
Adenosine (Adenocard)

Protocols:

1. Tachycardia (Adult and Pediatric)


Indications:

1. Specifically for treatment of Supraventricular Tachycardia.
2. Consider for regular or wide complex tachycardia.

Contraindications:

1. Sick sinus syndrome
2. Hypersensitivity to adenosine
3. 2nd or 3rd degree heart block

Dosing:

1. Adult
 - a. 6 mg rapid IV/IO push over 1-3 seconds
 - b. Repeat at 12 mg after 1-2 minutes, if no conversion
 - c. Medication should be followed by a rapid 30 ml NS bolus
-  2. Pediatric
 - a. 0.1 mg/kg IV/IO rapid bolus. (Max dose 6 mg)
 - b. Repeat at 0.2 mg/kg after 2 minutes (Max dose 12 mg)
 - c. Medication should be followed by rapid 5-10 ml NS flush

Expected Effects:

1. Slowed conduction through the AV node
2. Conversion to NSR

Side Effects:

1. Hypotension
2. Flushing
3. Dyspnea
4. Light-headedness
5. Nausea