

VISCOMAC - PFS

HPMC 2% IN A PRE-FILLED SYRINGE

Introduction:

VISCOMAC PFS is a visco-elastic high molecular weight solution of a non-inflammatory, highly purified grade of Hydroxypropyl methylcellulose 2%, clear, isotonic, sterile and non-pyrogenic for intraocular injection during surgery of the anterior segment of the eye.

VISCOMAC PFS provides *LEUR* lock which prevents accidental ejection of cannula.

Composition:

VISCOMAC PFS contains:

Hydroxypropyl methylcellulose Ophthalmic solution USP 2% w/v.
Sterile isotonic base q.s.

Properties:

Molecular Weight	: 80,000 daltons
Dynamic Viscosity	: 4000 cps
pH	: 7.3

Pharmacology

Hydroxypropyl methylcellulose is a nonpyrogenic viscoelastic solution that occupies space and protects tissue. When used in anterior segment surgeries, it allows for more efficient manipulation with less trauma to the ocular tissues, such as the corneal endothelium, by maintaining a deep chamber. The viscoelastic properties of Hydroxypropyl methylcellulose facilitate pushing back the vitreous face, which prevents the formation of a postoperative flat chamber.

Indications

VISCOMAC PFS is indicated as a surgical aid (medical device) during surgical procedures involving the anterior chamber of the eye, including extraction of the lens and insertion of intra-ocular lenses. It maintains the depth of the anterior chamber during the whole surgical procedure and permits greater operative precision without the risk of damaging the endothelium of the cornea or other intra-ocular tissues.

Contraindications

There are no contraindications if used as instructed.

Precautions

- Check the integrity of the packaging before use to ensure the product has remained sterile.
- The cannula and the syringe are for single intra-ocular use only.
- Each unit of Viscomac PFS is sterilized, before & after packing in the pouch, hence does not need autoclaving before surgery.
- The normal precautions associated with ocular microsurgery should be observed.
- The quantity injected into the anterior chamber of the eye must be adjusted according to the volume of the aqueous humour and the anatomical structure to be protected.
- Remove the entire product by irrigation and/or aspiration at the end of the procedure; mechanical blockage of drainage at the trabecular level may cause a transient increase in intra-ocular pressure after surgery.
- All postoperative inflammatory reactions (iritis, hypopyon, uveitis) are inherent in surgical procedures involving the anterior chamber of the eye, and no relationship with the product has been established.

Storage of VISCOMAC PFS:

Keep out of the reach of children.

Store away from heat and direct light.

Avoid freezing.

Pregnancy & Lactation

VISCOMAC PFS has not been shown to cause birth defects or other problems in humans. **VISCOMAC PFS** has not been reported to cause problems in nursing babies.

Drug Interactions

There are no specific drug interactions noted.

Adverse Reactions

A transient increase in intra-ocular pressure following surgery has been reported. This effect may be due to pre-existing glaucoma or to the surgery itself. Other adverse reactions include:

Increase in Intra-ocular pressure
Corneal edema or decompensation
Hypopyon.
Iritis

Dosage & Administration

As per Ophthalmologist' requirement.

Presentation

VISCOMAC PFS is available in 2 ml pre – filled syringe pack.