<table>
<thead>
<tr>
<th><strong>DRUG:</strong></th>
<th><strong>CEFTRIAXONE</strong></th>
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</thead>
<tbody>
<tr>
<td><strong>ALERTS &amp; RESTRICTIONS:</strong></td>
<td>Antimicrobial Restriction- Restricted</td>
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<tr>
<td><strong>PRESENTATION:</strong></td>
<td>Vial: 1g</td>
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</table>
| **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.  
**Intravenous:**  
Diluent: Water for Injections  
Add 9.6mL diluent to 1g vial  
= 100mg/mL  
**Intramuscular:**  
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  
Ceftriaxone 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 21st Edition 2014  