

Bacitracin / Neomycin / Polymixin (Ophthalmic)

- Drug Information

Brand Names:

Vetropolycin ®, Neosporin ® Ophthalmic, Triple Antibiotic Ointment

Pharmacology:

Broad spectrum bactericidal antibiotic.

Indications:

Used to treat conjunctivitis and ulcerative keratitis complicated by bacterial infection.

Also used to prevent infection following eye surgery.

For susceptibility of specific bacteria to this antibiotic, see specialized reference material.

Contraindications:

- Small Animal

- Cat

Due to the risk of severe anaphylaxis and death, some feel triple antibiotic combination therapy is contraindicated in cats.

Interactions:

- General Interactions

No identified General Interactions at time of publishing.

- Category Interactions

- Drug Interactions

Adverse Effects:

- Small Animal

- Dog

Hypersensitivity reactions are possible and thought to be related to neomycin allergy.

- Cat

Topical antibiotics, especially neomycin sulfate and polymyxin B, may cause cutaneous sensitization and anaphylaxis, particularly in cats. Clinical signs of cutaneous sensitization to topical antibiotics usually include itching, reddening, and edema of the conjunctiva and eyelid, but may progress to anaphylaxis. Effects usually subside quickly after withdrawing the medication, but rarely death has been reported.

Dosages:

- General

Apply 4 times daily or up to every 30 minutes for 1 - 2 weeks

Special Notes:

None