

Neonates in Cardiac Arrest

Inclusion criteria: Newborn to 1 month old

*****KEY POINT*****

Note: Lifepack 15 AED mode is not intended for use on patients <8 years old.

- Pediatric pads should be used with pediatric patients if available
- If emesis is present, suction immediately

Confirm Cardiac Arrest

Initiate Compressions in a 3:1 compression / ventilation ratio (2 minutes)
at a rate of at least 100 bpm

Check pulse (<10 sec)

Attach pads, analyze rhythm (**in paddles mode or AED if Basic or Intermediate**)
Shock if indicated (No pulse check after shock)

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Visualization with a laryngoscope blade and the use of a Magill's recommended to
remove airway obstruction

Compressions in a 3:1 compression / ventilation ratio (2 minutes)

Simultaneous with compressions:
IV/IO

Establish airway, consider an Extraglottic Airway Device

[Pediatric Dosing Chart](#): Refer to the specific protocol for the presenting rhythm

At 1:30 sec into compressions, pre-charge the monitor to 2J/kg (LP15 or Zoll)

Analyze rhythm, check pulse (<10 sec)
Shock if indicated

No pulse check after shock

3:1 Compressions / Ventilations

Subsequent defibrillation at 4J/kg (LP15 or Zoll)

Continue with Compressions / Ventilations pre-charging and shocking if necessary
for the duration of the code or achievement of ROSC