



Occufloxine eye drops

Broad spectrum antibiotic

Composition:

Active ingredients :
Ofloxacin 0.3% .

Inactive ingredients :
Boric acid , hypromellose , benzalkonium chloride .

Pharmaceutical form : Eye Drops .

Pharmacological action :

Occufloxine(Broad spectrum Fluoroquinolone) has activity against a wide range of gram positive and gram negative aerobic and anaerobic bacteria.

Occufloxine is bactericidal at concentrations equal to or slightly greater than inhibitory concentrations. Occufloxine is thought to exert a bactericidal effect on susceptible bacterial cells by inhibiting DNA gyrase, an essential bacterial enzyme which is a critical catalyst in the duplication, transcription and repair of bacterial DNA.

Bacterial Cross-resistance has been observed between Ofloxacin and other Fluoroquinolone, there is generally no cross resistance between Ofloxacin and other classes of antibacterial agents such as Beta-lactams or aminoglycosides.

Occufloxine eye drops are active against:

- Gram positive bacteria (Staphylococcus aureus, Staph. epidermis, Streptococcus pneumoniae).
- Gram negative bacteria (Enterobacter cloacae, Haemophilis influenza, Proteus mirabilis, Pseudomonas aeruginosa, Serratia marcescens).
- Anaerobic species .

Pharmacokinetics : Completely absorbed from ophthalmic tissue .

Indications :

Occufloxine ophthalmic solution is indicated for the treatment of infections caused by susceptible strains of the mentioned bacteria in the conditions listed:

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|------------------------------------|---------------------------------------|---------------------|
| 1- Conjunctivitis. | 2- Corneal ulcers. | 3- Corneal abscess. |
| 4-Blepharo Conjunctivitis, | 5- Sceleritis, Episcleritis. | 6- Endophthalmitis. |
| 7- Dacryocystitis, Dacryoadenitis. | 8- Pre and post operative infections. | |

Dosage and administration:

1-General regimen: (1-2) drops 4 times daily.

2-Bacterial conjunctivitis: The recommended dose is:

First and second day: (1-2) drops in the affected eye every (2-4) hours.

Third to Seventh day: (1-2) drops 4 times daily.

3-Bacterial corneal ulcers:

First and second day: (1-2) drops in the affected eye every 30 minutes while awake. Awaken at approximately (4-6) hours after retiring and install (1-2) drops.

Third to Seventh day: (1-2) drops hourly while awake.

Seventh to Ninth day or until complete treatment: (1-2) drops 4 times daily.

Contraindications: Patients with history of hypersensitivity to Ofloxacin or other quinolones.

Side effects : Transient ocular burning or discomfort, stinging, redness or itching might occur.

Drug interactions : It interferes with antacid , antidiabetics, warfarin , theophylline .

Pregnancy and lactation :

Pregnancy : There were no adequate and well- controlled studies performed in pregnant women. Since systemic quinolones have been shown to cause arthropathy in immature animals , it is recommended that occufloxine not be used in pregnant women .

Lactation : Because ofloxacin and other quinolones taken systemically are excreted in breast milk , and there is a potential harm to nursing infants , a decision should be made whether to temporarily discontinue nursing or not to administer the drug, taking into account the importance of the drug to the mother .

Precautions and warnings :

1-Occufloxine shouldn't be injected subconjunctivally nor introduced directly into the anterior chamber of the eye.

2-As with other anti-infective, prolonged use may result in overgrowth of non-susceptible organisms including fungi.

In this case discontinue use.

Package and storage :

Packing: cartone box containing sterile plastic droptainer of 5 or 10 ml + Inner pamphlet.

Storage: Store at temperature not exceeding 25° C .

Instructions to patients :

1-Do not repeat the same prescription without consulting your doctor .

2- Keep the medicament out of reach of children.

Medicament is a product which affects your health, and its consumption contrary to instructions is dangerous for you.
 - Please study the doctor's prescription, the method of use and the instructions of the pharmacist who makes the medication.
 - The doctor and the pharmacist are experts in medicine. It's benefit and risks.
 - Do not to yourself interrupt the period of treatment prescribed for you.
 - Do not repeat the same prescription without consulting your doctor.
 - Keep medication out of children reach.

Council of Arab Health Ministers and Union of Arab Pharmacists

1/2
4/2009
Code No.:
290634

