20 mins in a rway), consider

SEE PAGE 2 FOR TREATMENT ALGORITHM

