

NEONATAL MEDICATION PROTOCOLS

DRUG:	BENZYL PENICILLIN (PENICILLIN-G)
PRESENTATION:	Vial: 600mg
ALERTS & RESTRICTIONS	Antimicrobial Restriction: Category A GREEN Unrestricted
ACTION & INDICATION:	Antibiotic for treatment of susceptible organisms including Group B Streptococci, non- β lactamase – producing congenital syphilis
DOSE:	<p>< 7 days 50 mg/kg/dos 12 hourly</p> <p>\geq 7 days 50mg/kg/dose 8 hourly</p> <p>For GBS septicaemia, meningitis</p> <p>< 7 days 50mg/kg/dose 12 hourly</p> <p>\geq 7 days 50mg/kg/dose 6 hourly</p> <p>Congenital syphilis (discuss with microbiology):</p> <p>50mg/kg/dose 12 hourly</p> <p>Discuss with microbiology re: treatment duration in all cases:</p> <ul style="list-style-type: none"> • Asymptomatic, normal CSF • Symptomatic
PREPARATION:	<p>Use solution prepared by Pharmacy if available</p> <p>Diluent: Water for Injections</p> <p>IV: Add 5.6mL diluent to vial = 100mg/mL</p> <p>IM: Add 1.6mL diluent to vial = 300mg/mL</p>
ADMINISTRATION:	<p>IV Injection: Over 3-5 minutes</p> <p>IM Injection: As per NCCU policy</p>
ADVERSE EFFECTS:	<p>Hypersensitivity, rash</p> <p>Diarrhoea</p> <p>Seizures with high doses</p> <p>Haemolytic anaemia</p>
COMMENTS:	<p>Discard reconstituted solution immediately after use</p> <p>IV Aminoglycosides are inactivated by IV Penicillins and Cephalosporins.</p> <p>If both are prescribed, flush the line well with Sodium Chloride 0.9% before and after giving each medication.</p>
REFERENCES:	<p>BNF for Children 2014</p> <p>Neofax 2014</p> <p>Australian Injectable Drugs Handbook 6th Edition</p>