

## Ceftazidime

**FORM** Vial containing 500mg powder for reconstitution

**INDICATION** Treatment of severe infection or meningitis where sensitivities indicate.

### DOSE RANGE

AGE	DOSE	FREQUENCY	ROUTE
Neonate <7 days	50mg/kg/dose	1 dose daily	I.V.
Neonate 7 to <21 days	50mg/kg/dose	every 12 hours	I.V.
Neonate 21 to 28 days	50mg/kg/dose	every 8 hours	I.V.
1 to 6 months	50mg/kg/dose	every 8 hours	I.V.

### RECONSTITUTION

Reconstitute a 500mg vial of Ceftazidime with 4.6ml Water for Injection to give 500mg in 5ml Solution

#### Dosage Guide:

- 500mg in 5ml
- 100mg in 1ml
- 10mg in 0.1ml

(When withdrawing the reconstituted solution ensure the syringe plunger remains fully depressed and the needle remains within the solution and does not enter the head space).

**DILUTION** Not required

**METHOD OF ADMINISTRATION** By slow IV bolus over 2 - 3 minutes.

### COMPATIBILITY

<b>Solution compatibility</b>	Sodium chloride 0.45%, Sodium chloride 0.9%, Glucose 5%, Glucose 10%
<b>Solution incompatibility</b>	No information
<b>IV Line compatibility</b>	, Metronidazole
<b>IV Line incompatibility</b>	Aminoglycoside antibiotics, Aminophylline, Cimetidine, Ciprofloxacin, Clarithromycin, Doxapram,, Erythromycin, Fluconazole, Heparin, Midaolam, Phenytoin, Ranitidine, Sodium bicarbonate, 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

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

- FURTHER INFORMATION**
- Phlebitis or thrombophlebitis may occur following IV injection.
  - Reconstituted solutions range from light yellow to amber depending on concentration, diluent and storage conditions. Product potency is not adversely affected by colour variations.

**PH** 5.0-7.5

# West of Scotland NEONATAL Parenteral Drug Monographs

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## LICENSED STATUS

## 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.