Medication Formulary

**Generic Name:** Adenosine

**Brand Name:** Adenocard

**Class:** Endogenous nucleoside, antidysrhythmic.

**Actions:** Decreases electrical conduction through the AV node. Blocks some vagal stimulation.

**Onset:** Immediate

**Duration:** 10-15 seconds

**Indications:** Diagnosis and treatment of Supraventricular Tachycardia

**Contraindications:** Hypersensitivity, Second or third degree AV heart block or sick sinus syndrome. Adenosine is ineffective in the treatment of Atrial Fibrillation/Flutter or Ventricular Tachycardia.

**Side Effects:** Vertigo, lightheadedness, headache, diaphoresis, palpitations, chest pain, hypotension, dyspnea, sinus bradycardia/pause, ventricular ectopy, nausea, metallic taste.

**Interactions:** Caffeine and Aminophylline may antagonize the effects of Adenosine. Persantine and Tegretol potentiate Adenosine.

**Administration Routes:** IV, IO