

SECTION: PC-1a

PROTOCOL TITLE:
PEDIATRIC CARDIAC/RESPIRATORY ARREST- **BLS** and **ILS** Algorithm
REVISED: October 15, 2014

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

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

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

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

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

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

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

Shockable Rhythm:

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

Not shockable Rhythm:

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

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Protocol
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