

Erythromycin Lactobionate

FORM

Vials containing 1g powder for reconstitution

INDICATION

Treatment of Chlamydia eye infections, treatment of other infections where sensitivities indicate.

DOSE RANGE

AGE	DOSE	FREQUENCY	ROUTE
Birth-1month	12.5mg/kg	Every 6 hours	IV
1-6 months	12.5mg/kg	Every 6 hours	IV

RECONSTITUTION

Dilute a 1g vial of Erythromycin Lactobionate with 20ml Water for Injection to give 1g/20ml = 50mg/ml

DILUTION

Erythromycin inj. 50mg/ml	1ml
Sodium Chloride inj. 0.9%	up to 10ml total

This gives a 5mg in 1ml solution. Use required volume.

METHOD OF ADMINISTRATION

IV Infusion over 60 minutes, only in Sodium Chloride

COMPATIBILITY

Solution compatibility	Sodium chloride 0.45%, Sodium chloride 0.9%
Solution incompatibility	Glucose 5%, Glucose 10%
IV Line compatibility	Aciclovir, amiodarone, esmolol, fluconazole, hydrocortisone, magnesium sulphate, midazolam, morphine, ranitidine, zidovudine.
IV Line incompatibility	Chloramphenicol, furosemide, heparin, linezolid, metoclopramide, penicillin antibiotics.

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

- Erythromycin must not be given by IM Injection. IV Bolus is very painful.
- In cases of severe fluid restrictions, IV concentrations of up to 10mg/ml have been used without problems, however the risk of thrombophlebitis is increased **and administration centrally is recommended.**
- Use with caution in impaired liver function and advanced renal failure.
- Erythromycin inhibits the hepatic metabolism of carbamazepine and theophylline therefore blood levels should be monitored.
- Monitor ECG and blood pressure in babies at high risk of QT prolongation and arrhythmias
- If for clinical reasons sodium chloride is not suitable neutralised glucose 5% can be used as a diluent. This is prepared by adding 2.5ml of 8.4% sodium bicarbonate injection to 500ml of glucose 5% injection.

West of Scotland NEONATAL Parenteral Drug Monographs

PH 6.5-7.5

LICENSED STATUS Licensed

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.