**PEDIATRIC CARDIAC ARREST (< 14 Years Old)**

**ADMINISTRATIVE ORDER**

*Initiate immediate resuscitative care: “A-B-C-D-E”*
- Confirm Pulseless Arrest
- Compressions at a Rate of 110 BPM (15:2)
- OPA and BVM 100% Oxygen (Target Ventilation Rate: 12-20)
- Initiate IV/IO Access

**Rule Out Foreign Body Airway Obstruction**

≤ 8 - Do NOT Intubate

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**VFib/VTach**

- **Defibrillate** 2J/kg
- **Rescued CPR**

Within 4 minutes of arrival:
- **Epinephrine** 0.01mg/kg (max 1mg) IV/IO
  - Follow with 10ml NS Flush

- **Perform rhythm check every 2 minutes, shock if indicated**

- **Defibrillate** 4J/kg
  - **Subsequent Shocks:**
    - 6J/kg, 8J/kg, 10J/kg (Max total joules for any shock is 200j)

If patient remains in V-fib after 1st shock and 1st Epi dose:
- **Amiodarone*** 5mg/kg (max 300mg) IV/IO
  - Follow with 10ml NS Flush

After 4 rounds (8 minutes)
- **Epinephrine** 0.01mg/kg (max 1mg) IV/IO
  - Follow with 10ml NS Flush
- Compressions with BVM (15:2)
- **≤ 8 - Do Not Intubate**
- ≥ 9 - Obtain advanced Airway (with ETCO2 and ventilate every 6 seconds)
- Consider H’s & T’s
- If persistent V-fib, administer **Amiodarone*** 5mg/kg (max 150mg) IV/IO

Transport after 20 total minutes of on scene resuscitation OR transport immediately if ROSC obtained

**Asystole/PEA**

- **Within 4 minutes of arrival**
  - **Epinephrine** 0.01mg/kg (max 1mg) IV/IO
  - Follow with 10ml NS Flush

- **Perform rhythm check every 2 minutes, shock if indicated**

After 4 rounds (8 minutes)
- **Epinephrine** 0.01mg/kg (max 1mg) IV/IO
  - Follow with 10ml NS Flush
- Compressions with BVM (15:2)
- Consider H’s & T’s

Transport after 20 total minutes of on scene resuscitation OR transport immediately if ROSC obtained

**Special Notes:**

- Max Epi – 2 doses
- No Bicarb to be given

*May use Lidocaine in place of Amiodarone:
- **Lidocaine** 1st dose 1mg/kg (max 100mg) IV
- **Lidocaine** 2nd dose 0.5mg/kg (max 50mg) IV

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**Transport patient to a Pediatric Care Facility (BUMC or TMC)**

Pediatric Cardiac Arrest AO, unit number, patient age, gender, color chart utilized, and ETA to receiving facility.