



VISCOELASTIC PORTFOLIO



WE ENABLE VISION

Our partnerships and local production enable a customer-centric approach for best outcomes in Cataract, Retina and Glaucoma surgery.



OERTLI
PLATFORMS AND
CONSUMABLES



CUSTOMER-CENTRIC
SOLUTIONS



ZERO
COST TO
MAINTAIN



CUSTOMISED
EYEPACKS



EXPERT
TECHNICAL
SUPPORT




ENVISION
AFRICA



Envision Africa is a supplier of Oertli Phaco and Vitrectomy Systems along with a portfolio of supplementary products that enable cataract, retinal and glaucoma surgery.

In this brochure, you will find information on our comprehensive and affordable range of viscoelastic substances, carefully selected to cater for all ophthalmic surgical applications.

We are continually evaluating new OVD's as they become available and our brochure information will be updated from time to time to include these.

ABOUT

Ophthalmic OVD's

Our range spans multiple concentrations of Sodium Hyaluronate (Cohesive), Chondroitin Sulphate and HPMC 2% (Dispersive). We also offer combination products such as Ixium Duo, Envision Duo and Envision Duo Plus.

Our products require NO refrigeration and the volumes of all the syringes are 1.0ml or more.

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Cohesive

NaHA

Sodium
Hyaluronate

HPMC

Hydroxypropyl
Methyl Cellulose

CS

Chondroitin
Sulphate

Dispersive

Dispersive
Cohesive

Our Viscoelastic Portfolio

KEY:

CS
Chondroitin Sulphate

NaHA
Sodium Hyaluronate

HCS
Chondroitin Sulphate
Sodium Hyaluronate

HPMC
Hydroxypropyl Methyl
Cellulose

Code	Description	HPMC	NaHA/ CS	NaHA	Volume
DISPERSIVE					
OFHPMC2	Ophthafutur HPMC 2%, 2ml	2.0%			2.0ml
NVHPMC2	Nano Visc HPMC 2%, 2ml	2.0%			2.0ml
214-0000	Ixium HCS 2.0%, 1ml		2.0% + 2.0%		1.0ml
MV014	AlsaVisc 3.0%, NaHa, 1.1ml			3.0%	1.1ml
COHESIVE					
211-0010	Ixium NaHA 2.0%, 1ml			2.0%	1.0ml
210-0010	Ixium NaHA 1.5%, 1ml			1.5%	1.0ml
MV011	AlsaVisc 1.0%, NaHA, 1.1ml			1.0%	1.1ml
MV012	AlsaVisc 1.4%, NaHA, 1.1ml			1.4%	1.1ml
MV013	AlsaVisc 1.6%, NaHA, 1.1ml			1.6%	1.1ml
MV018	AlsaVisc 1.8%, HaHA, 1.1ml			1.8%	1.1ml
COMBINATION					
215-0100	Ixium Duo 1.5% (HCS + NAHA) 2x1ml		2.0% + 2.0%	1.5%	1.0ml 1.0ml
EADP2014	Envision Duo Plus (Ixium HCS 2.0% + AlsaVisc 1.4%)		2.0% + 2.0%	1.4%	1.0ml 1.1ml
EAD3014	Envision Duo (AlsaVisc 3.0% + AlsaVisc 1.4%)			1.4% 3.0%	1.1ml 1.1ml

A new large volume, innovative viscoelastic for all phases of cataract surgery
| No refrigeration is required

IXIUM NaHA 1.5% & 2.0% - Cohesive

IXIUM NaHA 1.5% and IXIUM NaHA 2.0% are Sodium Hyaluronate visco-elastics with high molecular weight. They are non-inflammatory, highly purified, clear, isotonic, sterile and non-pyrogenic solutions for intraocular injection during surgery of the anterior segment of the eye.

Ixiu NaHA allows for ease of IOL implantation through the micro incision and maintains the depth of the anterior chamber during the surgical procedure permitting greater operative precision without the risk of damaging the endothelium.

IXIUM 1.5%
NaHA

IXIUM 2.0%
NaHA

Product	Volume	Viscosity	Cannula	HPMC	NaHA	CS	Storage
Ixiu NaHA	1.0ml	Cohesive	25G		1.5% or 2.0%		No Refrigeration Required

IXIUM HCS - Dispersive

Viscoelastic containing Chondroitin Sulphate that offers excellent endothelial protection and maintains anterior chamber stability due to the sodium hyaluronate component.

IXIUM HCS

Product	Volume	Viscosity	Cannula	HPMC	NaHA	CS	Storage
Ixiu HCS	1.0ml	Dispersive	25G		2.0%	2.0%	No Refrigeration Required



A two-in-one system that offers more protection and space | Two large volume syringes
| No refrigeration required

IXIUM DUO - Combination

A combination of a cohesive and dispersive viscoelastics packaged in one box with two syringes, for Capsulorhexis / Phacoemulsification (IXIUM HCS) and for IOL implantation (IXIUM NaHa 1.5%).

