

PhysioVisc

Complete protection

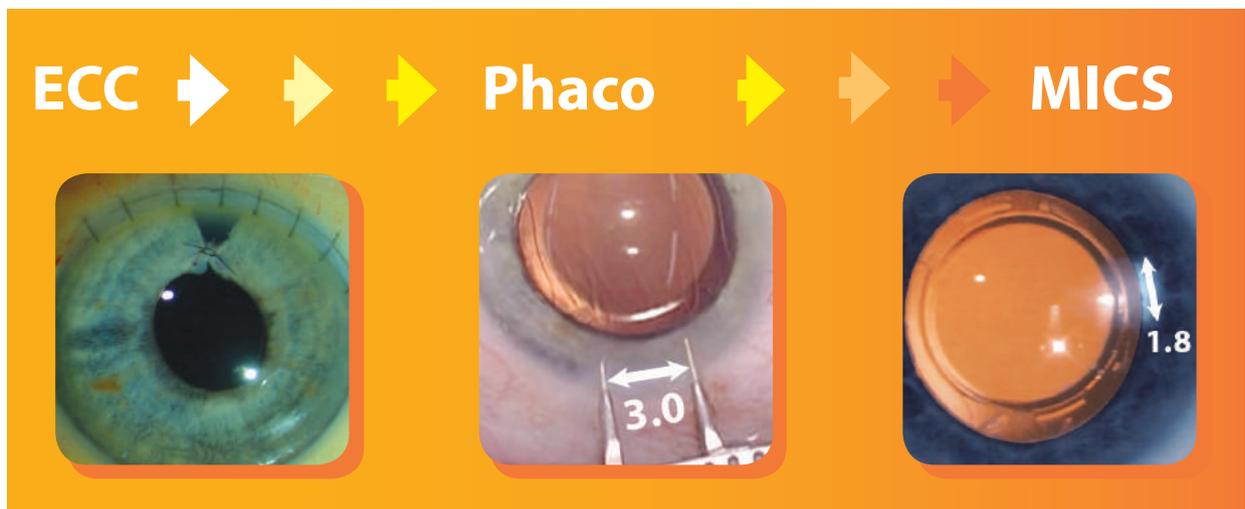


Complete innovation

Two key periods stand out in the history of ophthalmic viscosurgical devices (OVD): the discovery of the first OVD during the era of manual extracapsular cataract extraction, and the era of the first OVD specifically designed for phacoemulsification.

PhysioVisc® Integral supports the third stage in this evolution by meeting the new demands of phaco-refractive techniques using BiMICS or CoMICS microincision.

Highlights in the history of viscosurgical devices



Complete protection

PhysioVisc® Integral is designed to preserve the integrity of the spaces and tissues during all stages of phaco-refractive surgery. Its formulation has been developed to provide rheological behaviour that is intended to:

- offer good expansion of the AC
- allow good control over capsulorhexis
- preserve corneal transparency throughout surgery
- facilitate aspiration of the product at the end of surgery

**Expansion
of the AC**



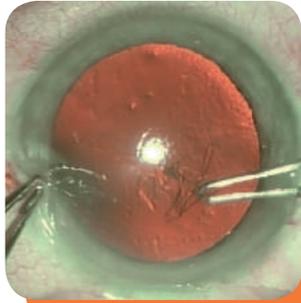
**Control
over rhexis**



**Corneal
protection**



**Easy
removal**



Complete simplicity

PhysioVisc® Integral is a simple, economical and effective solution for routine phaco-refractive surgery. Made from sodium hyaluronate which is produced by bio-fermentation, it is supplied in a ready-to-use 1ml syringe and comes with a thin 27G cannula.



A viscoelastic substance made from highly purified sodium hyaluronate produced by bio-fermentation.

NaHa Concentration: 1.55%

Average static viscosity at 25 °C: 170 000 mPa.s or cPs

Osmolality 330 ±30 mOsm/kg H₂O

pH 7.2 ± 0.2

Molecular mass: 2.6 million Daltons

Excipients: water for injection, sodium chloride, phosphate buffer and mannitol

Packaging: pre-filled 1ml syringe in individual blister pack with 27G cannula

Sterilization: Steam / ETO

The PhysioVisc® combination

PhysioVisc® Volume and PhysioVisc® Protect are two substances with different properties that can be used separately or in combination during surgery.

Maintain volume

PhysioVisc® Volume is designed to create and maintain space to provide comfort and safety during surgery. It allows the anterior chamber to be pressurised and the tissues stabilised. Its static viscosity is high and its behaviour is predominantly elastic.

Protect the tissues

PhysioVisc® Protect is designed to withstand hydrodynamic turbulence, selectively coat tissues and provide better stability in the anterior chamber. It has a suitable static viscosity, its shear strength is greater and its covering power is high.

Specifications	PhysioVisc® Volume	PhysioVisc® Protect
NaHa Concentration	1.55%	
Average static viscosity at 25 °	170 000 mpa.S or cPs	50 000 mpa.S or cPs
Molecular mass	2.6 million Daltons	1.2 to 3 million Daltons
Osmolality	330 ±30 mOsm/kg H2O	
pH	7.2 ± 0.2	
Excipients	water for injection, sodium chloride, phosphate buffer and mannitol	
Volume per syringe	0.55ml	0.5ml
Sterilisation	Steam / ETO	
Packaging	Pre-filled 1ml syringe in individual blister pack with 27G cannula	



Physiol®