

NEONATAL MEDICATION PROTOCOLS

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

DRUG:	AMOXYCILLIN			
PRESENTATION:	Vial:	500mg and 1g		
	Oral Suspension:	250mg/5mL 100mg/mL (KEMH only)		
ALERTS & RESTRICTIONS	Antimicrobial Restriction: Category A GREEN Unrestricted			
ACTION & INDICATION:	Moderate spectrum penicillin antibiotic For treatment of sensitive organisms including <i>Listeria monocytogenes</i> and group B Streptococci			
DOSE:	<u>Infections due to susceptible organisms</u>			
	Corrected Gestational Age	Postnatal Age	Dose	Frequency
	All ages	< 7 days	50mg/kg/dose	12 hourly
		≥ 7 days	50mg/kg/dose	8 hourly
	<u>Meningitis</u>			
	Corrected Gestational Age	Postnatal Age	Dose	Frequency
All ages	< 7 days	100mg/kg/dose	12 hourly	
	≥ 7 days	100mg/kg/dose	8 hourly	
PREPARATION:	<p>Diluent: Water for Injections</p> <p>IV: Add 4.6mL of diluent to 500mg vial = 100mg/mL Add 9.2mL of diluent to 1g vial =100mg/mL</p> <p>IM: Add 1.6mL of diluent to 500mg vial = 250mg/mL Add 3.2mL of diluent to 1g vial =250mg/mL</p> <p>Oral 100mg/mL: Add 13mL of Water for Irrigation to the powder for suspension in the bottle</p> <p>Oral 250mg/5mL: Please check brand before reconstituting mixture Sandoz brand: Add 92mL of Water for Irrigation to the powder for suspension in the bottle.</p>			
ADMINISTRATION:	<p>IV Injection: Inject over 3-5 minutes.</p> <p>IM Injection: As per NCCU policy</p> <p>Oral: May be given at any time with regard to feeds.</p>			
ADVERSE EFFECTS:	<p>Vomiting, diarrhoea</p> <p>Urticaria</p> <p>Anaemia, Thrombocytopenia purpura</p> <p>Phlebitis</p>			
COMMENTS:	<p>IV aminoglycoside antibiotics are inactivated by IV cephalosporins, penicillins and teicoplanin. Do not give simultaneously.</p> <p>Discard reconstituted vial immediately after use.</p> <p>Store reconstituted oral suspension in refrigerator. Discard after 14 days.</p>			
REFERENCES:	<ul style="list-style-type: none"> • Paediatric Pharmacopoeia 13th Ed Royal Children's Hospital Melbourne • Red Book 2012 • Guy & St Thomas' Paediatric Formulary 6th Edition 2012 • Neofax 2014 			