



GENTAMICIN[®] 10% injectable solution

COMPOSITION

Gentamicin sulphate, equivalent to gentamicin base		0.1 g
Excipients	up to	1.0 ml

PHARMACOLOGICAL ACTION

Gentamicin is an aminoglycoside antibiotic with a bactericidal effect mainly against Gram-negative and some Gram-positive microorganisms (*Escherichia coli*, *Salmonella spp.*, *Klebsiella spp.*, *Shigella spp.*, a number of *Proteus* and *Pseudomonas* strains, *Staphylococci*, beta-hemolytic *Streptococci*, *Corynebacteria*, *Mycoplasma*, etc.).

It is quickly absorbed from the injection site and is retained in the blood and tissues for 12 - 24 h. It is eliminated unchanged with urine, where its concentrations significantly exceed those in blood.

INDICATIONS

For treatment of **respiratory, gastrointestinal and urogenital infections** (bronchitis, pneumonia, pyelonephritis, cystitis, urethritis, endometritis, metritis, colibacillosis, salmonellosis, infected wounds, pyoderma sepsis, etc.), caused by gentamicin-sensitive microorganisms.

SIDE EFFECTS

In cases of continuous administration in higher doses the preparation may cause heavy nephritis and damages of the vestibular and hearing organs, especially in cats. If ataxia and vomiting occur, the treatment must be terminated.

CONTRAINDICATIONS

Severe renal disorders accompanied by azotemia. Do not apply simultaneously with general anesthetics, muscle relaxants, other aminoglycosides, polymyxins.

WITHDRAWAL PERIOD

For meat (excluding kidneys and injection site) - 7 days after the last administration of the preparation.

For kidneys and injection site - 45 days after the last administration of the preparation.

For milk - 2 days after the last administration of the preparation.

MODE OF ADMINISTRATION

Prescription only.

Intramuscularly, subcutaneously, orally and intrauterinally.

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DOSAGE

- Intramuscularly

Large and small ruminants, horses	2 - 4 mg/kg b.w. (2 - 4 ml/100 kg b.w.)
Pigs	5 mg/kg b.w. (0.5 ml/10 kg b.w.)
Dogs and cats	4 - 6 mg/kg b.w. (0.4 - 0.6 ml/10 kg b.w.)

On the first day, the dose must be injected twice at a 12-hour interval. Subsequently, Gentamicin 10% is administered once per day for not more than 7 consecutive days.

- Subcutaneously

In chickens (for control of colibacillosis and paratyphus) the preparation is diluted with sterile distilled water (1:100) and is injected at a dose rate of 0.2 ml/1-day-old chickens.

- Orally, with the drinking water

In chickens of older age - 1.0 ml/l drinking water in the course of 4-5 days.

- Intrauterinally

In cows (for treatment of endometritis) 2.0 ml of the preparation diluted with 20-50 ml isotonic solution of sodium chloride.

In mares 5.0 ml of the preparation diluted with 200 ml isotonic solution of sodium chloride.

In case of pyometra the exudate must be preliminarily removed.

SHELF LIFE

Two (2) years from the date of manufacture.

STORAGE

In the original container, well closed, in dry facilities, protected from direct sunlight at temperature between 8 and 15°C.

PACKING

Multidose vials of 50 ml.

