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| <b>DRUG:</b>                     | <b>ERYTHROMYCIN (ANTIMICROBIAL INDICATION)</b>  |
| <b>PRESENTATION:</b>             | Oral suspension : 400mg/5mL<br>Vial: 1g   |
| <b>ACTION &amp; INDICATION :</b> | Broad spectrum macrolide antimicrobial agent for the treatment of sensitive organisms including Chlamydia trachomatis, Mycoplasma and Ureaplasma.   |
| <b>DOSE :</b>                    | <u>Preterm and first week of life</u><br>10 mg/kg/dose 12 hourly<br><u>2- 4 weeks</u><br>10 mg/kg/dose 8 hourly<br><u>≥5 weeks</u><br>12.5mg/kg/dose 6 hourly   |
| <b>PREPARATION:</b>              | <u>Intravenous</u><br>Diluent: Water for Injections<br>Add 18.2 mL of Water for Injections to 1g vial<br>= 50mg/mL<br><br>Take 1 mL of the above solution and dilute it to 5 mL with Water for Injections or 0.9% Sodium chloride ( <b>do not use Glucose solutions</b> )<br>= 10 mg/mL<br><br><u>Oral Suspension 400mg/5mL:</u> Add 77mL of Water for Irrigation to the powder in the bottle.<br><br>For small oral doses the oral suspension may be further diluted - eg Take 0.5mL and dilute to 4mL<br>=10mg/mL |
| <b>ADMINISTRATION:</b>           | Intravenous: Infuse over 30 – 60 minutes via syringe pump.<br>Oral: May be given at any time with regard to feeds.  |
| <b>ADVERSE EFFECTS:</b>          | Pain on injection, phlebitis<br>Bradycardia, hypotension<br>Gastric irritation<br>May increase serum levels of digoxin, theophylline, carbamazepine<br>May Increase the risk of infantile hypertrophic pyloric stenosis if used for more than two to three weeks.   |
| <b>COMMENTS:</b>                 | Discard reconstituted vial immediately after use.<br><br>Store reconstituted oral suspension in refrigerator. Discard after 10 days.  |
| <b>REFERENCES:</b>               | Paediatric Pharmacopoeia 13 <sup>th</sup> Ed Royal Children's Hospital Melbourne<br>BNF for Children 2009   |
| <b>DATE:</b>                     | January 2011  |