

OPHTEIS® FR PRO

THE ONLY OVD WITH SORBITOL - FREE RADICAL SCAVENGING



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We've put a lot of fresh thinking into our new Ophteis® FR Pro. It's a unique bio-engineered ophthalmic visco-surgical device (OVD) containing free radical scavenging sorbitol - designed to deliver a new level of corneal endothelial protection from phaco induced trauma.

Sorbitol acts as an outstanding free radical scavenger, neutralising reactive oxygen species during surgery that causes damage to the endothelium, while also reducing the risk of inflammation.

Through the carefully bio-engineered composition of NaHA and sorbitol, Ophteis® FR Pro is transformed into a viscous cohesive. It is stable in the anterior chamber during phaco, providing excellent chamber maintenance and is easy to remove at the end of surgery.

It's everything you would demand from an OVD - and more.

OPHTEIS® FR PRO KEY BENEFITS

- Ophteis® FR Pro is the ONLY OVD with Sorbitol free radical scavenging.
- Ophteis® FR Pro reduces cell death by an average of 27.8% when compared to market leading OVDs*.
- Ophteis® FR Pro's bio-engineered composition of NaHA and sorbitol transforms the 2% NaHA dispersive solution into a viscous cohesive.
- A larger 1.2ml syringe gives you the confidence that Ophteis® FR Pro will support all elements of your cataract procedure.
- Unlike many OVDs, Rayner's Ophteis® FR Pro does not need to be refrigerated before use. With its stable rheology at room temperature you will enjoy consistent performance for every procedure.
- FR Pro is designed to protect the endothelium, provide excellent chamber maintenance and is fully validated with all Rayner IOL injectors.

NaHA Concentration	20 mg/ml
Sorbitol Concentration	40 mg/ml
NaHA Origin	Biofermentation
Classification	Viscous Cohesive
Syringe Volume	1.2ml
Cannula Gauge	27g
Average Molecular Weight	1.8 Mda
Average Osmolarity	325 mOsm/kg
PH	6.8 to 7.4
Storage	2°C to 25°C



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 **Rayner**
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* University of Brighton, UK, in vitro chemical and phaco free radical studies, data to be published.