



NEONATAL MEDICATION PROTOCOLS

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

DRUG	AZITHROMYCIN
PRESENTATION:	Vial: 500mg Mixture: 40mg/mL
ACTION & INDICATION:	Azalide antibiotic (macrolide subclass). For treatment of susceptible organisms including <i>Bordetella pertussis</i> , <i>Mycoplasma</i> , <i>Chlamydia</i> , Gram positive and Gram negative cocci
DOSE:	IV: 5mg /kg /dose once daily ORAL: 10mg /kg /dose once daily for 5 days (Pertussis infections) 20mg /kg /dose once daily for 3 days (<i>Chlamydia trachomatis</i> , conjunctivitis, pneumonitis)
PREPARATION:	Diluent:: Water for Injections Intravenous: Add 4.8mL diluent to vial = 100mg/mL Take 0.5mL (50mg) of the above solution and dilute to 50mL with Sodium Chloride 0.9%, Glucose, or Glucose/Saline solutions = 1mg/mL ORAL: Add 9mL water to bottle. Shake well
ADMINISTRATION:	IV: Infuse over at least 60 minutes ORAL: Give on empty stomach
ADVERSE EFFECTS:	Diarrhoea, vomiting, blood in stool Irritability Rash Pyloric stenosis Must be diluted to 2mg/mL or less. Higher concentrations may cause local IV site reactions
COMMENTS:	Limited data in neonates Use with caution in impaired hepatic function or severe renal dysfunction. Discard reconstituted vial immediately after use Store oral solution below 30°C. Discard after 10 days.
REFERENCES:	Neofax 2012
DATE:	August 2013