

History

- Time of arrest
- **SAMPLE**
- Medications
- Possibility of foreign body
- Hypothermia

Signs and Symptoms

- Unresponsive
- Cardiac arrest

Differential

- Respiratory failure
Foreign body, Secretions, Infection (croup, epiglottitis)
- Hypovolemia (dehydration)
- Congenital heart disease
- Trauma
- Tension pneumothorax, cardiac tamponade, pulmonary embolism
- Hypothermia
- Toxin or medication
- Electrolyte abnormalities (Glucose, K)
- Acidosis


AT ANY TIME

Return of Spontaneous Circulation



Go to Post Resuscitation Protocol

 **Universal Patient Care Protocol**
Routine Standard of Care

 **CPR per AHA guidelines**

 **Cardiac Monitor**

Ventricular Fibrillation / Tachycardia



Defibrillate: 2J/Kg
Immediately start CPR. No pulse check



Airway Protocol



IV Protocol

Give 5 Cycles of CPR



Check rhythm, Check pulse
Shockable rhythm?

No

Yes



Defibrillate: 4J/Kg
Immediately resume CPR. No pulse check



Epinephrine IV/IO q3-5 min
(Dosing per Broselow)

Give 5 Cycles of CPR



Check rhythm, Check pulse
Shockable rhythm?

No

Yes



Defibrillate: 4J/Kg
Immediately resume CPR. No pulse check

Asystole / PEA



Airway Protocol



IV Protocol



Epinephrine IV/IO q3-5 min
(Dosing per Broselow)



Consider Dextrose IV/IO (0.5-1g/kg)



Continue CPR 5 cycles at a time



Check rhythm between cycles of CPR



Only check for pulse between cycles of CPR and if there is a perfusing rhythm



If at any time rhythm becomes shockable then go to left column of this protocol

Try to Identify and treat the cause:

Hypoxemia	Acidosis
Volume depletion	Hypothermia
Tension pneumothorax	Hyperkalemia
Hypoglycemia	Hypokalemia

Pearls

- Recommended Exam: Mental Status
- Monophasic and Biphasic waveform defibrillators should use the same energy levels noted above.
- In order to be successful in pediatric arrests, a cause must be identified and corrected.
- Airway is the most important intervention. This should be accomplished immediately. Patient survival is often dependent on airway management success.