

## Rifampicin

### FORM

Vial containing 600mg Rifampicin powder for reconstitution + 10ml ampoule containing solvent.

### INDICATION

1. Treatment of serious staphylococcal infections with other antibiotics.
2. Treatment of tuberculosis with other antibiotics.

### DOSE RANGE

#### 1. Treatment of serious staphylococcal infections with other antibiotics.

| AGE         | DOSE    | FREQUENCY   | ROUTE         |
|-------------|---------|-------------|---------------|
| 0 – 6months | 10mg/kg | Twice daily | I.V. infusion |

#### 2. Treatment of tuberculosis (not as monotherapy)

| AGE                              | DOSE    | FREQUENCY  | ROUTE         |
|----------------------------------|---------|------------|---------------|
| 0 – 6months                      | 10mg/kg | Once daily | I.V. infusion |
| <b>Meningitis</b><br>0 – 6months | 20mg/kg | Once daily | I.V infusion  |

### RECONSTITUTION

Reconstitute each 600mg vial with entire contents of solvent ampoule provided to give a 60mg/ml solution. **MUST be further diluted prior to use.**

### DILUTION

#### CENTRAL use

|                     |                  |
|---------------------|------------------|
| Rifampicin 60mg/ml  | 1ml              |
| Glucose 5% infusion | Up to 10ml total |

**This gives a 6mg/ml solution. Use the required volume.**

#### PERIPHERAL use

|                     |                  |
|---------------------|------------------|
| Rifampicin 60mg/ml  | 0.5ml            |
| Glucose 5% infusion | Up to 30ml total |

**This gives a 1mg/ml solution. Use the required volume**

### METHOD OF ADMINISTRATION

Give by intravenous infusion over 2 hours.

### COMPATIBILITY

|                                 |                                                 |
|---------------------------------|-------------------------------------------------|
| <b>Solution compatibility</b>   | Sodium chloride 0.45% & 0.9%, glucose 5% & 10%. |
| <b>Solution incompatibility</b> | Most other I.V. fluids.                         |
| <b>IV Line compatibility</b>    | Vancomycin                                      |
| <b>IV Line incompatibility</b>  | All other drugs.                                |

**THIS LIST IS NOT EXHAUSTIVE PLEASE CONTACT PHARMACY FOR FURTHER INFORMATION ON COMPATIBILITY WITH ANY MEDICINES NOT INCLUDED**

### CAUTIONS, CONTRA-INDICATIONS AND SIDE EFFECTS

## West of Scotland NEONATAL IV Drug Monographs

- Baseline liver function tests should be performed before commencing.
- Stains urine, sweat, sputum and tears red/orange.
- Extravasation risk: irritation and inflammation have been observed. If these occur, discontinue administration and resume at an alternative site.
- Also see Summary of Product Characteristics and most recent edition of BNF for Children (links below)

### FURTHER INFORMATION

- Rifampicin infusion from pharmacy must be used within 6 hours of preparation.
- Rifampicin enhances the metabolism of many drugs including antifungals, corticosteroids and phenytoin (see BNFC for more information)

**PH** approximately 8.3 (Sanofi Aventis).

**LICENSED STATUS** Licensed

**LINKS** [BNF for Children](#): / [Electronic Medicines Compendium](#)  
Neonatal Formulary 5<sup>th</sup> Edition BMJ books

**APPLICABLE POLICIES** [West of Scotland Neonatal Guidelines](#):

Consult local policy if applicable

|                  |                     |              |               |
|------------------|---------------------|--------------|---------------|
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**Administer reconstituted solutions immediately.**

**All vials, ampoules and infusion bags are for single use only unless otherwise stated.**

Dose may vary depending on indication, age, renal function, hepatic function, and concomitant medications.  
This monograph should be used in conjunction with the package insert, BNF for Children, and Summary of Product Characteristics. For further advice contact your clinical pharmacist or pharmacy department.