

Ciprofloxacin

FORM Bag containing 100mg/50ml

INDICATION Quinolone antibiotic, used for treatment of gram-positive and gram-negative infections caused by sensitive bacteria.

DOSE RANGE

AGE	DOSE	FREQUENCY	ROUTE
Neonate	5mg/kg/dose	Every 12 hours	I.V. Infusion.
1mo to 6 months	8mg/kg/dose	Every 12 hours	I.V. Infusion.

RECONSTITUTION Not required.
DILUTION If required, the infusion solution may be further diluted in Sodium Chloride 0.9% injection.
METHOD OF ADMINISTRATION I.V. Infusion. over 30 min.

COMPATIBILITY

Solution compatibility	Sodium chloride 0.45%, Sodium chloride 0.9% , Glucose 5%, Glucose 10%
Solution incompatibility	No information
IV Line compatibility	Aminoglycoside antibiotics, Ceftazidime, Metronidazole
IV Line incompatibility	Aminophylline, Ceftazidime, Co-amoxiclav, Dexamethasone, Furosemide, Heparin, Hydrocortisone, Penicillin antibiotics, Phenytoin, Phosphate, 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

- Ciprofloxacin should NOT be used in prepubertal children, except where the benefits outweigh the risks, as it may cause arthropathy in weight-bearing joints still developing.
- Seizure threshold may be reduced, therefore Ciprofloxacin should be used with caution where there is a history of convulsions.
- Extravasation risk

STORAGE Store bags in foil outer containers because of light sensitivity. No special precautions required during the normal 30-60 minute infusion period. Do not refrigerate ciprofloxacin infusion.

PH 3.9-4.5

LICENSED STATUS Not licensed for use in neonates

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.

