

Cefuroxime

FORM Vial containing 250mg powder for reconstitution

INDICATION Susceptible infections due to gram positive and gram negative bacteria

DOSE RANGE

AGE	DOSE	FREQUENCY	ROUTE
0 - 7 days	25-50 mg/kg	Every 12 hours	IV
7 - 20 days	25-50 mg/kg	Every 8 hours	IV
21 – 28 days	25–50 mg/kg	Every 6 hours	IV
1 - 6 months	20 mg/kg (max. Dose 750mg)	Every 8 hours	IV
	Increased to 50–60 mg/kg (max dose 1500mg)	Every 6-8 hours	

RECONSTITUTION Reconstitute a 250mg vial of cefuroxime with 2.3ml Water for Injection to give a **250mg in 2.5ml solution** (Displacement value 0.2ml/250mg)

DILUTION **NOT REQUIRED**

Dosage guide:

- 250mg in 2.5ml
- 100mg in 1ml
- 10mg in 0.1ml

METHOD OF ADMINISTRATION Administer the diluted solution as a slow intravenous bolus injection over 3-5 minutes

COMPATIBILITY

Solution compatibility	Sodium chloride 0.9%, glucose 5%, glucose 10%, glucose/sodium chloride mixtures, sodium chloride 0.9% infusion containing 40mmol potassium chloride, glucose 5% infusion containing 20mmol potassium chloride
Solution incompatibility	No Information
IV Line compatibility	Amiodarone, acyclovir, atracurium, morphine, vecuronium
IV Line incompatibility	Aminoglycosides (amikacin, gentamicin, neomycin, tobramycin), ciprofloxacin, clarithromycin, fluconazole, midazolam, , vancomycin.

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 PARENTERAL Drug Monographs

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

FURTHER INFORMATION

- Protect unused vials from light
- Each 250mg vial contains < 1mmol of sodium

PH

- 5.5 – 8.5

LICENSED STATUS

- Licensed for use in all ages

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.