



NEONATAL MEDICATION PROTOCOLS

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

DRUG:	MIDAZOLAM
PRESENTATION:	Ampoule: 5mg/5mL (1000microgram/mL) (KEMH only) 15mg/3mL (5000microgram/mL) (PMH only) Oral Solution : 2.5mg/mL (2500 microgram/mL)
ACTION & INDICATION:	Midazolam is a short acting sleep-inducing agent for; <ul style="list-style-type: none"> • short procedures, • induction of anaesthesia and • for the prolonged sedation of ventilated patients. It enhances the central sedative effects of tranquillisers, narcotics, analgesics, and anaesthetics.
DOSE:	<u>Oral:</u> 200 - 500 microgram/kg/dose 4 - 8 hourly <u>IV:</u> <u>Intermittent dosing:</u> 100-200 microgram/kg/dose 4-8 hourly <u>Continuous infusion:</u> 1-2 microgram/kg/minute.
PREPARATION:	Use solution prepared in Pharmacy if available. Diluent: 0.9% Sodium chloride or Glucose solutions. <u>For infusion:</u> To give a dose of 1microgram /kg/min when infused at 1mL/hr Take 3mg of midazolam per kilogram of baby's weight and dilute to 50mL If a different concentration is required, refer to the Calculation of Drug Infusion table.
ADMINISTRATION:	Oral: May be given at any time with regard to feeds. Intravenous over at least 5 minutes Intravenous infusion
ADVERSE EFFECTS:	Observe for apnoea, respiratory depression, obtundation, impaired conscious state.
COMMENTS:	May be used in conjunction with morphine Antidote: Flumazenil (see monograph)
REFERENCES:	Neonatal Pharmacopoeia 2 nd Ed RWH Neofax 2013 BNF for Children 2012
DATE:	September 2013