

Meropenem

FORM Vial containing 500mg powder for reconstitution

INDICATION Management of severe aerobic and anaerobic gram-positive and gram-negative infections.

DOSE RANGE

AGE	DOSE	FREQUENCY	ROUTE
<7 days	40 mg/kg/dose	Every 12 hours	IV
7 to 28 days	40 mg/kg/dose	Every 8 hours	IV
1 to 6 month	40 mg/kg/dose	Every 8 hours	IV

- Dosage adjustment is necessary in renal impairment.

RECONSTITUTION Reconstitute a 500mg vial with 9.6ml Water for Injection to give a **500mg in 10ml** solution.
The resultant solution should be clear and colourless or pale yellow.
Use the required volume

Dosage guide:

- 500mg in 10ml
- 50mg in 1ml
- 5mg in 0.1ml

DILUTION **Not required**

METHOD OF ADMINISTRATION Slow IV bolus over 5 minutes.

COMPATIBILITY

Solution compatibility	Sodium chloride 0.45%, Sodium chloride 0.9% Glucose 5%, Glucose 10%, Sodium chloride 0.9% with glucose 5%
Solution incompatibility	All other fluids
IV Line compatibility	Dexamethasone, fluconazole, linezolid, morphine
IV Line incompatibility	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

- See Summary of Product Characteristics and most recent edition of BNF for Children (links below)

FURTHER INFORMATION

- A positive direct or indirect Coombs test may develop in some patients.
- Monitor transaminase and bilirubin levels in patients with hepatic disease.

West of Scotland NEONATAL Parenteral Drug Monographs

PH 7.3 - 8.3

LICENSED STATUS Not licensed in children < 3 months old

LINKS [BNF for Children:](#) / [Electronic Medicines Compendium](#)

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.