

## Michigan **MEDICATIONS ADENOSINE**

Section 09-12 Revised Date:

# 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. 2<sup>nd</sup> or 3<sup>rd</sup> 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

MCA Name: Genesee County MCA Board Approval Date: 03/21/2018 MCA Implementation Date: 06/01/2018 Protocol Source/References: