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| DRUG: | CEFTRIAZONE |
| ALERTS & RESTRICTIONS: | <u>Antimicrobial Restriction- Restricted</u> |
| PRESENTATION: | Vial: 1g |
| ACTION & INDICATION: | Third generation cephalosporin Used to treat infections caused by susceptible organisms Active against both gram negative and gram positive organisms with the exception of Pseudomonas species, enterococci |
| DOSE: | 50mg/kg/dose 24 hourly Meningitis: 100mg/kg loading dose, then 80mg/kg every 24 hours |
| PREPARATION: | Use solution prepared in Pharmacy if available. <u>Intravenous:</u> Diluent: Water for Injections Add 9.6mL diluent to 1g vial = 100mg/mL <u>Intramuscular:</u> Diluent: Lignocaine 1% injection Add 3.6mL or 2.4mL =250mg/mL ≈350mg/mL |
| ADMINISTRATION: | Intramuscular: As per NCCU policy. Very painful, avoid if possible Intravenous: Infuse over 30 minutes via syringe pump, or slow IV push. |
| ADVERSE EFFECTS: | Do not use with calcium containing solutions as precipitate may form Displaces bilirubin from serum albumin. Use with caution in neonates with hyperbilirubinaemia. Diarrhoea, eosinophilia, neutropenia Rash, colitis |
| COMMENTS: | Discard reconstituted solution immediately after use Ceftriazone is incompatible with calcium and should not be reconstituted, admixed or infuse simultaneously with any calcium-containing solution via a Y-site. |
| REFERENCES: | Pediatric and Neonatal Dosage Handbook 21 st Edition 2014 Australian Medicines Handbook Children's Dosing Companion 2016 |