**DRUG:** ADENOSINE  

**PRESENTATION:** Vial: 6mg/2mL  

**ACTION & INDICATION:** Supraventricular tachycardia  
Slows AV node conduction and atrial automaticity. No effect on atrial flutter or fibrillation. No effect on ventricular muscle.  

**DOSE:** Initial dose: 100 microgram/kg  
Increase dose in 50 microgram/kg increments every 2 minutes until return of sinus rhythm.  
Maximum dose: 300 microgram/kg/dose  

**PREPARATION:** For doses less than 0.2mL (600 microgram) solution may be diluted.  
Diluent: 0.9% Sodium chloride  
Take 1mL and dilute to 10mL  
= 300 microgram / 1mL  

**ADMINISTRATION:** Rapid IV bolus over 1 to 2 seconds  
Follow with rapid sodium chloride 0.9% flush  

**ADVERSE EFFECTS:** Flushing, dyspnoea, irritability, transient arrhythmias, bradycardia, bronchial constriction.  
Contraindicated in 2nd or 3rd degree AV block or sick sinus syndrome.  

**COMMENTS:** Monitor, and obtain ECG strip during administration.  
Effect diminished by interaction with caffeine.  
Discard vial immediately after use  

**REFERENCES:** BNF for Children November 2013  
Pediatric Dosage Handbook 17th Ed 2010  

**DATE:** August 2013