



NEONATAL MEDICATION PROTOCOLS

ADENOSINE
Created by: NCCU
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NCCU Clinical Guidelines
KEMH/PMH
Perth, Western Australia

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 2 nd or 3 rd 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 17 th Ed 2010
DATE:	August 2013