

# Pediatric Palpitations

For any patient complaint of palpitations (e.g., rapid heart rate beat, skipped beats, chest fluttering) with normal rate and rhythm on the ECG

### History

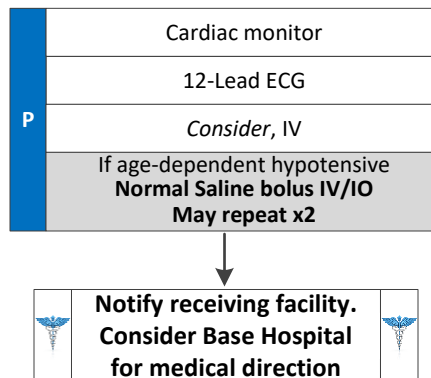
- Age
- Past medical history
- Medications (e.g., Theophylline, Adderall, diet pills, thyroid supplements, decongestants, and Digoxin)
- Diet (caffeine)
- Drugs (e.g., nicotine and illegal drugs; withdrawal)
- History of palpitations/SVT
- Frequency of heart beat irregularity

### Signs and Symptoms

- Anxiety
- Irregular heart beat
- O<sub>2</sub> sat > 92%
- Jittery
- Heart rate < 120
- Normotensive blood pressure
- Normal mental status
- Potential presenting rhythm:
  - Atrial/sinus tachycardia
  - Atrial fibrillation/flutter

### Differential

- PVC/PAC
- A-Fib/A-Flutter
- Electrolyte imbalance
- Exertion, pain, or emotional stress
- Fever
- Hypovolemia or anemia
- Drug effect/overdose (see **History**)
- Hypoxia
- Congenital heart disease



### Pearls

- If the patient has an identifiable dysrhythmia (e.g., narrow or wide complex tachycardia), exit to appropriate treatment protocol.
- For ASYMPTOMATIC patients (or those with only minimal symptoms, such as palpitations) and any tachycardia with a rate of approximately 100 – 120 with a normal blood pressure, consider CLOSE OBSERVATION or fluid bolus rather than immediate treatment with an anti-arrhythmic medication.