

NEONATAL MEDICATION PROTOCOLS

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

DRUG:	AMPHOTERICIN (FUNGIZONE)
PRESENTATION:	Do not confuse with liposomal amphotericin Infusion solution from Pharmacy Vial: 50mg
ACTION & INDICATION:	Antifungal agent used to treat systemic fungal infections.
DOSE:	0.5-1mg/kg/dose 24 hourly
PREPARATION:	Use solution supplied by pharmacy. To dilute vial: 1. Add 10mL water for injection = 5mg/mL 2. Prepare buffered glucose solution. Add 0.6mL from potassium dihydrogen phosphate and dipotassium hydrogen phosphate concentrated injection to Glucose 5% 100mL bag. 3. Withdraw 10mL from glucose bag and discard 4. Add 2mL from diluted amphotericin vial to bag = 1mg /10 mL Solution can be heparinised (0.5 units/mL).
ADMINISTRATION:	Intravenous infusion: Infuse over 6 hours. Flush the line after infusion with Buffered Glucose 5% (if available from pharmacy) or Glucose 5% (Do not use sodium chloride – causes precipitation)
ADVERSE EFFECTS:	Nephrotoxicity – monitor renal function Mild anaemia Hypokalaemia Chills, fever Vomiting, diarrhoea
COMMENTS:	SAS approval must be obtained for use of this medication Do not filter Protect from light Discard vial immediately after use
REFERENCES:	Paediatric Pharmacopoeia 13 th Ed. Royal Children’s Hospital Melbourne BNF for Children 2013
DATE:	May 2014