

# **BETACIN N**

BETAMETHASONE BP+NEOMYCIN SULP. BP

## **Compositions:**

Betacin-N Eye, Ear and Nasal Drops: It contains Betamethasone Sodium Phosphate BP 0.1 % w/v and Neomycin Sulphate BP 0.5% w/v.

## **Pharmacology:**

Betacin-N is a preparation of Betamethasone Sodium Phosphate & Neomycin Sulphate. Betamethasone is a glucocorticoid which suppresses the inflammatory response to a variety of agents. Neomycin is an anti-infective agent; active against most gram negative & gram positive organisms.

## **Dosage And Administration:**

Eye: 1 or 2 drops to be given into the eye every one or two hours. Ear: 2-3 drops into the ear every two or three hourly. Nose: 2 or 3 drops instilled into each nostril two or three times daily.

## **Contraindications:**

Viral, fungal, tuberculosis or purulent conditions. Also contraindicated in patient with glaucoma, herpetic keratitis and in patient hypersensitive to any of its ingredients. Preparation containing Neomycin should not be used for treating otitis externa when the ear drum is perforated, because of the risk of ototoxicity.

## **Warning And Precaution:**

Topical steroid should not be used extensively in pregnancy i.e. in large amounts or for prolonged time. Again due to steroid, the preparation should not be administered to red eyes until a definitive diagnosis has been made.

## **Side Effects:**

Acute sensitization to Neomycin may occur after topical application to the eye. A mild rise in intraocular pressure may result if treatment is continued for longer than a few weeks. Thinning of cornea leading to perforation and cataract has been reported with use of topical corticosteroid.

## **Use in Pregnancy and Lactation:**

Pregnancy Category-Not Classified. FDA has not yet classified the drug into a specified pregnancy category. Topical administration of corticosteroid to pregnant animals can cause abnormalities of fetal development. The relevance of this finding to human beings has not been established; however, topical steroids should not be used extensively in pregnancy, i.e. in large amounts or for prolonged periods.

## **Drug Interaction:**

None known to date.

## **Overdosage:**

No information provided.

## **Storage:**

Store in a cool, dry place and protected from light. Keep out of reach of children. Discard the container 4 weeks after opening.

**Packing:**

Betacin-N Eye, Ear and Nasal Drops: Each plastic dropper bottle contains 5 ml Sterile Eye, Ear and Nasal Drops.

Manufactured By:

The IBN SINA Pharmaceutical Industry PLC.

Shafipur, Gazipur, Bangladesh.