

# Apidex

Dexamethasone Sodium Phosphate BP 0.1%



STERILE  
EYE DROPS

#### **Composition:**

Each ml eye/ear drops contains Dexamethasone Sodium Phosphate BP 1 mg.

#### **Description:**

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 A2, the first step in prostaglandin synthesis. Also, Dexamethasone inhibits the chemotactic infiltration of neutrophils into the site of inflammation.

#### **Indications and usage:**

- Dexamethasone ophthalmic solution 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

#### **Contraindications:**

Injuries and ulcerating processes of the cornea, particularly those of bacterial or viral origin (herpes simplex, vaccine), 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 contaminate 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.

#### **Drug Interactions:**

Specific drug interaction studies have not been conducted with Dexamethasone.

#### **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.

#### **Storage:**

Store in a cool & dry place, protected from light, use within one month after the first opening & Keep out of the reach of children.

#### **Packing:**

Each plastic dropper bottle contains 5 ml sterile Eye Drops.