



Cardiac: Treatable Causes with a Pulse

Assessment

Pediatric Pearls:

- Use pediatric dosing of medications or electrical therapy for a pediatric patient < 37 kg and as defined by the PEDIA Tape.
- Focus on rapid and early BLS airway and ventilation tools. Intubation may not be the best option for these patients.
- Pediatric pads should be used in children < 10 Kg or PEDIA tape color purple.

Signs & Symptoms:

- Unresponsive
- Abnormal breathing (gasps)
- Pulseless
- Absent heart sounds
- Obvious death

Differential:

- Continue to address specific differentials associated with signs, symptoms, and/or dysrhythmia.

Clinical Management Options

P	P	P	P	P	P
L	L	L	L	L	L
1	2	3	4	5	6

- Hypoxia:
 - Adult & Pediatric - Airway Management and [Oxygen](#)
- Hypothermia:
 - Adult & Pediatric - Active warming strategies
- Hypovolemia:
 - Adult & Pediatric - Fluid bolus with [Isotonic Solution](#) as needed
- Hypoglycemia:
 - Adult & Pediatric - [Dextrose infusion](#)
- Calcium Channel / Beta Blocker Overdose:
 - Adult & Pediatric - [Glucagon](#)
- Calcium Channel / Beta Blocker Overdose
 - Adult & Pediatric - [Glucagon](#)
- Calcium Channel / Beta Blocker Overdose
 - Pediatric - [Epinephrine](#) infusion
- Tension Pneumothorax:
 - Adult & Pediatric - [Needle Decompression](#)
- Acidosis:
 - Adult & Pediatric - [Sodium Bicarbonate](#)
- Hyperkalemia
 - Adult - [Calcium Chloride](#), [Sodium Bicarbonate](#)
 - Pediatric - [Sodium Bicarbonate](#)
- Calcium Channel / Beta Blocker Overdose
 - Adult - [Calcium Chloride](#)
- Anaphylaxis:
 - Adult & Pediatric - [Epinephrine](#)
- Tension Pneumothorax:
 - Adult - [Simple Thoracostomy](#)

Consult Online Medical Control As Needed