

“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 FRCSC, 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](http://www.zeiss.com/ovd)  
[www.zeiss.com/med/contacts](http://www.zeiss.com/med/contacts)

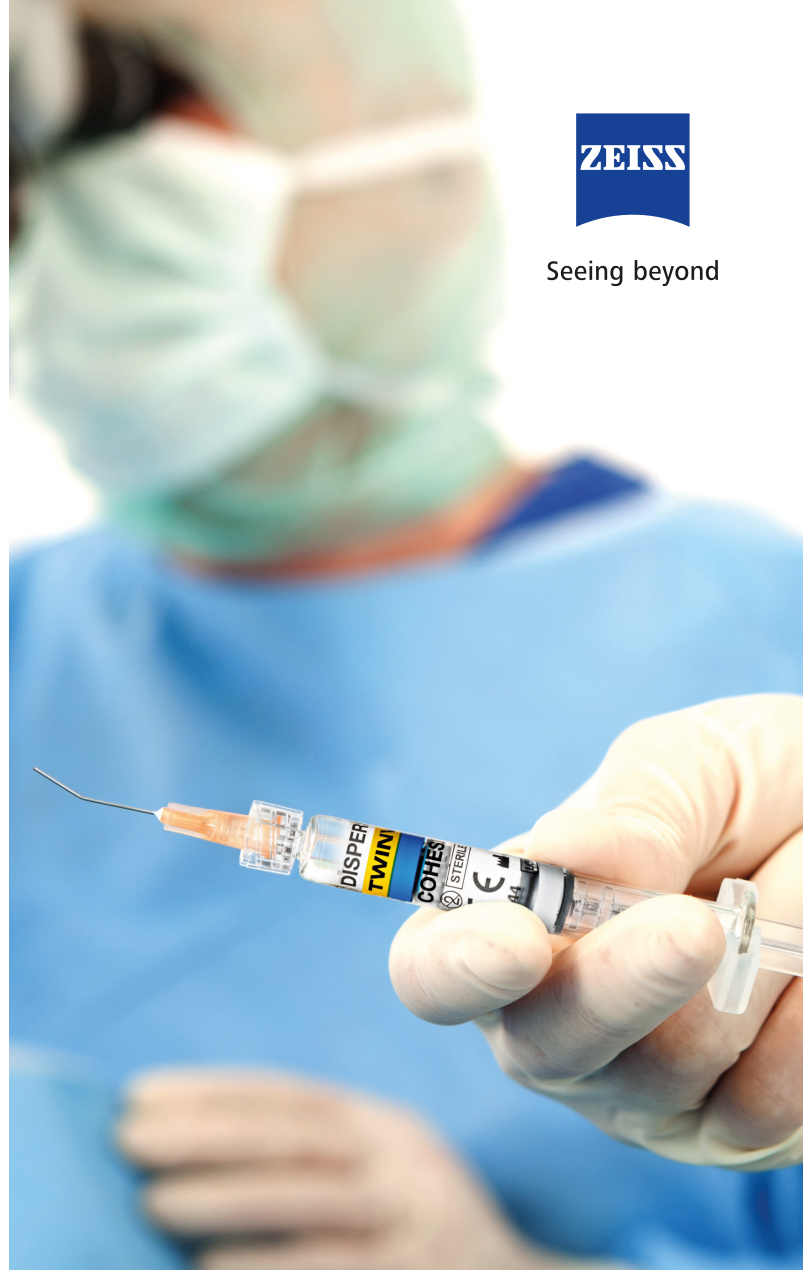


**Carl Zeiss Meditec AG**  
Goeschwitzer Str. 51–52  
07745 Jena  
Germany  
[www.zeiss.com/ovd](http://www.zeiss.com/ovd)  
[www.zeiss.com/med/contacts](http://www.zeiss.com/med/contacts)

EN\_32\_025\_003011 - Printed in Germany - CZ-1/2021 International edition. Only for sale in selected countries. The contents of the brochure may differ from the current status of approval of the product or service offering in your country. Please contact our regional representatives for more information. Subject to changes in design and scope of delivery and due to ongoing technical development. TWINVISC is a registered trademark of Carl Zeiss Meditec AG in Germany and/or other countries. © Carl Zeiss Meditec AG, 2021. All rights reserved.



Seeing beyond



**Surgeons share their experience**  
ZEISS TWINVISC

[zeiss.com/ovd](http://zeiss.com/ovd)

## 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.<sup>1</sup>

- Reliable protection of the endothelium and other tissues during various surgical maneuvers
- Highly effective space creation and maintenance in the anterior chamber during IOL implantation<sup>1</sup>
- Great retention during phacoemulsification<sup>2</sup>
- Excellent optical clarity<sup>2</sup>
- Ease of injection
- Fast and easy removal<sup>2</sup>



...the multitalent

### 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

**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.

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

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

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