

Cefotaxime IntraVenous

FORM

Powder for injection

INDICATION

- Treatment of severe infection including meningitis where sensitivities indicate.
- Treatment of ophthalmia neonatorum without systemic disease
- Treatment of ophthalmia neonatorum with disseminated gonococcal disease

DOSE RANGE

a) TREATMENT OF SEVERE INFECTION INCLUDING MENINGITIS

AGE	DOSE	FREQUENCY	ROUTE
Neonate < 7 days	50mg/kg/dose	Every 12 hours	I.V
Neonate 7 to 21 days	50mg/kg/dose	Every 8 hours	I.V
Neonate > 21 days – 6months	50mg/kg/dose	Every 6 hours	I.V

b) TREATMENT OF OPHTHALMIA NEONATORUM WITHOUT SYSTEMIC DISEASE

AGE	DOSE	FREQUENCY	ROUTE
Neonate	100mg/kg	Single dose	IV

c) TREATMENT OF OPHTHALMIA NEONATORUM WITH DISSEMINATED GONOCOCCAL DISEASE

AGE	DOSE	FREQUENCY	ROUTE
Neonate	50mg/kg	Every 8 hours	IV

RECONSTITUTION

Reconstitute a 500mg vial with 4.8ml Water for Injection to give 500mg in 5ml Solution

DILUTION

Not required

METHOD OF ADMINISTRATION

May be given by slow IV bolus over 3-5 minutes

Dosage Guide:

- 500mg in 5ml
- 250mg in 2.5ml
- 25mg in 0.25ml

QEUH Post-Natal wards only
Post Natal Wards – dose banded Cefotaxime

Weight < 3.5kg Cefotaxime 125mg BD

Weight ≥ 3.5kg Cefotaxime 175mg BD

Weight <2.25kg or >7kg 50mg/kg BD

West of Scotland NEONATAL Parenteral Drug Monographs

COMPATIBILITY

Solution compatibility	Sodium Chloride 0.45%, Sodium chloride 0.9%, Glucose 5%, Glucose 10%
Solution incompatibility	No Information
IV Line compatibility	Aciclovir, Caffeine citrate, Metronidazole, TPN
IV Line incompatibility	Aminoglycoside Antibiotic, Doxapram, Heparin, Ranitidine, Sodium Bicarbonate

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

- Variations in the intensity of colour of the freshly prepared solution do not indicate change in potency or safety
- Displacement Volume 0.2ml/500mg
- Extravasation risk
- May cause positive coombs test.
- Cefotaxime may be associated with reversible late-onset Neutropenia and Eosinophilia.

PH

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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

Document Number:	006	Supersedes:	005
Prepared by:	WoS Neo Pharm group	Checked by	Peter Mulholland
Date prepared	May 2016	Date updated	February 2020
Updated by	WoS Neonatal Pharmacists	Review Date	February 2023

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.