

# Infladex

Dexamethasone Sodium Phosphate 0.1%

## Sterile and Pyrogen free Eye/Ear Drops

### Composition

Each ml contains Dexamethasone Sodium Phosphate BP 1 mg,  
Preservative: Benzalkonium Chloride BP 0.1 mg

### Description

It is a sterile and pyrogen free ophthalmic preparation containing Dexamethasone - a cortisone derivative for topical administration to the eyes.

### Clinical Pharmacology

Dexamethasone is a cortisone derivative whose high activity due to the presence of methyl group in the 16-alpha position and of a fluorine atom in the 9-alpha position. The result is that its anti-inflammatory activity is 30 times greater and its overall therapeutic effectiveness 8-10 times greater than that of hydrocortisone. Like other glucocorticoids, it is anti-allergic, anti-exudative and anti-proliferative.

Therapeutic concentrations of Dexamethasone are found in both the cornea and aqueous humor 15-30 minutes after local application of single drop of 0.1% solution. These concentrations persist for 4-6 hours.

The action of Dexamethasone is to inhibit the phospholipase A<sub>2</sub>, the first step in prostaglandin synthesis. Also, Dexamethasone inhibits the chemotactic infiltration of neutrophils into the site of inflammation.

### Indications and Uses

It is indicated for the treatment of

- Allergic non-infectious blepharitis and conjunctivitis
- Non-infectious keratitis, punctate keratitis, disciform keratitis (provided the corneal surface is intact)
- Inflammation of the anterior uvea (iritis, iridocyclitis )
- Scleritis, episcleritis and myositis
- Post-operative management of cataract, strabismus & other ocular surgeries

### Dosage and Administration

Instill 1 drop into the conjunctival sac 3-5 times per day. Acute cases: up to 1 drop every hour if necessary.

### Contraindications

Injuries and ulcerating processes of the cornea, particularly those of bacterial or viral origin (herpes simplex, vaccinia), purulent infections of the conjunctiva and eyelids, tuberculosis, mycosis, glaucoma.

### Precautions

Corticosteroids may mask, activate or aggravate an infection of the eye. If no improvement is seen after a few days application, other form of treatment should be used. Do not touch dropper tip to any surface as this may contaminated the solution.

### Side-Effects

In predisposed patients, application of corticosteroids for a period of several weeks may cause a reversible rise in intraocular pressure. Pressure measurements at regular intervals are therefore essential.

### Use in Pregnancy & Lactation

Animal experiments with dexamethasone have shown adverse effect on the fetus. However, no control human studies are available. Dexamethasone ophthalmic preparation should be used during pregnancy only if the potential benefit justifies the potential risk to the fetus.

### Drug Interactions

Specific drug interaction studies have not been conducted with Dexamethasone.

### Overdosage

Overdose through local or accidental oral administration is not likely.

### Pharmaceutical Precautions

Store at room temperature & protect from light. It is desirable that the contents should not be used more than one month after first opening of the bottle.

### Commercial Pack

Plastic dropper bottle of 5 ml.

### Manufactured by

Popular Pharmaceuticals Ltd. for



For further query on the use of this medicine, consult to a registered Doctor or Pharmacist.