

Lin

Levofloxacin Hemihydrate
Sterile Eye Drops

Composition:

Each ml of Lin Eye Drops contains Levofloxacin Hemihydrate USP equivalent to Levofloxacin 5 mg.

Description:

Levofloxacin is a fluoroquinolone antimicrobial agent that shows antibacterial activity by inhibiting the synthesis of the enzymes topoisomerase II (DNA Gyrase) and topoisomerase IV required for DNA replication, transcription, repairing and recombination. Levofloxacin has wide spectrum of activities against different types of Gram-positive bacteria e.g., *Corynebacterium species*, *Staphylococcus aureus*, *Staphylococcus epidermidis*, *Streptococcus pneumoniae*, other species of Streptococci and Gram-negative bacteria e.g., *Pseudomonas aeruginosa*, *Acinetobacter lwoffii*, *Haemophilus influenzae* & *Serratia marcescens*.

Indications:

Lin Sterile Eye Drops is indicated for the treatment of bacterial conjunctivitis and post-operative superficial ocular infections caused by susceptible strains of bacteria. It is also effective as prophylaxis of bacterial infection and in the treatment of endophthalmitis.

Dosage and administration:

Days 1 & 2 : Instill 1-2 drops in the affected eye(s) every 2 hours while awake, up to 8 times per day.

Days 3 to 7 : Instill 1-2 drops in the affected eye(s) every 4 hours while awake, up to 4 times per day.

Contraindication:

Lin Eye Drops is contraindicated in patients who are hypersensitive to Levofloxacin and other quinolone derivatives.

Side-effects:

Most frequently reported adverse reactions are transient decreased vision, fever, foreign body sensation, headache, transient ocular burning, ocular pain or discomfort, pharyngitis and photophobia.

Drug Interaction:

Specific drug interaction studies have not yet been conducted.

Precautions:

Prolonged use of Lin Eye Drops may result in overgrowth of non-susceptible organisms, including fungi. If super-infection occurs, Levofloxacin should be discontinued and alternative therapy should be instituted. Patients should be advised not to wear contact lenses if they have signs and symptoms of bacterial conjunctivitis or corneal ulcer. It should not be injected subconjunctivally or should not be introduced directly into the anterior chamber of the eye.

Use in Pregnancy & Lactation:

There are no adequate and well-controlled study in pregnant women. Levofloxacin should be used during pregnancy only if the potential benefit justifies the potential risk to the fetus. It has not been detected in human milk. Caution should be exercised when Levofloxacin is administered to a nursing mother.

Use in Children:

Safety and efficacy in infants below the age of 1 year have not yet been established.

Use in elderly patients:

No overall differences in safety or efficacy of Lin Eye Drops have been observed between elderly and other adult patients.

Storage:

- Store in a cool & dry place, away from light.
- Close the dropper immediately after use.
- Do not use for longer than one month after first opening.
- Keep out of the reach of the children.

How Supplied:

Plastic dropper bottle containing 5 ml sterile Eye Drops.

Manufactured by :

 **KEMIKO PHARMACEUTICALS LTD.**
Bangladesh