

“ZEISS TWINVISC
completely meets our
expectations of safety
and performance.”

*Dr. Pierre Bouchut, MD, Bordeaux,
France, Thiers Ophthalmic Clinic*



ZEISS TWINVISC

Two OVDs, one syringe, an unique
solution

“ZEISS TWINVISC is a **unique approach** to the soft-shell
technique, where a dispersive OVD and a cohesive OVD have
been placed in a single syringe, separated by a stopper, for
planned sequential injection, making its use **very easy and
in a way 'automated'**.”

*Dr. Steve Arshinoff, MD FRCS, Toronto, Canada,
creator of the soft-shell technique*

“The **combination of** complementary **dispersive and
cohesive** products, the use of a **single syringe** and the
innovative Bypass system offer a performing, protecting
and easy to use OVD for the surgeon, whatever the surgical
technique and the incision size.”

*Dr. Thierry Amzallag, MD, Somain, France,
Ophthalmic Institute of Somain*

CE 0344



Hyaltech Ltd.
Starlaw Business Park
Livingston EH54 8SF
United Kingdom
www.zeiss.com/ovd
www.zeiss.com/med/contacts



Carl Zeiss Meditec AG
Goeschwitzer Str. 51–52
07745 Jena
Germany
www.zeiss.com/ovd
www.zeiss.com/med/contacts

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Seeing beyond



Surgeons share their experience
ZEISS TWINVISC

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ZEISS TWINVISC

Two OVDs, one device for each stage of the surgery

Combining a medium-viscosity dispersive and a viscous-cohesive viscoelastic in one syringe separated by an innovative bypass stopper system for a planned sequential injection. Providing an easy and unique approach to the soft-shell-technique.¹

- Reliable protection of the endothelium and other tissues during various surgical maneuvers
- Highly effective space creation and maintenance in the anterior chamber during IOL implantation¹
- Great retention during phacoemulsification²
- Excellent optical clarity²
- Ease of injection
- Fast and easy removal²



...the multitalent

¹ ZEISS: TWINVISC – Two OVDs, one syringe, a unique concept (User testimonial by S. Arshinoff), 2011

² G. U. Auffahrt et al.: Comparison of the performance and safety of 2 ophthalmic viscosurgical devices in cataract surgery. JCRS Vol. 43, Jan. 2017

Innovation at its best: The unique Bypass system

The innovative Bypass system in the stopper makes it possible to hold two different OVDs in two separate chambers in one single syringe.

The Bypass system is activated automatically by the pressure generated when the plunger is depressed to inject the second viscoelastic substance.

The viscoelastics in each chamber are expelled separately and consecutively, they do not mix together and are totally released.

The dispersive OVD of ZEISS TWINVISC®

is a 2.2 % solution of sodium hyaluronate derived from bacterial fermentation that has a low molecular weight and a low viscosity. These properties make it possible to inject the OVD via a fine 25-gauge cannula inserted easily into a small incision. The volume of dispersive OVD provided, 0.7 ml, is more than sufficient.

The cohesive OVD of ZEISS TWINVISC

consists of a 1.0 % solution of sodium hyaluronate derived from bacterial fermentation that has a high molecular weight and a high viscosity. The 0.7 ml volume of cohesive OVD provided is also very convenient



The ZEISS TWINVISC Bypass system

- Prevents any reflux of the dispersive OVD into the cohesive OVD
- Improves smooth delivery of both OVDs
- Enables the two OVDs to be expelled separately and consecutively
- Ensures that the two OVDs do not mix and are completely released

Please find more information about ZEISS TWINVISC on the product datasheet available on the website: www.zeiss.com/ovd