

# Moxolunic KT Eye Drop

**Moxolunic KT Eye Drops (Ketorolac 0.5% w/v + Moxifloxacin 0.5% w/v)**

## Introduction

Moxolunic KT Eye Drops combine **Ketorolac (0.5% w/v)**, a **non-steroidal anti-inflammatory drug (NSAID)**, and **Moxifloxacin (0.5% w/v)**, a **broad-spectrum fluoroquinolone antibiotic**, to provide **anti-inflammatory and antibacterial action** in the treatment of various **ocular infections and post-surgical eye conditions**. This combination is highly effective in reducing **inflammation, pain, and bacterial infections** associated with eye surgeries, conjunctivitis, and other eye disorders.

## Composition & Mechanism of Action

1. **Ketorolac Tromethamine (0.5% w/v)**
  - A **potent NSAID** that inhibits the production of **pro-inflammatory prostaglandins**, thereby reducing **pain, redness, and swelling** in the eye.
  - Used post-surgery to **prevent excessive inflammation** and provide relief from discomfort.
2. **Moxifloxacin (0.5% w/v)**
  - A **fluoroquinolone antibiotic** that blocks bacterial **DNA gyrase and topoisomerase IV**, thereby preventing **bacterial replication and growth**.
  - Effectively treats **bacterial conjunctivitis** and prevents post-operative **bacterial infections** in eye surgeries.

## Indications & Uses

Moxolunic KT Eye Drops are prescribed for:

1. **Post-Operative Inflammation & Infection Prevention** – After **cataract or LASIK surgery** to prevent bacterial infections and control inflammation.
2. **Bacterial Conjunctivitis & Eye Infections** – Treats **redness, discharge, and swelling** caused by bacterial infections.
3. **Corneal Ulcers & Keratitis** – Helps reduce bacterial load and associated inflammation.
4. **Pain & Inflammation due to Eye Trauma** – Used after **injuries, foreign body removal, or corneal abrasions**.

## Dosage & Administration

- **Standard Dosage:** 1 drop in the affected eye(s) every 6–8 hours, or as directed by an ophthalmologist.
- **Post-Surgical Use:** 1 drop every 6 hours for 7–14 days or per medical advice.
- **Instructions for Use:**
  - Wash hands before application.
  - Tilt head back, pull down the lower eyelid, and instill the drop.
  - Close the eye for a few seconds and avoid blinking.

- Do not touch the dropper tip to any surface to prevent contamination.
- If using multiple eye medications, wait at least **5 minutes** between applications.

## Precautions & Warnings

- Avoid use in **viral or fungal eye infections**.
- Not recommended for patients with a **history of NSAID allergy**.
- Do not wear **contact lenses** while using this medication.
- **Use with caution in pregnant or breastfeeding women**, under medical supervision.
- If irritation or redness worsens, discontinue use and consult a doctor.

## Side Effects

- Temporary **burning or stinging sensation** after instillation.
- Mild **eye irritation, redness, or dryness**.
- Rarely, **blurred vision or photophobia (light sensitivity)**.
- Prolonged use may **increase intraocular pressure**—monitor in long-term treatment.

## Storage & Handling

- Store at **room temperature (below 30°C)**.
- Keep the bottle tightly closed when not in use.
- Protect from direct sunlight and moisture.
- **Discard after 30 days** of opening to prevent contamination.

## Conclusion

Moxolunic KT Eye Drops offer a **dual-action approach** for the **treatment of ocular inflammation and bacterial infections**. Their combination of **Ketorolac (for pain and inflammation)** and **Moxifloxacin (for bacterial control)** makes them ideal for **post-surgical recovery, bacterial conjunctivitis, and inflammatory eye conditions**.

Manufactured in India for:



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