

Olopatadine and Ketorolac Tromethamine Ophthalmic Solution

Vylopt KT™

Eye Drops

Composition

Each ml contains:

Olopatadine Hydrochloride IP	
Equivalent to Olopatadine	1 mg.
Ketorolac Tromethamine IP	4 mg.
Benzalkonium Chloride IP	0.05 mg.
(As Preservative)	
Sterile Aqueous Base	q.s.

Category:

Ophthalmic Solution

Pharmacology:

Mode Of Action:

Olopatadine is an active ingredient in *Vylopt KT* eye drop. *Vylopt KT* is a sterile ophthalmic solutions which is used in the treatment of allergic conditions caused by histamine. *Vylopt KT* selectively inhibits histamine by competing with histamine to bind with H1 receptor by binding itself with H1 receptor. When it binds with H1 receptor *Vylopt KT* automatically inhibits the actions of histamine such as red eyes, irritated eyes, itchiness, tearing, runny eyes, swollen eyelids soreness, burning or pain and sensitivity to light. Approximately 60%-70% of dose is secreted in urine. Its half life is about 8-12 hours. *Vylopt KT* is a prescription drug.

Ketorolac is also an active ingredient in *Vylopt KT*. *Ketorolac Tromethamine* is non-steroidal anti-inflammatory agent. *Ketorolac* is effective in pain and inflammation caused after cataract surgery. *Ketorolac* is function by competitive inhibition of COX inhibitor due to which release of

prostaglandins also inhibited. Prostaglandins synthesis is mainly blocked by *KETROLAC*. Prostaglandins cause the pain and inflammation in the eye. *KETROLAC* is used for the short term management of severe pain. *Ketorolac* is approved by FDA for the treatment of eye pain. It is excreted through urine.

Indication:

Allergic conjunctivitis, postoperative pain, Red, irritated eyes, Itchiness, Tearing or runny eyes, Swollen eyelids, Soreness, burning, or pain & Sensitivity to light.

Dosage and Administration:

Adult (17 yrs or above)- Two drops in the time interval of 12 hours.

Warnings & Precautions:

It is only for topical use not for injections or oral use. There is no significant precaution but before using this medication tell doctor about all your medical history.

Adverse Effect:

Dry eyes; blurred vision; mild eye irritation; feeling like something is in your eye; puffy eyelids; or unusual or unpleasant taste in your mouth.

Information to Patients:

Follow the instructions that are provided by your doctor and if the adverse effects persist, discontinue the usage and contact your doctor immediately.



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