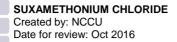


Neonatology Clinical Care Unit (NCCU)
King Edward Memorial Hospital & Princess Margaret Hospital

NEONATAL MEDICATION PROTOCOLS



NCCU Clinical Guidelines KEMH/PMH Perth, Western Australia

DRUG:	SUXAMETHONIUM CHLORIDE
PRESENTATION:	Ampoule: 100mg/2mL
ACTION & INDICATION:	Skeletal muscle relaxant used for brief procedures (eg endotracheal intubation).
DOSE:	1 - 2mg/kg/dose
	A test dose of 0.1mg/kg IV may be given to determine patient response.
PREPARATION:	Withdraw 1mL from ampoule. Dilute it to 5 mL with 0.9% Sodium Chloride = 10 mg/mL
ADMINISTRATION:	IV: over 10 – 30 seconds
ADVERSE EFFECTS:	An IV bolus may result in profound bradycardia or asystole. This response is more common with repeated doses.
	Hypertension, hypotension, hyperkalaemia, bradycardia. Pretreatment with atropine may reduce risk of bradycardia and cardiac arrest.
	Malignant hyperthermia – continuous infusion considered unsafe in neonates.
	Dantrolene IV is the drug of choice to treat malignant hyperthermia.
	Seek Specialist advice.
COMMENTS:	A protocol for intubation of term infants includes Suxamethonium
	2mg/kg/dose produces 5-10 minutes paralysis
	Discard diluted solution immediately after use Ampoules stored 2 - 8°C
REFERENCES:	Paediatric Pharmacopoeia 13 th Ed Royal Children's Hospital Melbourne
	BNF for Children 2013
DATE:	October 2013