

## Neo-Bacitracin ointment

Neo-Bacitracin is an ointment used for the treatment of various skin conditions. Each gram of the ointment contains the following active ingredients: Neomycin Sulfate (equivalent to 3.5 mg of Neomycin) and Bacitracin (500 IU). The ointment also contains white soft paraffin and liquid paraffin as excipients.

### Indications

- Infected sores and burns.
- Infected eczema.
- Anthrax, boils, and whitlow.
- Impetigo, folliculitis, and pyodermitis.

### Dosage and Administration:

Apply a thin layer of the ointment twice daily.

**Contraindications:** Avoid use in cases of mammary infections (during pregnancy and breastfeeding).

**Precautions and Warnings:** Systemic absorption of the active ingredients may occur when applied to large skin lesions, especially in infants. Avoid use on bleeding lesions or skin folds. The treatment should not exceed 8 days to prevent the development of resistant germs and superinfection.

**Pregnancy and Breastfeeding:** The ointment should not be used in cases of mammary infections due to the risk of ingestion by the infant.

**Side Effects:** Possibility of allergic contact eczema, especially when applied to leg ulcers or areas around ulcers, or with long-term use. Topical administration may cause allergic hypersensitivity, which can affect the effectiveness of these antibiotics or other antibiotics in the same group.

Risk of cross-allergy with aminoglycosides.

**Overdosage:** Signs of systemic toxicity (such as changes in hearing acuity and renal function) may occur with long-term treatment or application over large areas, particularly in infants.

**Pharmacodynamics:** The ointment combines two broad-spectrum antibiotics that are active against Gram-positive and Gram-negative bacteria, making it effective in treating infected skin lesions.

**Storage:** Store below 25°C.