

Stabilize the patient with special attention to ABC's. Continue monitoring patient after treatment and treat underlying cause.

Most common cause of bradycardia is respiratory insufficiency, failure. Give oxygen early.

General

EMT

AEMT

Paramedic

Routine Transport Orders-Pediatric

Pediatric Airway Protocol

Cardiac Monitor

Poor perfusion
Decreased blood pressure
Respiratory insufficiency

No

Monitor and reassess

Yes

Pediatric IV/IO

Heart rate < 60 child? / Heart rate < 60 Infant?
Ensure adequate airway

CPR

Epinephrine 1:10,000 0.1 ml/kg IVP, IO Maximum 10 ml

Repeat every 3 - 5 minutes

Epinephrine 1:1,000 ET dose: 0.1 ml/kg Maximum 1 ml

Atropine 0.02 mg/kg IVP, IO Minimum dose 0.1 mg / Maximum single dose 0.5 mg

No Pulse

Reassess

Pulse

Pediatric Pulseless Arrest

Protocol

Consider
Normal Saline Bolus

20 ml/kg

Consider

External Transcutaneous Pacing

for sedation

Midazolam (Versed)

0.1 mg/kg IVP, IO, IN

Maximum 2 mg per dose

Consider use of:
**Generic Pediatric
Emergency Tape**

Dysrhythmias in children are uncommon. Causes are usually not cardiac related. Watch for signs of decreased cardiac output.

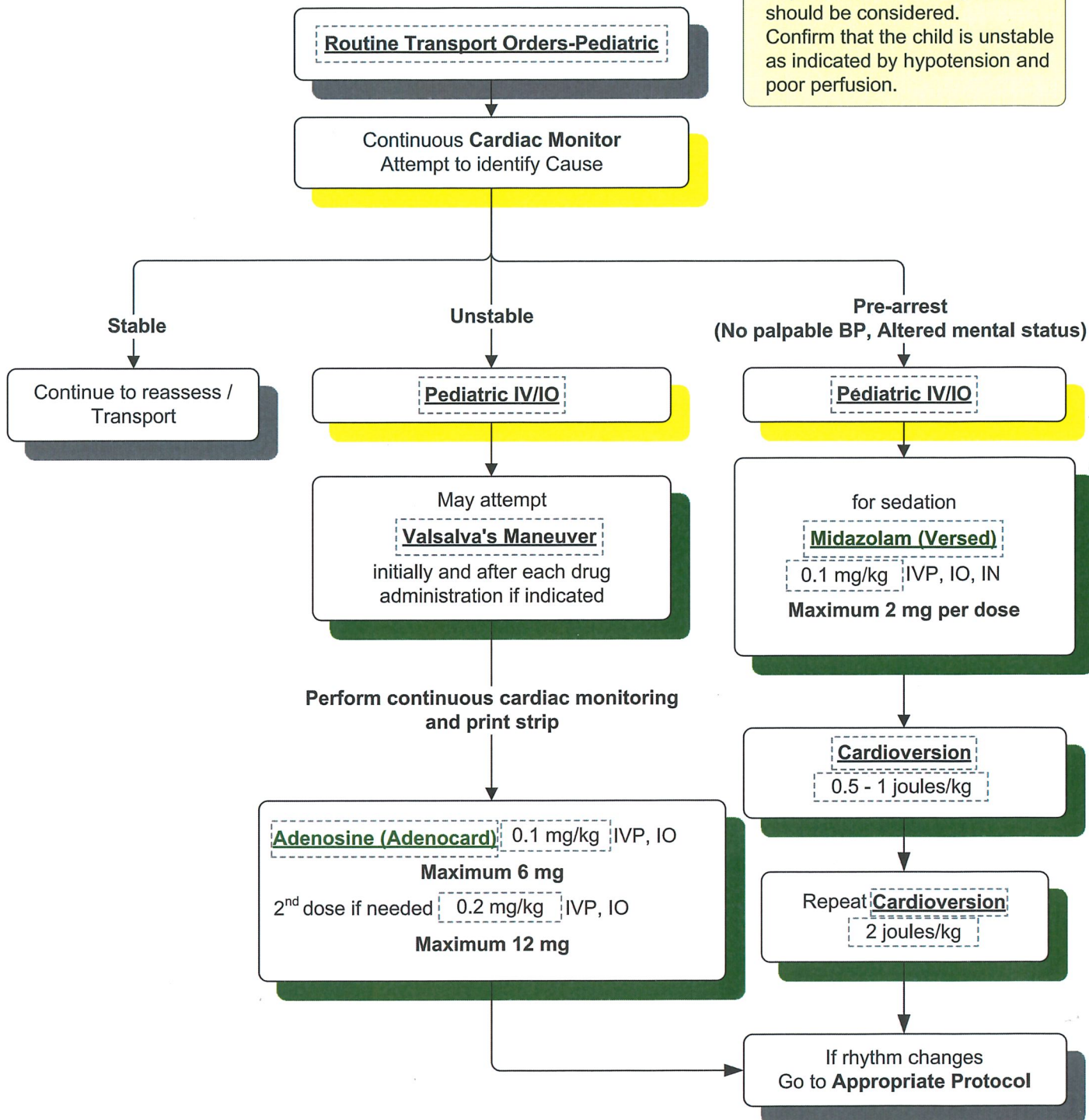
If history of heart (cardiac) problems and rate is greater than 220 bpm for infants or 180 bpm for children, then Supraventricular Tachycardia should be considered. Confirm that the child is unstable as indicated by hypotension and poor perfusion.

General

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AEMT

Paramedic



Attempt Defibrillation early.
Perform CPR immediately after
Defibrillation.

Routine Transport Orders-Pediatric

CPR x 2 minutes
(CPR should be continued for 2
minutes after every defibrillation)

Cardiac Monitor

Possible Causes of Asystole / PEA:

- Hypoxemia
- Hypothermia
- Hypoglycemia
- Hypokalemia
- Hyperkalemia
- Acidosis
- Volume Depletion
- Tension Pneumothorax

General

EMT

AEMT

Paramedic

Consider use of:
**Generic Pediatric
Emergency Tape**

V-Fib / Pulseless V-Tach

Defibrillation

2 joules/kg

CPR x 2 min.

Pediatric IV/IO

Epinephrine 1:10,000 0.1 ml/kg IVP, IO

Repeat every 3 - 5 minutes

Maximum 10 ml

Defibrillation

4 joules/kg

CPR x 2 min.

Amiodarone (Cordarone) 5 mg/kg IVP, IO

Maximum 300 mg

May repeat x 1 Maximum 150 mg

Defibrillation

4 joules/kg

CPR x 2 min.

Sodium Bicarbonate 8.4% 1 mEq/kg IVP, IO

Sodium Bicarbonate not indicated in
children < 5 kg (11 lbs.)

Continue CPR,
Epinephrine, Defibrillation

Asystole / PEA

Pediatric IV/IO

Epinephrine 1:10,000 0.1 ml/kg IVP, IO

Repeat every 3 - 5 minutes

Maximum 10 ml (per dose)

Epinephrine 1:1,000

ET dose 0.1 ml/kg

Maximum 1 ml

Identify Cause:

Hypoglycemia- **Dextrose 10% (D10)** 5 ml/kg IVP, IO

boluses until patient awake &/or follow up blood sugar > 60 mg/dl

Maximum 100 ml

Hypovolemia- NS Fluid Bolus 20 ml/kg

Hypoxia- Oxygenation, ventilation

Hypothermia-

Tension Pneumothorax- **Needle Decompression**