

MICIX

Amikacin Injection BP 250 mg/ml



COMPOSITION :

Each ml contains :

Amikacin Sulphate B.P.

Equivalent to Amikacin base 250 mg

Methyl hydroxy benzoate B.P. 0.18% w/v

Propyl Hydroxy benzoate B.P. 0.025% w/v

Water for Injection B.P. q.s.

INDICATION :

Amikacin is used clinically to treat serious gram negative infections in most species. It is often used in settings where gentamicin-resistant bacteria are a clinical problem. The inherent toxicity of the aminoglycosides limit their systemic use to serious infections when there is either a documented lack of susceptibility to other less toxic antibiotics or when the clinical situation dictates immediate treatment of a presumed gram negative infection before culture and susceptibility results are reported. Amikacin is also approved for Intrauterine infusion in mares.

CONTRAINDICATION :

Aminoglycosides are contraindicated in patients who are hypersensitive to them. Because these drugs are often the only effective agents in severe gramnegative infections there are no other absolute contraindications to their use. However, they should be used with extreme caution in patients with preexisting renal disease with concomitant monitoring and dosage interval adjustments made. Other risk factors for the development of toxicity include age (both neonatal and geriatric patients), fever, sepsis and dehydration.

DOSAGE AND ADMINISTRATION :

Cattle, Sheep and Goats:

7 mg/kg IV, IM q8h

22 mg/kg IV, IM q24h [once daily dosing]

Horses:

22 - 25 mg/kg IV q24h for neonates

5 mg/kg IV q24h for older foals and adults

Adults - 6.6 - 10 mg/kg IM, IV q24h [once daily dosing]

Mastitis / Endometritis - 8 ml of MICIX Inj mixed with 200 mL 0.9%

Sodium Chloride Injection, daily for 3 - 5 consecutive days

[intrauterine/intramammary use]

POULTRY :

10 mg/kg b.wt. S/C or I/M injection

WITHDRAWAL PERIOD :

Eggs : 7 days

Meat : 28 days

STORAGE :

Store at a temperature not exceeding 30°C.

Protected from light.



Intracin

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