

Neocin®

Neomycin Sulfate + Bacitracin Zinc

Description

Neocin® is a combination of Neomycin Sulfate and Bacitracin Zinc for topical use in mixed infection of the skin and mucous membrane, due to susceptible organisms. **Neocin®** has broad spectrum of activity. It is active against many gram-positive organisms (property of bacitracin) such as staphylococci including some penicillin-resistant staphylococci, anaerobic cocci, corynebacteria and clostridia. **Neocin®** is also active against many aerobic gram-negative bacteria (property of neomycin).

Neocin® powder is specially useful where the drying effect of powder is desirable and in the treatment of supurating or serous discharging lesions, infected ulcers moist or oozing lesions and intertriginous areas.

Neocin® ointment is useful where the moisture retaining capability of ointment is desirable and in the treatment of dry infections.

Mode of action

Like other aminoglycosides neomycin inhibits bacterial protein synthesis. Bacitracin interferes with bacterial cell wall synthesis by inhibiting the dephosphorylation of a lipid pyrophosphate.

Composition

Neocin® 20 gm Ointment: Each gram contains Neomycin Sulfate BP 5 mg & Bacitracin Zinc BP 8.33 mg equivalent to Bacitracin 500 IU.

Neocin® 5 gm Powder: Each gm powder contains Neomycin Sulfate BP 5 mg and Bacitracin Zinc BP 4.17 mg equivalent to Bacitracin 250 IU.

Indications

Neocin® is indicated in the treatment of topical bacterial infection. **Neocin®** is particularly effective in atopic, contact stasis and infections, eczematoid dermatitis, neurodermatitis, eczema, anogenital pruritus. It may also be useful as an adjunct in certain pyodermas, such as impetigo, during specific systemic antibiotic therapy for these infections.

Dosage & administration

Neocin® Ointment: A thin film is applied 2 to 4 times daily.

Neocin® Powder: A light dusting powder to be applied to the affected skin area upto 4 times daily.

Contraindications

Neocin® is contraindicated in those individuals who have shown hypersensitivity to any of its components. It should not be used in the external ear canal if the ear drum is perforated.

Side effects

Articles in the current medical literature indicate an increase in the prevalence of persons allergic to neomycin. The possibility of such a reaction should be taken into consideration.

Use in pregnancy & lactation

The drug should not be used on large areas of skin or in large amounts for prolonged periods during pregnancy. Mothers using large amount of the drug should not breastfeed her infants.

Precautions

Because of the potential hazard of nephrotoxicity due to neomycin, care should be exercised when using this product in treating extensive burns, trophic ulceration and other extensive conditions where absorption of neomycin is possible. As with any antibiotic preparation, prolonged use may result in the overgrowth of nonsusceptible organisms including fungi.

Storage

Keep out of reach of children. Store in a dry place, below 25°C temperature and protected from light.

Packaging

Neocin® 20 gm Ointment: Each carton contains a tube having 20 gm ointment.

Neocin® 5 gm Powder: Each carton contains 10X1 bottles; each bottle contains 5 gm powder.



Opsonin Pharma
Ideas for healthcare

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