

# Moxigen XG

Moxifloxacin (Enriched with Xanthan Gum)  
Sterile Eye Drops

## Presentation

**Moxigen XG:** Each ml sterile eye drops contains Moxifloxacin Hydrochloride BP equivalent to Moxifloxacin 5 mg (enriched with Xanthan Gum BP).

*Preservative: Free*

Vehicle: Xanthan Gum BP 0.4%.

## Pharmacology

The antibacterial action of moxifloxacin results from inhibition of the topoisomerase II (DNA gyrase) and topoisomerase IV. DNA gyrase is an essential enzyme that is involved in the replication, transcription and repair of bacterial DNA.

## Indications

Moxigen XG solution is indicated for the treatment of bacterial conjunctivitis caused by susceptible strains of the following organisms:

Aerobic Gram-positive microorganisms: *Corynebacterium species*, *Micrococcus luteus*, *Staphylococcus aureus*, *Staphylococcus epidermidis*, *Staphylococcus haemolyticus*, *Staphylococcus hominis*, *Staphylococcus warneri*, *Streptococcus pneumonia*, *Streptococcus viridans group*.

Aerobic Gram-negative microorganisms: *Acinetobacter iwoffii*, *Haemophilus influenza*, *Haemophilus parainfluenzae*.

## Dosage and Application

One drop in the affected eye(s) 2 times daily for 7 days.

## Contraindications

None.

## Side Effects

The most frequently reported ocular side effects such as ocular discomfort, irritation etc. may occur.

## Precautions

Prolonged use may result in overgrowth of non-susceptible organisms, including fungi with other anti-infective.

## Drug Interactions

Drug-drug interaction studies have not been conducted with Moxifloxacin Hydrochloride.

## Use in Pregnancy

Moxifloxacin should be used during pregnancy only if the potential benefit justifies the potential risk to the fetus as there are no adequate and well-documented studies in pregnant women.

## Use in Lactation

Moxifloxacin has not been measured in human milk, although it can be presumed to be excreted in human milk. Caution should be exercised when Moxifloxacin is administered to a breast feeding mother.

## Pediatric Use

The safety and effectiveness of Moxifloxacin in infants below four months of age was not proven. However, several clinical studies show that the drug may be used safely in children even younger than one month of age.

## Geriatric Use

No overall differences in safety and effectiveness have been observed between elderly and younger patients.

## Over Dose

No information is available on over dose of Moxifloxacin.

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

## Commercial Pack

**Moxigen XG:** Each plastic dropper bottle containing 5 ml sterile eye drops.

Manufactured by:

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



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