01 **Dispersive**



IXIUM HCS

CHONDROITIN SULFATE 2.0%
SODIUM HYALURONATE 2.0%

02 **Cohesive**



IXIUM NaHA 1.5%

SODIUM HYALURONATE 1.5%

Product	Volume	Viscosity	Cannula	HPMC	NaHA	CS	Storage
Ixiu NaHA	1.0ml	Cohesive	25G		1.5%		No Refrigeration Required
Ixiu HCS	1.0ml	Dispersive	25G		2.0%	2.0%	No Refrigeration Required

LCA PHARMACEUTICAL

Manufacturer: LCA PHARMACEUTICAL
Country of origin: France
Pre-filled glass syringe including disposable cannula



Pure sodium hyaluronate | Available in a wide range and high volumes at affordable prices

Sodium Hyaluronate in ALSAVISC is Non Animal based and obtained by 'RDNA bio-fermentation' methods. This High-tech Biotechnology procedure is developed to achieve Pure Hyaluronate from special transgenic microorganism expressing Human HA genes. Transgenic microorganism directly secretes HA out of cell in isotonic medium which significantly supports achieving non allergenic, endotoxin and exotoxin free OVD. This method reduces chemical solvent impurities by lowering the need for long purification processes unlike Animal Based or non-RDNA bio-fermented OVDs.

Transgenic microorganism directly secretes HA out of cell in isotonic medium which significantly supports achieving non allergenic, endotoxin and exotoxin free OVD. This method reduces chemical solvent impurities by lowering the need for long purification processes unlike Animal Based or non-RDNA bio-fermented OVDs.

■ Alsavisc - Cohesive & Dispersive

Extensive cohesive and dispersive range that provides outstanding optical clarity, easy implantation of IOL's, endothelial protection and a stable anterior chamber.

Product	Volume	Viscosity	Cannula	HPMC	NaHA	CS	Storage
Alsavisc 1.0%	1.1ml	Cohesive	27G		1.0%		No Refrigeration Required
Alsavisc 1.4%	1.1ml	Cohesive	27G		1.4%		No Refrigeration Required
Alsavisc 1.6%	1.1ml	Cohesive	27G		1.6%		No Refrigeration Required
Alsavisc 1.8%	1.1ml	Cohesive	27G		1.8 %		No Refrigeration Required

Product	Volume	Viscosity	Cannula	HPMC	NaHA	CS	Storage
Alsavisc 3.0%	1.1ml	Dispersive	27G		3.0%		No Refrigeration Required

03

ophtha futur[®]

Offering a highly purified HPMC 2% in a large volume for ophthalmic surgery

■ Ophthafutur HPMC 2% - Dispersive

This dispersive OVD is characterized by its good lubricating properties and allows for excellent visualization during cataract surgery. HPMC can be used intra- and extraocular and promotes endothelium protection.

Product	Volume	Viscosity	Cannula	HPMC	NaHA	CS	Storage
HPMC 2%	2.0ml	Dispersive	23G	2.0%			No Refrigeration Required



Manufacturer: Pharmapur
Country of origin: Germany
Pre-filled glass syringe including disposable cannula

04

NANOVISC

Cost effective | Large volume HPMC that assists with visualization.

■ Nanovisc 2% - Dispersive

Product	Volume	Viscosity	Cannula	HPMC	NaHA	CS	Storage
Nanovisc 2%	2.0ml	Dispersive	25G	2.0%			No Refrigeration Required

NANO VISION

Manufacturer: Nano Vision
Country of origin: India
Pre-filled glass syringe including disposable cannula

Envision Africa Duo Systems

Envision Africa Duo Systems are manufactured in Europe and Packaged locally.

Envision Duo & Envision Duo Plus offers you the best of both worlds in dispersive (3% Sodium Hyaluronate) and cohesive (1.4% Sodium Hyaluronate) products providing you with excellent endothelium cell protection and space maintenance.

