

Amikacin

FORM Vials containing 100mg/2ml

INDICATION Aminoglycoside antibiotic used in the treatment of infections where guidelines or sensitivities dictate.

DOSE RANGE

AGE	DOSE	FREQUENCY	ROUTE
Up to 35 weeks	12mg/kg	Once daily	IV
≥35 weeks - ≤ 6 months	15mg/kg	Once daily	IV

RECONSTITUTION Already in solution.

DILUTION Slow IV Injection
No dilution required
IV Infusion
Dilute to a maximum concentration of 2.5mg/ml

METHOD OF ADMINISTRATION Give as slow IV injection over 3-5minutes or as IV infusion (2.5mg/ml) over 30-60 minutes

COMPATIBILITY

Solution compatibility	Glucose 5%, Sodium Chloride 0.9%
Solution incompatibility	No information
IV Line compatibility	No information
IV Line incompatibility	Other antibiotics, heparin (including flushes)

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

- Blood levels should be taken around 3rd dose. Trough immediately before dose. Peak levels not routinely required.
- Target blood levels trough <5mg/L

PH 3.5-5.5

LICENSED STATUS Once daily dosing in neonates is unlicensed.

LINKS [BNF for Children:](#) / [Electronic Medicines Compendium](#)

APPLICABLE POLICIES [West of Scotland Neonatal Guidelines:](#)
Consult local policy if applicable

West of Scotland NEONATAL PARENTERAL Drug Monographs

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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.