Pediatric Cardiac Arrest
– Advanced Life Support
– 2020 ECC Guidelines

- Defibrillation
- CPR = 2 minutes

- Identify Cardiac Arrest
- Begin and maintain CPR
- Ventilate with bag-mask and attached to supplemental O₂
- Attach monitor/Defibrillator

Is the Rhythm Shockable?

Ventricular Fibrillation or Pulseless VT

- 2 Joules/kg

- CPR
- IV/IO access

Rhythm Shockable?

- 4 Joules/kg

- CPR
  - Epinephrine (repeated every 3–5 min)
  - Consider advanced airway, (depending on skill of provider and availability of equipment)

Rhythm Shockable?

- Increase Dose
  - Each Defib to A Max of 10 J/kg

- CPR
  - Amiodarone or Lidocaine
  - Find and Treat reversible causes

Asystole/PEA

- CPR
  - IV/IO access
  - Epinephrine every 3–5 min
  - Consider advanced airway
  - Consider use of capnography

- Evaluate Rhythm q 2 minutes for shockable rhythm
- Find and Treat Reversible Causes


Version control: This document follows 2020 American Heart Association® guidelines for CPR and ECC. American Heart Association® guidelines are updated every five years.
If you are reading this page after December 2025, please contact support@aclss.net for an update. Version 2023.06.a

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