

**Zirkonzahn<sup>®</sup>**

*Human Zirconium Technology*

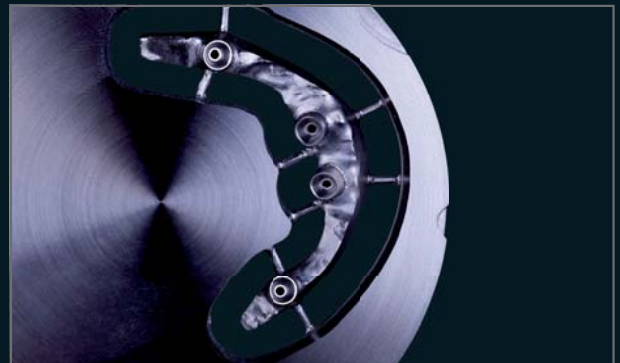
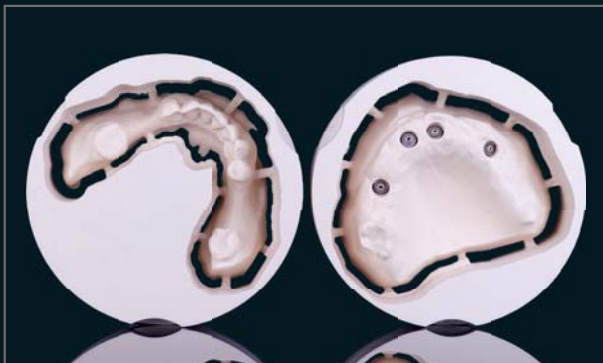
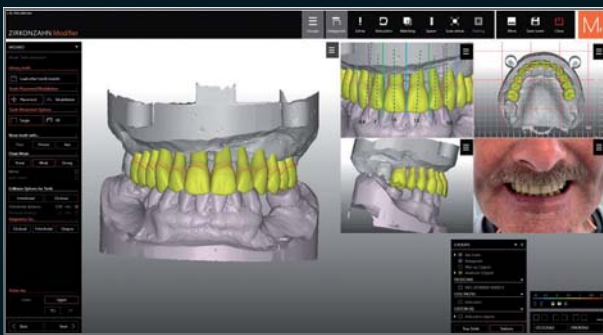


**PRETTAU<sup>®</sup> 2 DISPERSIVE<sup>®</sup>**

*The Zirkonzahn Culture*

## FULL ARCH IN PRETTAU® 2 DISPERSIVE® OVER TITANIUM BAR WITH EXTERNAL STOP

- Initial situation:* Male patient, middle-aged, maxillary edentulism with four implants, full denture temporary restoration, minimal space due to occlusal and anterior implant position, vertical dimension should be maintained
- Patient data:* Photos, master implant models, situ scans
- Planned restoration:* Bridge in Prettau® 2 Dispersive® over a titanium bar with external stop; zirconia structure can thus be designed more delicately
- Realisation:*
- Transfer patient data into virtual articulator
  - Titanium bar design in Zirkonzahn.Modellier based on situ scans of full denture; titanium bar (11–21) individualised using the Free-Form function
  - Export bar design as a wax-up into Zirkonzahn.Modifier. Complete virtual tooth setup with natural tooth libraries
  - Adapt virtual Prettau® Bridge to the bar in Zirkonzahn.Modellier; verification in the PSI virtual articulator
  - Mill titanium bar and zirconia bridge in pre-coloured Prettau® 2 Dispersive® in one milling process with the M2 Dual Wet Heavy Metal milling unit
  - Minimal colour accentuation and sintering of the zirconia structure
  - Finalise monolithic bridge with ICE Stains 3D
  - Layer gingival aspect with ICE Ceramics
  - Check result on milled implant model with ScanAnalog; bond bar into zirconia structure



# 100 % MONOLITHIC DESIGN, VENEERED ONLY IN THE GINGIVAL AREA

*Zirkonzahn Education Center Brunico, South Tyrol, Italy*



## NEW! PRETTAU® 2 DISPERSIVE®

- Pre-coloured zirconia with a natural colour 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 characterised individually for each patient with Colour Liquid Prettau® 2 Aquarell intensive colours, ICE Ceramics and ICE Stains 3D



## HUMAN ZIRCONIUM TECHNOLOGY

Zirkonzahn Worldwide – Tel +39 0474 066 680 – info@zirkonzahn.com – www.zirkonzahn.com

### NEW! M2 DUAL WET HEAVY METAL MILLING UNIT

ONE MACHINE,  
TWO MILLING CHAMBERS

FOR SEQUENTIAL WET AND DRY  
PROCESSING WITHOUT IN-BETWEEN  
CLEANING



WET

DRY



WEAB2677EN=