

SECTION: PC-01a

PROTOCOL TITLE:
PEDIATRIC CARDIAC/RESPIRATORY ARREST- **BLS** and **AEMT** Algorithm
REVISED: November 1, 2017

Box #1:
If adequate CPR is being performed upon arrival:

- Confirm cardiopulmonary arrest and resume CPR.
- Apply defibrillation pads (pediatric pads as per manufacturer's recommendation) and cardiac monitor without cessation of CPR.
- Apply length based resuscitation tape.
- Move on to, "Box 4."

Box #2:
Sudden, witnessed arrest in the presence of EMS:

- Perform CPR only long enough to apply defibrillation pads (pediatric pads as per manufacturer's recommendation) and cardiac monitor.
- Apply length based resuscitation tape.
- Move on to, "Box 4."

Box #3:
If inadequate CPR or no CPR at all, is being performed upon arrival:

- Confirm cardiopulmonary arrest
- Initiate CPR
- 5 cycles 15 compressions to 2 ventilations with two rescuers (approximately 1-2 minutes)
 - 30:2 for single rescuer CPR.
- During CPR
 - Apply defibrillation pads (pediatric pads as per manufacturer's recommendation) and AED
 - Apply length based resuscitation tape.
 - Prepared IV/IO equipment (**AEMT**)
- Infant (< 1 year) continue CPR until ALS responders arrive.
 - Recheck rhythm every 5 cycles
- Child (> 1 year)
 - Move to "Box #4"

Box #4:
Child (> 1 year)
Shockable Rhythm ?

Shockable Rhythm:

- Give 1 shock with AED
 - Continue CPR while AED charges.
- Immediately resume CPR for 5 cycles 15:2.
- Obtain IV/IO access without cessation of CPR. (**AEMT**)
- Check rhythm every 5 cycles, continue until ALS arrives.

Not shockable Rhythm:

- Immediately resume CPR for 5 cycles 15:2.
- Obtain IV/IO access without cessation of CPR. (**AEMT**)
- Check rhythm every 5 cycles, continue until ALS arrives. 2 cycles 15:2

PED CARDIAC/RESPIRATORY ARREST- **BLS**/**AEMT**

Protocol

PC-01a

PED CARDIAC/RESPIRATORY ARREST- **BLS/AEMT**