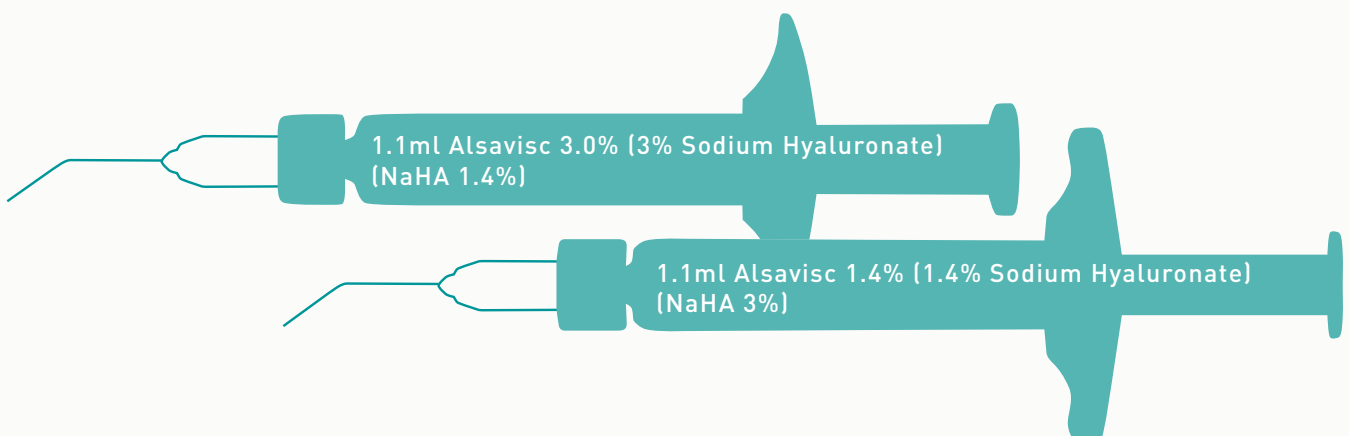


A more cost-effective duo system offering both cohesive and dispersive options for all phases of cataract surgery.

This innovative combination product provides unique features required for the perfect two step technique, fulfilling both cohesive and dispersive needs during cataract surgery.

The combination of two excellent European brands allows for the optimum outcome of cataract surgery. Providing a cost-effective solution without compromising on quality.

Product	Volume	Viscosity	Cannula	HPMC	NaHA	CS	Storage
Alsavisc 1.4%	1.1ml	Cohesive	27G		1.4%		No Refrigeration Required
Alsavisc 3.0%	1.1ml	Dispersive	27G		3.0%		No Refrigeration Required



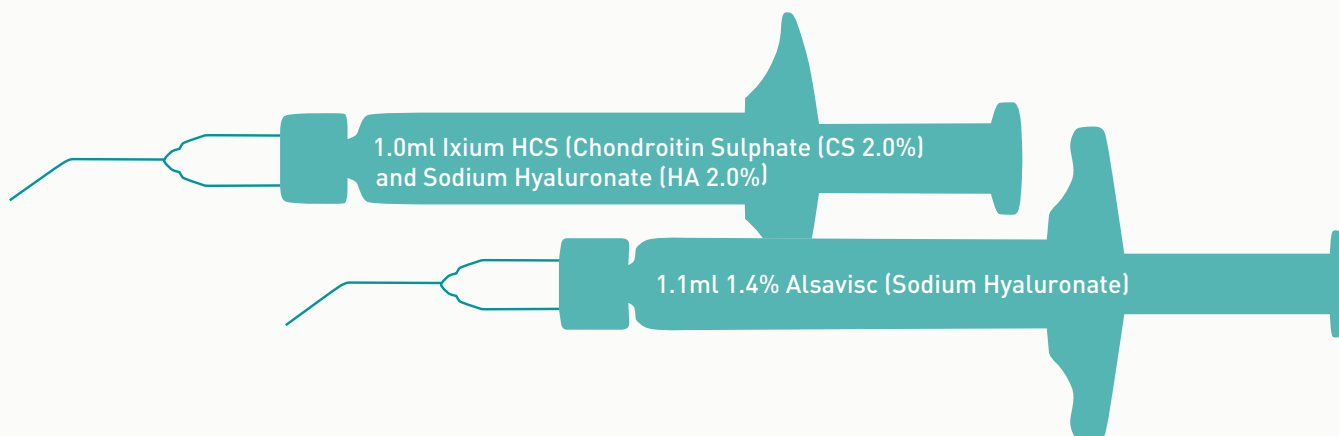


A two-in-one system with a large volume that offers you the best of both worlds providing a cohesive (1.4% Sodium Hyaluronate) and dispersive (2.0% Chondroitin Sulphate & 2.0% Sodium Hyaluronate) option.

A flagship offering providing you an extra large-volume.

Product	Volume	Viscosity	Cannula	HPMC	NaHA	CS	Storage
Alsavisc 1.4%	1.1ml	Cohesive	27G		1.4%		No Refrigeration Required
Ixium HCS		Dispersive	27G		2.0%	2.0%	No Refrigeration Required

- Individually packed HCS and NAHA.
- No need for refrigeration.



Packaged by Envision Africa (Pty) Ltd
Country of origin: Germany (Alsavisc) France (Ixium HCS)
Pre-filled glass syringe including disposable cannula



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