

NEONATAL MEDICATION PROTOCOLS

RIFAMPICIN
 Created by: NCCU
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NCCU Clinical Guidelines
 KEMH/PMH
 Perth, Western Australia

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| DRUG: | RIFAMPICIN |
| PRESENTATION: | Vial: 600mg Mixture: 20mg/mL |
| ACTION & INDICATION: | Broad -spectrum antibiotic. Inhibits DNA dependent RNA polymerase activity. Effective against Mycobacteria, Neisseria, gram-positive cocci. Used as prophylaxis for meningitis contacts. |
| DOSE: | 10mg/kg/dose once every 24 hours In severe infections: 20mg/kg/24 hours |
| PREPARATION: | Use solution prepared in Pharmacy if available. Reconstitute each vial using 9.5 mL of the diluent supplied. Shake the vial for 30 seconds = 600mg in 10mL (60mg in 1mL). Take 1mL of this solution and further dilute to 10mL with sodium chloride 0.9%, glucose or glucose/saline combinations = 6mg in 1mL |
| ADMINISTRATION: | Infuse over 30 - 60 minutes via syringe pump. Oral: Give on empty stomach |
| ADVERSE EFFECTS: | Gastro-intestinal irritation. Hypersensitivity Blood dyscrasias Drowsiness Hepatitis (rare) Discolouration of urine, tears, saliva (pink to red) |
| COMMENTS: | Use in combination with other antibiotics to provide synergistic effect. Induces hepatic metabolism - monitor drug levels of phenytoin, phenobarbitone, caffeine, digoxin Discard reconstituted solution immediately after use. Solutions diluted with Glucose 5% solution to 6mg/mL should be discarded after 4 hours. |
| REFERENCES: | Paediatric Pharmacopoeia 13 th Ed Royal Children's Hospital Melbourne Neofax 2013 |
| DATE: | October 2013 |