
ILLINOIS REGION 3 PROTOCOLS

ADENOSINE (ADENOCARD)	
CLASS	Antiarrhythmic; nucleoside
ACTION	<ul style="list-style-type: none"> ▪ Slows the heart rate by slowing conduction through the AV node. Blocks re-entry pathways in supraventricular tachycardias.
INDICATIONS	Narrow complex tachycardias; Supraventricular tachycardias (SVT)
CONTRAINDICATIONS	Second or third degree heart block, sick sinus syndrome, hypersensitivity to the drug
PRECAUTIONS	Can produce bronchoconstriction in asthma patients.
SIDE EFFECTS	<p>Side effects are usually brief due to the short half life of the drug.</p> <ul style="list-style-type: none"> ▪ Conversion arrhythmias ▪ Facial flushing ▪ Headache ▪ Shortness of breath ▪ Dizziness ▪ Lightheadedness ▪ Nausea ▪ Chest pain
ROUTE	Rapid IV bolus over 1-2 seconds via antecubital IV site. Follow each dose with 10 to 20 mL flush of normal saline and raise the arm.
DOSE	<ul style="list-style-type: none"> ▪ Initial dose = 6 mg ▪ Second dose of 12 mg in 1-2 minutes if rhythm does not convert ▪ Repeat 12 mg dose again in 1-2 minutes if rhythm does not convert
PEDIATRIC DOSE	<ul style="list-style-type: none"> ▪ 0.1 mg/kg very rapidly at closest central IV injection site ▪ Repeat dose is 0.2 mg/kg ▪ Maximum single dose = 12 mg ▪ Utilize Broselow tape or pediatric weight based dosing chart to confirm dose. ▪ Reference policy PED-5
ONSET	Immediate
DURATION	1-2 minutes
STOCK	(5) 6 mg/2 mL vials