



NEONATAL MEDICATION PROTOCOLS

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

DRUG:	PANCURONIUM
PRESENTATION:	Ampoule: 4mg/2mL
ACTION & INDICATION:	Non-depolarising neuromuscular blocking agent to facilitate mechanical ventilation.
DOSE:	Initial dose: 100-150 microgram/kg/dose Repeat after 3 minutes as required and as necessary to establish and maintain relaxation using spontaneous movement to judge if baby is not well relaxed. Timing of further doses may vary from 30 minutes to 8 hours. Onset of action: 1-3 minutes post injection
PREPARATION:	Diluent: Water for Injections, 0.9% Sodium Chloride Draw up contents of ampoule and dilute to 10mL = 4000 microgram/10mL = 400 microgram/mL
ADMINISTRATION:	Intravenous or umbilical arterial injection over 30 seconds.
ADVERSE EFFECTS:	Increased heart rate or cardiac output. Raised mean arterial pressure. Masking of convulsions.
COMMENTS:	Effect increased by: gentamicin, tobramycin, diazepam, hypokalaemia, hypocalcaemia, acidosis, dehydration. Effect decreased by: potassium chloride, sodium chloride, hypothermia. Antidote: neostigmine 50 microgram/kg and atropine 20 microgram/kg. Refrigerate ampoule. Discard reconstituted solution immediately after use
REFERENCES:	Paediatric Pharmacopoeia 13 th Ed Royal Children's Hospital Melbourne Neofax 2013
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