

ADENOSINE (ADENOCARD®)

THERAPEUTIC EFFECTS	Slows conduction through the AV node and can interrupt reentry pathways through the AV node.
INDICATIONS	Conversion to sinus rhythm of Paroxysmal Supra Ventricular Tachycardia (PSVT). This includes the initial diagnosis and treatment of stable, undifferentiated, regular, monomorphic wide complex tachycardia and excludes known Wolf Parkinson White syndrome.
CONTRAINDICATIONS	<ul style="list-style-type: none"> ✓ Second or third degree AV block ✓ Sick sinus syndrome ✓ Hypersensitivity to adenosine.
PRECAUTIONS/SIDE EFFECTS	May exacerbate asthma . Should only be used during pregnancy if clearly needed. May cause hypotension, facial flushing, dyspnea, light headedness, or nausea. Reduce initial dose to 3 mg in patients receiving Persantine (dipyridamole), Carbamazepine, Aggrenox, and heart transplant patients.
ADULT DOSAGE/ROUTE	6 mg, rapid IV bolus. Follow with a rapid 20cc fluid bolus. Second dose of 12 mg rapid IV bolus may be given after 2 minutes, if needed. Follow with a rapid 20cc NS bolus. A large (antecubital) vein may be more appropriate for administration.
PEDIATRIC DOSAGE/ROUTE	0.1 mg/kg, rapid IV bolus. Maximum dose of 6 mg. Follow immediately with 5–10 ml NS flush. Second rapid IV bolus 0.2 mg/kg may be given after 2 minutes. Maximum dose 12 mg. Follow immediately with 5–10 ml NS flush. A large (antecubital) vein may be more appropriate for administration. All pediatric administration of this medication requires receiving physician's permission.