



IXIUM HPMC

Hydroxypropyl Methyl Cellulose 2%



DESCRIPTION :

IXIUM HPMC is a visco-elastic high molecular weight solution of a non-inflammatory, highly purified grade of Hydroxypropyl Methyl Cellulose 2%, clear, isotonic, sterile and non-pyrogenic for intraocular injection during surgery of the anterior segment of the eye. IXIUM HPMC is a sterile preparation supplied in a 2 mL pre-filled glass syringe Luer lock with disposable cannula.

CHARACTERISTICS :

IXIUM HPMC is a medical device for use during surgery involving the anterior chamber of the eye.

IXIUM HPMC

- maintains the depth of the anterior chamber of the eye and protects the peri-ocular tissues,
- has outstanding rheological properties,
- is completely transparent,
- is totally non-antigenic,
- is simple to remove from the anterior chamber,
- does not contain any proteins likely to cause inflammatory reactions and/or foreign body reactions,
- does not require refrigeration or any particular storage condition,
- does not interfere with the process of cicatrisation.

COMPOSITION :

name	function
Hydroxypropyl Methyl Cellulose	2000 mg viscosity
Sodium chlorid	900 mg isotonicity
Water for injection to	100 ml dissolution

PROPERTIES :

- 1• IXIUM HPMC is a clear, isotonic, sterile, non-pyrogenic, visco-elastic solution, iso-osmotic with aqueous humour, which contains two percent by weight of a highly purified grade of Hydroxypropyl Methyl Cellulose.
- 2• IXIUM HPMC is a visco-elastic gel, whose properties of elasticity, cohesion and coatibility provide ideal conditions for intraocular surgery. On account of its visco-elastic properties, IXIUM HPMC ensures protection of intraocular tissues, especially the endothelium of the cornea, during surgery.
- 3• IXIUM HPMC is used to maintain the depth and integrity of the anterior chamber of the eye, thus facilitating surgery.
- 4• IXIUM HPMC does not provoke any inflammatory or immunogenic reactions because it does not contain any proteins or biological constituents.
- 5• IXIUM HPMC is completely soluble in water and can therefore be easily removed by irrigation and aspiration during the intervention.

INDICATIONS : IXIUM HPMC 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 intraocular lenses. IXIUM HPMC 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 intraocular tissues.

PRECAUTIONS :

- Check the integrity of the packaging before use to ensure the product has remained sterile.
- The cannula and the syringe are for single intraocular use only.
- 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 all the 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 intraocular pressure after surgery.
- The product must be administered with care and under close monitoring, particularly in patients with pre-existing glaucoma and in cases of glaucoma surgery and where surgery is combined with extraction of the lens. If intraocular pressure rises above normal after surgery, appropriate treatment should be prescribed.
- All post-operative inflammatory reactions (iritis, hypopyon, uveitis) and oedematous corneal decompensation are inherent in surgical procedures involving the anterior chamber of the eye, and no relationship with the product has been established.

CONTRA-INDICATIONS : There is no contra-indications to the use of IXIUM HPMC, if used as instructed in the product information.

CLINICAL APPLICATIONS : In surgery involving the anterior chamber of the eye, IXIUM HPMC should be carefully injected into the anterior segment using a Luer lock cannula.

IXIUM HPMC may be injected before extracting the lens during capsulorhexis. At this stage of the operation, IXIUM HPMC protects the endothelium of the cornea from potential damage by surgical instruments. IXIUM HPMC may be injected into the anterior chamber several times during surgery to replace the product lost during the surgical procedure. At the end of the operation, IXIUM HPMC should be aspirated completely using an automatic irrigator/aspirator or an irrigation syringe. Never use the original IXIUM HPMC syringe.

MODE OF ADMINISTRATION AND ASSEMBLY OF THE SYRINGE : Open using sterile technique. Open the pack and place the contents on the sterile operating field. Connect the Luer lock cannula to the hub of the syringe by twisting down to the base and confirm correct assembly. Press down on the plunger gently to expel a few drops of the product to prevent the introduction of air bubbles into the anterior chamber of the eye.

STORAGE : IXIUM HPMC can be stored at room temperature. It must not be exposed a long time to higher temperatures, and must be protected from light and humidity.

For professional use only
IXIUM HPMC is a medical device CE 0120
Produced in France by LCA SA. 9, Allée Prométhée,
Z.I. Les Propylées F-28000 Chartres, France

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Designed and manufactured by :



LCA PHARMACEUTICAL
 9 allée Prométhée, F-28000 Chartres
 Phone : +33 (0)2 37 33 39 30
 Fax : +33 (0)2 37 33 39 39
 E-mail : lca@lca-pharma.com
 Web : www.lca-pharma.com



CE
0120

IXIUM HPMC MD033 070602

High-Performing Viscoelastic

Hydroxypropyl Methyl Cellulose 2%

IXIUM HPMC

VISCO DISPERSIVE



HIGH QUALITY
MADE IN FRANCE

NON ANIMAL ORIGIN

LCA PHARMACEUTICAL
EUROPEAN MAKER

THE
HIGH-QUALITY
COST-EFFECTIVE
SOLUTION

At each stage of the surgical procedure

IXIUM^{HPMC}

Hydroxypropyl Methyl Cellulose 2%

SAFE

HPMC molecule used in IXIUM^{HPMC} is of synthetic origin. Therefore IXIUM^{HPMC} contains no protein resulting of animal extraction. IXIUM^{HPMC} is a non inflammatory, non pyrogenic product.

IXIUM^{HPMC} is steam sterilised.

ECONOMICAL

IXIUM^{HPMC} can be stored at room temperature.

IXIUM^{HPMC} offers the highest efficiency/cost ratio

EFFICIENT

Hydroxypropyl Methyl Cellulose (HPMC) with its high coatibility, provides excellent corneal endothelial cell protection.

IXIUM^{HPMC} IS A MEDICAL DEVICE FOR USE DURING SURGERY INVOLVING THE ANTERIOR CHAMBER OF THE EYE.

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- has outstanding rheological properties,
- is completely transparent,
- is totally non-antigenic,
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- does not interfere with the process of cicatrisation.



IXIUM^{HPMC} comes in a glass syringes filled at 2 ml, offering a comfortable volume for even the most requiring procedures.