

Ocuclor

Chloramphenicol

Sterile Eye Drops & Ointment

Presentation

Ocuclor Drops: Each ml sterile eye drops contains Chloramphenicol BP 5 mg.

Preservative: Benzalkonium Chloride 0.01%.

Vehicle: Polyethylene Glycol 400 8%

Ocuclor Ointment: Each gm sterile eye ointment contains Chloramphenicol BP 10 mg.

Pharmacological Action

Chloramphenicol is an antibiotic which is mainly bacteriostatic in action, but exerts a bactericidal effect against some strains of Gram-positive cocci and against Haemophilus Influenzae and Neisseria. It has a broad spectrum of action against both Gram-positive and Gram-negative bacteria, rickettsiae and chlamydia. Chloramphenicol binds specifically to the 50s subunit of 70s ribosomes, preventing its movement along messenger RNA, which occurs in the early stages of protein synthesis.

Indications

Ocuclor drops & ointment are used for the treatment of bacterial conjunctivitis and other superficial ocular infections caused by Chloramphenicol sensitive organisms, Infection prophylaxis pre and post-operatively, after chemical or other burn, trachoma, for prophylactic and therapeutic irrigation of the tear ducts.

Dosage and Application

Ocuclor Drops: Insert 1 drop into the conjunctival sac 2-4 times per day. In acute cases up to 1 drop every hour. Children: No specific data are available and thus no specific dosage recommendation can be given.

Ocuclor Ointment: It should be applied thinly and evenly to the conjunctival sac(s) 3-4 times daily.

Contraindications

Known hypersensitivity to any ingredient of the product, acute intermittent porphyria, severe blood disorders and hepatic dysfunctions due to bone marrow depression, new-born babies, family history of bone marrow depression

Side Effects

Local: Sensitivity reactions such as transient irritation, burning, stinging, itching and dermatitis, may occasionally occur.

Systemic: Rarely, cases of major adverse haematological events (bone marrow depression, aplastic anaemia etc.) have been reported following ocular use of Chloramphenicol.

Precautions

If no improvement is seen after 7-8 days' treatment, other therapeutic measures should be adopted. The treatment should also be discontinued in the presence of an allergic reaction. Caution is advisable when Chloramphenicol is administered to children. In very rare instances, cases of aplastic anemia were observed after topical long-term treatment (over 3 month's duration) with Chloramphenicol.

Drug Interactions

Chloramphenicol should not be administered simultaneously with bactericidal substances (penicillins, cephalosporins, gentamicin, tetracyclines, polymyxin B, vancomycin or sulphadiazine) since bacteriostatic antibiotics may inhibit bactericidal antibiotics.

Use in Pregnancy and Lactation

Safety for use in pregnancy and lactation has not been established, therefore, use only when considered essential by the physician.

Over Dose

Accidental ingestion of the medicine is unlikely to cause any toxicity due to low content of antibiotic.

Storage Conditions

Ocuclor Drops & Ointment: Store the dropper between 2-8° C & Store the ointment in a cool and dry place away from light. Keep out of reach of children. Do not touch the dropper tip or tip of the tube since this may contaminate the medicine. After one month of the opening do not use the medicine of dropper or tube.

Commercial Pack

Ocuclor Drops: Each plastic dropper bottle contains 10 ml sterile eye drops.

Ocuclor Ointment: Each tube contains 3 gm sterile eye ointment.

Manufactured by :

 **GENERAL**
Pharmaceuticals Ltd.
Unit-2, Gazipur, Bangladesh

