

Diflupred

Difluprednate

Sterile Ophthalmic Emulsion

Presentation

Diflupred: Each ml sterile eye emulsion contains Difluprednate INN 0.5 mg.

Preservative: Sorbic acid 0.1%

Pharmacological Action

Difluprednate is a corticosteroid. The action of difluprednate is to inhibit the phospholipase A₂ which is responsible for the biosynthesis of prostaglandin. Prostaglandin is a potent mediator of inflammation. During the production of prostaglandin difluprednate inhibit arachidonic acid synthesis step.

Indications

Difluprednate Ophthalmic Emulsion, 0.05% is indicated for the treatment of inflammation and pain associated with ocular surgery and the treatment of endogenous anterior uveitis, Corneal inflammation etc.

Dosage and Application

For post-operative inflammation: Instill one drop into the conjunctival sac of the affected eye 4 times daily beginning 24 hours after surgery and continuing throughout the first 2 weeks of the post-operative period, then taper as determined by the treating physician based on the clinical response.

For uveitis: Instill one drop into the conjunctival sac of the affected eye 4 times daily for 14 days.

Contraindications

Hypersensitivity to this drug or to any ingredient in the formulation or component of the container, or to other corticosteroids. Also contraindicated for suspected or confirmed infection of the eye: viral diseases of the cornea and conjunctiva, also fungal disease of ocular structures.

Side effects

Glaucoma may formed which is associated with optic nerve damage, visual acuity and field defects, cataract formation, secondary ocular infection

Precautions

- Only for ophthalmic use.
- Corticosteroids should not be used in case of an ocular infection.
- Prolonged use of corticosteroids may result in glaucoma with damage to the optic nerve, that's why if this product is used for 10 days or longer, intra-ocular pressure should be monitored.
- Difluprednate should not be instilled while wearing contact lenses.
- Prolonged use of corticosteroids may result cataract formation.
- The use of a corticosteroid medication in the treatment of patients with a history of herpes simplex requires great caution.

Drug Interactions

There is no evidence of drug interactions with Difluprednate ophthalmic. The preservative in Diflupred can interact with soft contact lenses. Diflupred should not be instilled while wearing contact lenses.

Over Dose

An overdose of difluprednate is not likely to cause life-threatening symptoms.

Use in Pregnancy and Lactation

Pregnancy Category C

It should be used during pregnancy only if the potential benefit justifies the potential risk to the fetus.

Nursing Mothers: Caution should be exercised when administered to a nursing woman.

Pediatric Use: Safety and effectiveness in pediatric patients have not been established.

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 surface since this may contaminate the solution. After one month of first opening, do not use the medicine of dropper.

Commercial Pack

Diflupred: Each plastic dropper bottle contains 5 ml sterile ophthalmic emulsion.

Manufactured by :

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



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