

Gatitrip Eye Drop

Gatifloxacin (0.3% w/v) Eye Drops

Description

Gatifloxacin Eye Drops (0.3% w/v) is a broad-spectrum antibiotic ophthalmic solution belonging to the fourth-generation fluoroquinolone class. It is designed to treat bacterial infections of the eye, including conjunctivitis and keratitis, by targeting and eradicating infection-causing bacteria.

Composition

- **Gatifloxacin (0.3% w/v):** Each milliliter contains 3 mg of Gatifloxacin.
- **Excipients:** Buffering agents, stabilizers, and preservatives to ensure product stability and efficacy.

Indications

Gatifloxacin Eye Drops are indicated for the treatment of:

1. **Bacterial Conjunctivitis:** Red eye caused by bacterial infection.
2. **Keratitis:** Corneal infection due to bacterial pathogens.
3. **Postoperative Prophylaxis:** Prevents infections after eye surgeries like cataract removal.
4. **Blepharitis:** Infection of the eyelids.
5. **Other Susceptible Ocular Infections:** Caused by Gatifloxacin-sensitive bacteria.

Mechanism of Action

Gatifloxacin inhibits two essential bacterial enzymes:

1. **DNA Gyrase:** Prevents supercoiling of bacterial DNA, blocking replication.
2. **Topoisomerase IV:** Inhibits the separation of bacterial DNA strands, stopping cell division.

This dual action results in bactericidal activity against a wide range of gram-positive and gram-negative bacteria, including drug-resistant strains.

Dosage and Administration

- **Adults and Children (Above 1 Year):**
 - Instill 1 drop into the affected eye(s) every 2 hours while awake for the first 2 days.
 - Then reduce to 1 drop 2–4 times daily for the next 5–7 days.
 - The dosing regimen may vary based on severity and the physician's advice.
- **Administration Instructions:**
 1. Wash hands thoroughly before use.
 2. Shake the bottle gently.
 3. Tilt your head back and pull down the lower eyelid to create a pocket.
 4. Squeeze one drop into the pocket without touching the dropper to the eye.
 5. Close the eye gently for 1–2 minutes to enhance absorption.
 6. Do not blink or rub the eye immediately after application.

Contraindications

- **Hypersensitivity to Gatifloxacin, other fluoroquinolones, or any excipient in the formulation.**

Warnings and Precautions

1. **Avoid Contact Lenses:** Remove contact lenses before application and wait at least 15 minutes before reinsertion.
2. **Systemic Absorption:** Minimal but can occur; use with caution in patients with fluoroquinolone allergies.
3. **Prolonged Use:** May lead to secondary infections, such as fungal or resistant bacterial growth.

- 4. **Use in Pregnancy and Lactation:** Should only be used if clearly needed and prescribed by a healthcare provider.
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Adverse Effects

- **Common:** Mild eye irritation, redness, dryness, or discomfort.
 - **Rare:** Severe allergic reactions, swelling, or worsening of the infection.
 - **Prolonged Use:** Risk of superinfection or delayed healing.
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Drug Interactions

- **No significant drug interactions reported for topical use.**
 - **Avoid concurrent use of other eye drops without consulting a healthcare professional.**
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Storage Conditions

- **Store below 25°C (77°F) in a cool, dry place.**
 - **Protect from light and moisture.**
 - **Do not freeze.**
 - **Discard the bottle 4 weeks after opening or as directed on the packaging.**
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Key Benefits

- **Broad-Spectrum Coverage:** Effective against both gram-positive and gram-negative bacteria, including resistant strains.
 - **Fast Acting:** Provides rapid relief from symptoms of infection such as redness, discharge, and irritation.
 - **Post-Surgical Use:** Reduces the risk of postoperative infections.
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Presentation

- **Sterile eye drop bottles with a dropper cap.**

- **Typically available in 5 ml or 10 ml packaging.**
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Note: Gatifloxacin Eye Drops should be used strictly under the guidance of an ophthalmologist or physician. Do not share the bottle with others to prevent contamination and spread of infection. If symptoms persist or worsen, seek medical advice promptly.

Manufactured in India for:



Cafoli Lifecare Pvt. Ltd.

(An ISO 9001: 2015 Certified Co.)

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