

Nuba Plus

Neomycin Sulphate, Bacitracin &
Polymyxin B Sulphate

Composition

Each gram of Nuba Plus ointment contains

Neomycin Sulphate BP : 3.5 mg

Bacitracin (as Zinc Salt) BP : 400 IU

Polymyxin B Sulphate BP : 5000 IU

Pharmacology

The combination of polymyxin B sulphate with neomycin and Bacitracin Zinc most nearly meets the criteria for an ideal topical antibacterial preparation. The spectrum of action encompasses virtually all pathogenic bacteria found topically and the three antibiotics are bactericidal. When used topically, absorption from the skin or mucous membrane is insignificant. Polymyxin B sulfate attacks gram-negative bacilli including clinically-isolated strains of *Pseudomonas aeruginosa*. This organism is conspicuously absent from the spectra of the most other antibiotic agents, but it is highly susceptible to polymyxin B sulfate, which is acknowledged to be most effective agent known for the treatment and prophylaxis of *Pseudomonas* infections. Neomycin sulphate provides bactericidal action against various gram-positive organisms and gram-negative organisms including many strains of *Proteus*. Neomycin sulphate is considered by various authorities to be the most effective antibiotic against *Staphylococcus aureus* which is among the more common etiological organisms in topical bacterial infections. Bacitracin Zinc is highly active against gram-positive bacilli and cocci and extends the spectrum to include haemolytic streptococci, thus completing the anti-bacterial range of Nuba Plus ointment. There is overlapping of the bactericidal spectra of these three antibiotics, there by providing increased activity through combined antibiotic action.

Indications

Nuba Plus ointment may be used in the treatment of infected wounds, burns or skin grafts, and it is also of value in the preparation of donor sites for skin grafting and in the prevention of infection of extensive burns and contaminated wounds. It is of value in the local treatment of chronic varicose or other indolent ulcers. The preparation is also of value in the treatment of furuncles, carbuncles, pyoderma, sycosis barbae, impetigo and acne. It has also been used in dealing with secondary infected skin lesions of scabies, pediculosis, tinea pedis and contact and allergic dermatitis.

Dosage and administration

Nuba Plus ointment should be applied thinly over the affected area after cleaning it. One to three daily applications should be continued until the infection is controlled and healing completed.

Children and Infants:

Nuba Plus ointment is suitable for use in children at the same dose as adults, but the dose should be reduced in infants. Nuba Plus ointment is not recommended for use in neonates.

Contraindication

Nuba Plus ointment should not be used in individuals who have shown sensitivity to any of the components. A possibility of increased absorption exists in very young children, thus Nuba Plus ointment is not recommended for use in neonates. Nuba Plus is to be noted that ointment is not intended for sterile use in surgical procedures such as those involving abdominal or thoracic cavities as there is evidence that neomycin sulphate, when in contact with peritoneal or pleural tissues, can potentiate neuromuscular block in patients under the influence of muscle relaxants, producing respiratory paralysis. As with other antibiotic preparations prolonged use may result in overgrowth of non-susceptible organisms. Ototoxicity to neomycin sulphate has been reported. In neonates and infants, absorption by immature skin may be enhanced and renal function may be immature.

Use in pregnancy and lactation

There is little information to demonstrate the possible effect of topically applied neomycin sulphate in pregnancy and lactation. However, neomycin sulphate present in maternal blood can cross the placenta and may give rise to a theoretical risk of foetal toxicity, thus Nuba Plus ointment is not recommended in pregnancy and lactation.

Storage condition

Store in a cool and dry place. Keep away from light.

Warning Prescription only medicine. To be used as directed by the physician. Keep out of reach of children.

Presentation

Nuba plus ointment 10 gm: Each box contains an aluminium collapsible tube containing 10 g ointment.

Manufactured by



For further query on the use of this medicine, consult to a registered Doctor or Pharmacist.