

Gatigen

Gatifloxacin
Sterile Eye Drops

Presentation

Gatigen: Each ml sterile eye drops contains Gatifloxacin 3 mg (as Gatifloxacin Sesquihydrate INN).

Preservative: Benzalkonium Chloride 0.005%

Pharmacological Action

The antibacterial action of Gatifloxacin results from inhibition of DNA gyrase and topoisomerase IV. DNA gyrase is an essential enzyme that is involved in the replication, transcription and repair of bacterial DNA. Topoisomerase IV is an enzyme known to play a key role in the partitioning of the chromosomal DNA during bacterial cell division. Through inhibiting this process gatifloxacin show bactericidal activity

Indications

Gatifloxacin is indicated for the treatment of bacterial conjunctivitis caused by susceptible strains of the following organisms:

Aerobic Gram-Positive Bacteria:

Corynebacterium propinquum, Staphylococcus aureus, Staphylococcus epidermidis, Streptococcus mitis, and Streptococcus pneumoniae.

Aerobic Gram-Negative Bacteria: Haemophilus influenzae

Dosage and Application

The recommended dosage regimen for the treatment of bacterial conjunctivitis is-
Days 1 and 2: Instill one drop every two hours in the affected eye(s) while awake, up to 8 times daily.

Days 3 through 7: Instill one drop up to 4 times daily while awake.

Contraindications

Gatifloxacin eye drops are contraindicated in patients with a history of hypersensitivity to Gatifloxacin, to other quinolones, or to any of the components in this medication. Gatifloxacin 0.3% eye drops should not be injected subconjunctivally, nor should it be introduced directly into the anterior chamber of the eye.

Side Effects

Blurred vision, watery eyes, headache, eye irritation/pain/dryness/redness, bad taste in mouth may occur.

Precautions

Patients should be advised not to wear contact lenses if they have signs and symptoms of bacterial conjunctivitis.

Drug Interactions

There may be an interaction between Gatifloxacin and any of the following: Antacids (containing aluminum, calcium, and magnesium), digoxin, probenecid Vitamins (containing zinc, calcium, magnesium, or iron)

Use in Pregnancy and Lactation

In Pregnancy

Because there are no adequate and well-controlled studies in pregnant women, Gatifloxacin 0.3% eye drops should be used during pregnancy only if the potential benefit justifies the potential risk to the fetus.

In Lactation

It is not known whether this drug is excreted in human milk. Because many drugs are excreted in human milk, caution should be exercised when Gatifloxacin is administered to a nursing woman.

Overdose

An overdose of this medication is unlikely to threaten life.

Storage Conditions

Store in a cool and dry place away from light. Keep out of reach of children. Do not touch the dropper tip to surfaces since this may contaminate the solution. After one month of the opening do not use the medicine of dropper.

Commercial Pack

Gatigen: Each plastic dropper bottle containing 5 ml sterile eye drops.

Manufactured by :

 **GENERAL**
Pharmaceuticals Ltd.

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