# Nepafenac Ophthalmic Suspension **Nevasight**<sup>™</sup>

# Eve Drops

# NSAID with Better Control and High Penetration

### Composition:

Nepafenac 0.1% w/v
Benzalikonium
Chloride Solution I.P. 0.02% v/v
(as preservative)
sterile aqueous base q.s.

# Category: NSAID Pharmacology:

Nepafenac in Nevasight eye drops, when rapidly crosses the cornea, then gets deaminated by the internal Hydrolases into an activated form amide analogue, Amfenac, which posts inhibitory effect on the Cyclooxygenase derivatives COX1 & COX2.

As per literary data, the COX1 is associated with the inflammation whereas COX2 is associated with pain. It works as per the NSAID Model, uniformly inhibiting the activity of COX1 & COX2 receptors, responsible for the cascade of inflammatory reactions. The duo plays vital role in the productions of Prostaglandins and Thromboxane from Arachidonic acid through a series of reactions. The latter two are responsible for the series of actions take place in during the inflammation, like pain, itching, redness, discharges, etc.

The decrease in the concentrations of Prostaglandins also prevents the sensitization of pain in the nerve receptors. Thus, relieving from the pain caused due to the inflammation.

#### Indications and Usage:

Treating Inflammation And Pain Associated With Cataract Surgery, Acute Pseudophakic, Chronic Pseudophakic, And Recalcitrant Uveitic Cystoid Macular Edema (CME).

## Dosage and Administration:

- Instill one or two drops three times a day of Nevasight eye drops a day prior to the surgery.
- Instill one or two drops three times a day of Nevasight eye drops post surgery or as directed by the physician.

## Warnings and Precautions:

- Prolonged use of NSAIDS may cause Keratitis.
- May slow or delay healing.
- . It should not be administered, wearing contact lenses.
- In the case of corneal breakdown, discontinue the usage and contact your Eve Doctor
- Contraindicated is hypersensitive to the contents of the ophthalmic solution.

#### Adverse Effects:

Decreased visual acuity, a feeling that something is in the eye, increase in IOP, sticky sensation, headache, ocular stinging or vision change.



Marketed by

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