

**Zirkonzahn<sup>®</sup>**

*Human Zirconium Technology*



**PRETTAU<sup>®</sup> 2 DISPERSIVE<sup>®</sup>**

*The Zirkonzahn Culture*

## PRETTAU® 2 DISPERSIVE® ZIRCONIA STRUCTURES ON ANODIZED TITANIUM BARS

Available data:

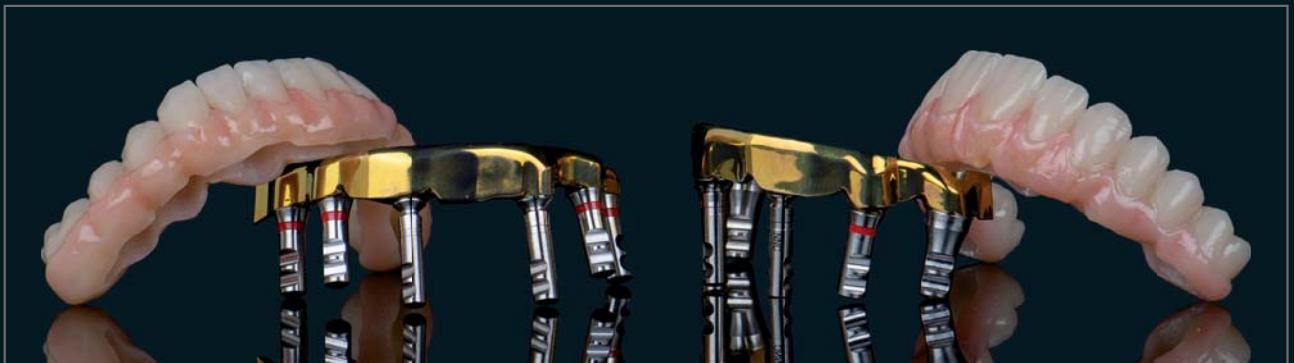
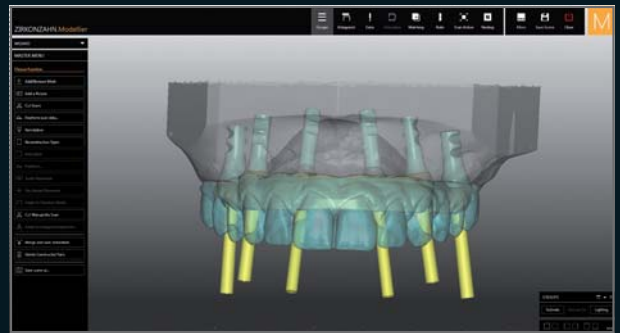
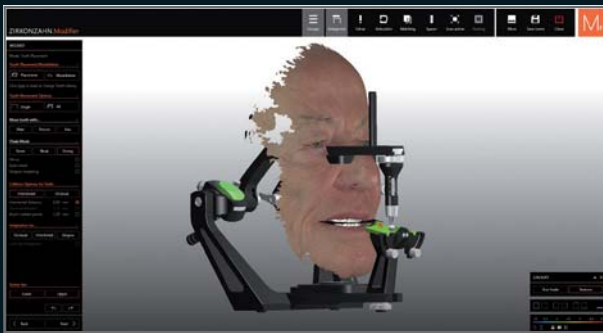
*Photos, 3D facial scans, X-ray data, digital master models, scans of the 2 immediate temporary restorations*

Planned restoration:

*Full-arch bridge for the upper and lower jaw made of Prettau® 2 Dispersive® zirconia on anodized titanium bars*

Realization:

- *Digital acquisition of the oral situation with the Face Hunter 3D facial scanner and PlaneSystem®*
- *Design of the first virtual tooth set-up with Zirkonzahn.Modifier*
- *Creation of prototypes in Multistratum® Flexible resin on titanium bases*
- *After an extended wear period: scans of the prototypes for the final restorations*
- *Design of the titanium bars in Zirkonzahn.Modellier on the basis of the wax-ups: the lingual and palatal sides of the bars were partially adopted from the prototypes design in order to incorporate the original shape into the final restoration*
- *Adjusting the wax-ups on the titanium bars, positioning the structures in Zirkonzahn.Nesting and milling in the M2 Dual Teleskoper milling unit using Prettau® 2 Dispersive® zirconia*
- *Temporary cementation of the structures on the titanium bars for further evaluation of esthetic and functional parameters on the patient*
- *Minimal veneering of the gingival area and characterization with ICE Stains 3D by Enrico Steger*
- *Anodization and cementation of the titanium bars into the zirconia structures*



# 100 % FUNCTION AND ESTHETICS, A SYMBIOSIS OF TITANIUM AND ZIRCONIA

*Dr. Manrique Fonseca – Switzerland*

*MDT Alexander Bassermann – Switzerland*







## NEW! PRETTAU® 2 DISPERSIVE®

- Pre-colored zirconia with a natural color gradient, optimal flexural strength and particularly high translucency
- No limitations! Ideal for monolithic full-arch bridges, but also for single crowns, inlays, onlays, veneers, bars and multi-unit bridges (reduced or monolithic)
- No ceramic chipping (thanks to monolithic design), no abrasion of the antagonist
- Can be characterized individually for each patient with Colour Liquid Prettau® Aquarell Intensive, ICE Ceramics and ICE Stains 3D by Enrico Steger



## HUMAN ZIRCONIUM TECHNOLOGY

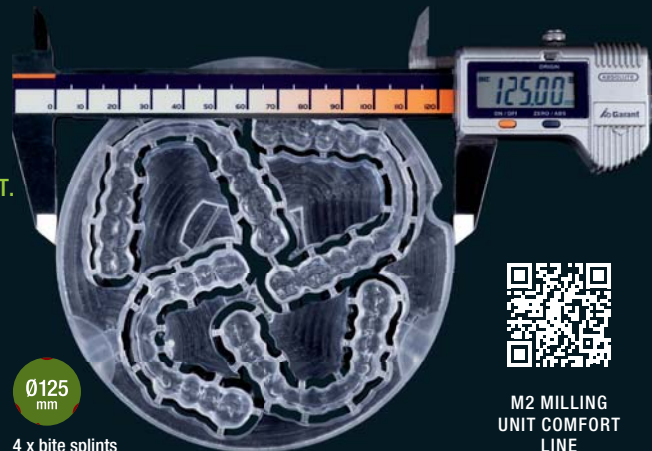
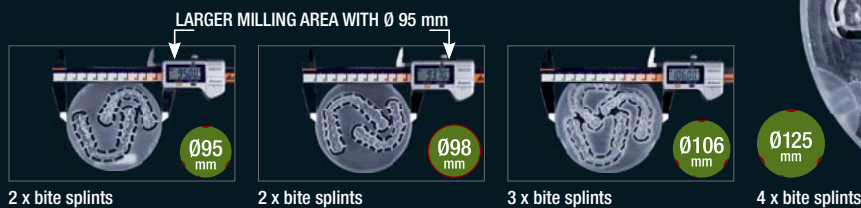
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125, 106, 98 AND 95 mm

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FULLY AUTOMATIC, FLEXIBLE, VIBRATION-FREE



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Errors and omissions excepted. Version: 11/11/2022