GentaOtic™ Otic Solution
(gentamicin sulfate with betamethasone valerate)

Comparable to Gentocin Otic

- For the treatment of acute chronic otitis externa in dogs
- Also for superficial infected lesions in dogs and cats
- Combines the broad-spectrum activity of gentamicin with the anti-inflammatory and antipruritic activity of betamethasone valerate
- Approved for use in cats

Active Ingredients:
- Gentamicin Sulfate - 3mg/mL
- Betamethasone valerate - 1 mg/mL

SKU# DESCRIPTION UOM PACK
050187  GentaOtic (Gentamicin and Betamethasone) 7.5mL 12 Count BOX
050805  GentaOtic (Gentamicin and Betamethasone) 15mL 12 Count BOX
012740  GentaOtic (Gentamicin and Betamethasone) 240mL 240mL BOTTL
GentaOtic™ Otic Solution
(gentamicin sulfate with betamethasone valerate)

DESCRIPTION

GentaOtic™ (gentamicin sulfate with betamethasone valerate) Otic Solution is packaged in a convenient squeeze bottle for easy application. Each mL of GentaOtic (gentamicin sulfate with betamethasone valerate) Otic Solution contains gentamicin sulfate equivalent to 3 mg gentamicin base, 1.0 mg hydroxyethylcellulose, 2.5 mg glacial acetic acid, 200 mg purified water, 19% ethanol, 9.4 mg benzyl alcohol as preservative, 300 mg glycerin and propylene glycol q.s.

CHEMISTRY

Gentamicin is a bacteriical antibiotic of the aminoglycoside group derived from Micromonospora purpurea of the Actino- myces group. It is a powder, white to buff in color, basic in nature, readily soluble in water and highly stable in solution. Betamethasone valerate is a synthetic corticosteroid derivative of prednisolone.

ACTION

GentaOtic (gentamicin sulfate with betamethasone valerate) Otic Solution combines the broad-spectrum activity of gentamicin sulfate with the anti-inflammatory and antiprutitic activity of betamethasone valerate. In vitro antibacterial activity has shown that gentamicin is active against most gram-negative bacteria including Pseudomonas aeruginosa, indole-positive and negative Proteus sp., Escherichia coli, Klebsiella pneumoniae, Aerobacter aerogenes, and Neisseria. Gentamicin is also active against strains of gram-positive bacteria including Staphylococcus species and some Streptococcus species. Betamethasone valerate has emerged from intensive research as the most promising of some 50 newly synthesized corticosteroids: in the experimental model described by McKenzie et al. This human bioassay technique has been found reliable for evaluating the vasoconstrictor properties of new topical corticosteroids and is useful in predicting clinical efficacy. Betamethasone valerate in human medicine had been shown to provide anti-inflammatory and antiprutitic activity in the topical management of corticosteroid-responsive dermatoses. In the responsive cases, the local anti-inflammtory activity is sustained by the vasoconstrictor properties of the steroid.

TOXICITY STUDIES

Parenterally, no toxic effects were observed in rats given gentamicin sulfate 20 mg/kg/day for twenty-four days; in cats given 10 mg/kg/day for forty days. Gentamicin sulfate given to dogs at 6 mg/lb/day, 6 days weekly for three weeks, caused no detectable kidney damage. At higher doses, impairment of equilibrium and renal function were observed in these species.

Use of corticosteroids depending on dose, duration, and specific steroid, result in inhibition of endogenous steroid production following drug withdrawal. In patients presently receiving or recently withdrawn from systemic corticosteroi d treatments, therapy with a rapidly acting corticosteroid should be considered in unusually stressful situations.

CONTRAINDICATIONS

If hypersensitivity to any of the components occurs, treatment with this product should be discontinued and appropriate therapy instituted. Concomitant use of drugs known to induce ototoxicity should be avoided. This preparation should not be used in conditions where corticosteroids are contraindicated. Do not administer parenteral corticosteroids during treatment with GentaOtic (gentamicin sulfate with betamethasone valerate) Otic Solution to cover the treatment area twice daily for seven to fourteen days.

STORAGE

Store between 2°C and 25°C (36°F and 77°F).

HOW SUPPLIED

GentaOtic (gentamicin sulfate with betamethasone valerate) Otic Solution, is available in squeeze bottles in the following sizes: 7.5 mL, 15 mL, 240 mL (8 fl oz)

NAC No.: 1092268.1

Every effort has been made to ensure the accuracy of the information published. However, it remains the responsibility of the readers to familiarize themselves with the product information contained on the USA product label or package insert.