

# Tobra-AL-D

(Tobramycin Sulphate 0.3% w/v + Dexamethasone 0.01% w/v Eye Drops)

## Each ml Contains:

Tobramycin Sulphate IP ..... 0.3% w/v  
Dexamethasone IP ..... 0.01% w/v  
Excipients ..... q.s.

## Clinical Pharmacology:

**Tobramycin:** Tobramycin is an aminoglycoside antibiotic that inhibits bacterial protein synthesis by binding to the 30S ribosomal subunit. It is effective against a wide range of Gram-negative and some Gram-positive bacteria. Tobramycin is used to treat bacterial infections.

**Dexamethasone:** Dexamethasone is a potent corticosteroid with anti-inflammatory properties it acts by inhibiting multiple inflammatory cytokines, leading to decreased inflammation, edema, and tissue damage. Dexamethasone is used in combination with Tobramycin to reduce inflammation associated with bacterial eye infections.

## Indications:

- Bacterial conjunctivitis
- Blepharitis
- Keratitis
- Post-operative ocular inflammation
- Corneal ulcers

## Contraindications:

**Viral, fungal, or mycobacterial infections of the eye:** Contraindicated in patients with viral diseases of the cornea and conjunctiva, including herpes simplex keratitis, vaccinia, and varicella, and in those with mycobacterial or fungal eye infections.

**Hypersensitivity:** Contraindicated in patients with known hypersensitivity to Tobramycin, Dexamethasone, or any other components of the formulation.

**Precautions and Warnings:**

Prolonged use of topical corticosteroids like Dexamethasone<sup>®</sup> may result in increased intraocular pressure (IOP), leading to glaucoma, and may delay healing of ocular wounds. As with other antibiotic preparations, prolonged use may result in overgrowth of non-susceptible organisms, including fungi. Use with caution in pregnant or nursing women as the safety has not been fully established.

**Drug Interactions:**

**Other Topical Eye Medications:** If more than one topical ophthalmic drug is being used, administer the drugs at least 5 minutes apart.

**Systemic Corticosteroids:** Concurrent use of large doses of systemic corticosteroids and topical Tobramycin may result in additional systemic effects of corticosteroids.

**Adverse Effects:**

Common adverse reactions include eye irritation, discomfort, pruritus, redness. Most serious adverse effects include increased intraocular pressure, glaucoma, cataracts, secondary ocular infections.

**Overdosage:**

Overdosage is unlikely with ophthalmic use. In case of accidental ingestion, supportive measures should be initiated. For ocular overdose, flush the eye(s) with lukewarm water to remove the medication.

**Route of Administration:**

Instill 1-2 drops into the affected eye(s) every 4-6 hours, or as directed by a physician.

**Dosage:**

As directed by a physician. Typically, 1-2 drops in the affected eye(s) every 4-6 hours.

**Storage:**

Store below 25°C. Protect from light and moisture. Do not freeze. Keep out of reach of children.

**Presentation:**

Tobra-Al-D is available in a 5 ml sterile dropper bottle.

**Marketed By: Alpena Pharmaceuticals Pvt. Ltd.**