**CEFTRIAXONE (Rocephin) (B1)**
(Revised: January 2014)

**TYPE:** 3rd generation cephalosporin antibiotic [S4]

**PRESENTATION:** 1g ceftriaxone powder for reconstitution – vial

**ACTIONS:**
1. Broad spectrum antibiotic – especially effective against gram-negative bacteria (eg. meningococcus)
2. Effective crossing of blood-brain barrier

**USE:**
- **ICP** Suspected meningococcal disease, in acutely ill patients
- **AP**

**ADVERSE EFFECTS:**
1. Hypersensitivity reactions (not common)
2. Diarrhoea
3. Skin rash

**CONTRA-INDICATION:** Known sensitivity to cephalosporins

**PRECAUTION:** It is possible that 20% patients with a penicillin allergy may be sensitive to ceftriaxone

**DOSE:**

**ADULT and PAEDIATRIC:**

<table>
<thead>
<tr>
<th>ICP</th>
<th>ADULT and PAEDIATRIC:</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>ICP</strong></td>
<td>50mg/kg, to a total of 2g – IV preferred.</td>
</tr>
<tr>
<td></td>
<td>Make up to 10ml with normal saline – give slowly over 2 – 4 minutes.</td>
</tr>
<tr>
<td></td>
<td>May be administered IM – give two injections if dose over 1g (i.e. over 3ml volume)</td>
</tr>
<tr>
<td></td>
<td><strong>AP</strong></td>
</tr>
<tr>
<td><strong>ICP</strong></td>
<td>May also be given IO if no IV available</td>
</tr>
</tbody>
</table>

**SPECIAL NOTE:**
an incident report should be submitted to QSRM if ceftriaxone is administered.