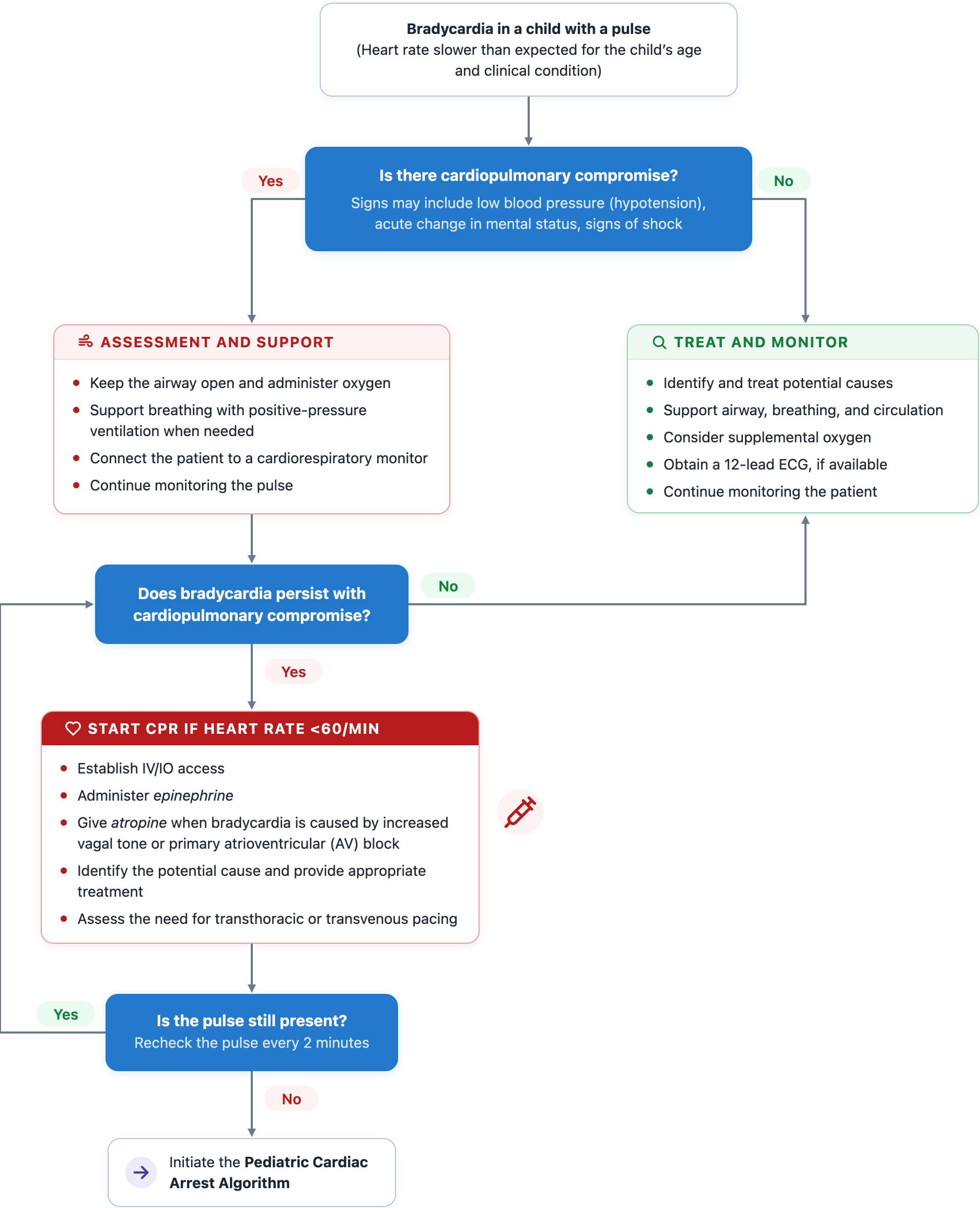


Pediatric Bradycardia With a Pulse Algorithm



MEDICATION DOSING

- **Epinephrine IV/IO:**
 - Give 0.01 mg/kg using the 0.1 mg/mL solution
 - Do not exceed 1 mg per dose
- **Atropine IV/IO:**
 - Give 0.02 mg/kg; repeat once if needed
 - Minimum dose: 0.1 mg
 - Maximum single dose: 0.5 mg

POTENTIAL CAUSES

- **Hypoxia:** inadequate tissue oxygenation
- **Hypothermia:** abnormally low core body temperature
- **Hypoglycemia:** low blood glucose
- **Hypotension or shock**
- **Inadequate ventilation**
- **Drug effects or toxic exposure**
- **Raised intracranial pressure:** increased pressure inside the skull
- **Increased vagal tone:** vagus nerve activity that slows the heart rate
- **Heart block:** delayed or blocked electrical conduction between the atria and ventricles
- **Sinus node dysfunction:** impaired function of the heart's natural pacemaker