BLS PEDIATRIC CARDIAC ARREST ALGORITHM
ONE RESCUER

ProMed CERTIFICATIONS

Ensure Safe Scene

VICTIM APPEARS UNRESPONSIVE
- SHOUT OUT FOR NEARBY HELP
- ACTIVATE EMERGENCY RESPONSE SYSTEM (ERS)

Assess Patient and Check Pulse

Check pulse for 5-10 seconds while assessing patient for any breathing or gasping for air.

Pulse: Regular Breathing →

Activate ERS
(If not done yet)

Return to victim until emergency responders arrive.

Pulse: Irregular Breathing →

Rescue Breathing

1 breath / 3-5 seconds (12-20 breaths/minute)

If pulse is ≤60 beats/min and signs of poor perfusion exist, add compresions

At 2-minute mark, activate ERS (Emergency Response System)

Every 2 minutes: continue rescue breathing and check pulse

No Pulse

No Pulse: No Breathing

Witness Patient Collapse?

Yes →

Activate ERS
(If not done yet)

Retrieve AED Defribrillator

No

PERFORM CPR
- RESCUER 1: BEGIN CPR
  - > 30:2 ratio (compressions to breaths)
  - > 15:2 ratio (if second rescuer arrives)
- USE AED AS SOON AS POSSIBLE
- 2-MINUTE MARK: ACTIVATE ERS IF ALONE
  - > Retrieve AED if not already completed

AED Performs Rhythm Check

Determine if rhythm is shockable

Shockable →

IF RHYTHM IS SHOCKABLE
- Give patient 1 shock
- Immediately resume CPR for 2 minutes
  - > AED will prompt rhythm check
- Continue until victim moves or ALS providers arrive

Not Shockable →

IF RHYTHM IS NOT SHOCKABLE
- Immediately resume CPR for 2 minutes
  - > AED will prompt rhythm check
- Continue until victim moves or ALS providers arrive

This Algorithm is based on the latest (2020) American Heart Association standards and guidelines

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