## DRUG:
BENZYLPENICILLIN (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:
- **< 7 days** 50 mg/kg/dose 12 hourly
- **≥ 7 days** 50mg/kg/dose 8 hourly

**For GBS septicaemia, meningitis**
- **< 7 days** 50mg/kg/dose 12 hourly
- **≥ 7 days** 50mg/kg/dose 6 hourly

**Congenital syphilis (discuss with microbiology):**
50mg/kg/dose 12 hourly

Discuss with microbiology re: treatment duration in all cases:
- Asymptomatic, normal CSF
- Symptomatic

### PREPARATION:
Use solution prepared by Pharmacy if available

- **Diluent:** Water for Injections
- **IV:** Add 5.6mL diluent to vial = 100mg/mL
- **IM:** Add 1.6mL diluent to vial = 300mg/mL

### ADMINISTRATION:
**IV Injection:** Over 3-5 minutes
**IM Injection:** As per NCCU policy

### ADVERSE EFFECTS:
Hypersensitivity, rash
Diarrhoea
Seizures with high doses
Haemolytic anaemia

### COMMENTS:
Discard reconstituted solution immediately after use
IV Aminoglycosides are inactivated by IV Penicillins and Cephalosporins.
If both are prescribed, flush the line well with Sodium Chloride 0.9% before and after giving each medication.

### REFERENCES:
BNF for Children 2014
Neofax 2014
Australian Injectable Drugs Handbook 6th Edition