

Kanacin vials (For veterinary use)

Composition:-

Each 100 ml contains:-

Kanamycin base (Equivalent to 13.3 Kanamycin Sulphate) 10 gm

Properties:-

Kanamycin is Kanacin vials has a broad spectrum antibiotic, active against many Gram-negative pathogens. These include coliforms, Klebsiella pneumoniae, Enterobacter aerogenes, Salmonella, strains of Proteus, Neisseria, Pasteurella multocida, and Acinetobacter. Kanamycin's Gram-positive spectrum includes Corynebacteria, Bacillus anthracis, Staphylococcus albus, and Staphylococcus aureus-including many strains resistant to other antibiotics.

Action:-

- The drug is rapidly absorbed after subcutaneous or intramuscular injection. Peak serum levels are obtained approximately one hour after injection.
- Kanamycin diffuses readily into most body fluids (synovial fluid, bile, pleural and peritoneal fluids, bronchial secretions) but, under normal circumstances, poorly into spinal fluid.
- Kanamycin is poorly absorbed following oral administration. Systemic infections are preferably treated by subcutaneous injection; the drug may also be administered intramuscularly.

Indications:-

This drug has been used successfully in the treatment of bacterial infections due to kanamycin susceptible organisms.

Among these infections are:

- **Urinary-Tract Infections:** acute and chronic cystitis, nephritis, pyelonephritis, and prostatitis.
 - **Respiratory-Tract Infections:** sinusitis, tracheitis, lobar and bronchopneumonia, lung abscesses, and tonsillitis.
 - **Skin, Soft-Tissue, and Post-Surgical Infections:** abscesses, wound infections, cellulitis, pustular dermatitis. Osteomyelitis, Septic Arthritis, Periostitis, Septicemia, and Bacteremia.
 - **Gastrointestinal Infections:** amebiasis, salmonellosis, gastroenteritis, and staphylococcal enterocolitis, Endometritis, Mastitis, Otitis Media, Pancreatitis
- While nearly all strains of Staphylococcus aureus, and the majority of strains of Proteus, E. coli, and A. aerogenes are highly susceptible to kanamycin, the invading organism should be cultured and its susceptibility demonstrated as a guide to therapy.

Contraindication:

Kanamycin should not be used in case of:

- * Following high doses or prolonged therapy with other antibiotics that may cause similar toxic reactions, e.g., streptomycin, neomycin.

- * A history of allergic response to this drug is a contraindication.
- * The use of concurrent drugs, other than analgesics, is not recommended.
- * Do not administer to subjects undergoing general anesthesia.

Dosage:-

FOR USE IN CATS& DOGS ONLY:

The Usual Dose Is 5 mg per lb (nearly 454 gm) body weight per day in equally divided dose at 12 hour intervals.

Kanacin is given by subcutaneous or intramuscular route.

Withdrawal period:-

3 days

Pack:-

Vial of 100 ml.

Produced by
Unipharma (Universal Industrial Pharmaceutical Co.)

About City - Cairo