



NEONATAL MEDICATION PROTOCOLS

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

DRUG:	ATROPINE SULPHATE
PRESENTATION:	Ampoule: 600 microgram/mL
ACTION & INDICATION:	Anticholinergic agent used for: <ul style="list-style-type: none"> • Pre-anaesthetic medication: to inhibit excessive salivary and bronchial secretions and to diminish the risk of vagal inhibition of the heart. • Sinus bradycardia, AV block.
DOSE:	Premedication IM: 10 - 20 microgram/kg/dose IV: 10 - 30 microgram/kg/dose Oral: 40 microgram/kg/dose two hours before induction. Bradycardia IV or IM: 10 – 30 microgram/kg/dose
PREPARATION:	Dilute 1mL (600microgram) with 5mL Water for Injections =600 microgram in 6mL =100 microgram / mL
ADMINISTRATION:	Intramuscular: Site as per NCCU policy Intravenous : Over 1 minute Dose may be repeated every 10 - 15 minutes to achieve desired effect. Maximum total dose 40 microgram/kg Oral
ADVERSE EFFECTS:	Arrhythmias, tachycardia Hyperthermia Urinary retention Do not give to febrile infant - risk of provoking hyperthermia.
COMMENTS:	Reserve use of atropine for patients unresponsive to improved oxygenation and adrenaline
REFERENCES:	BNF for Children 2013 Pediatric Dosage Handbook 17 th Ed Neofax 2012
DATE:	August 2013