

Zirkonzahn®

Human Zirconium Technology



PRETTAU® 2 DISPERSIVE®

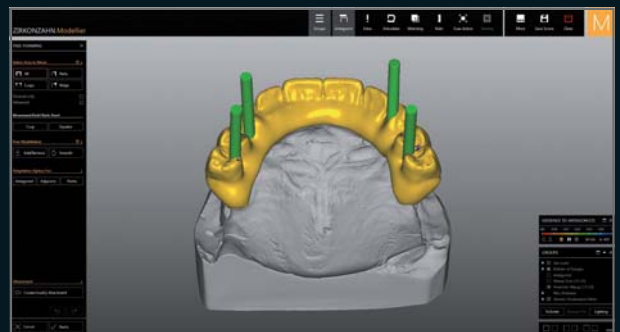
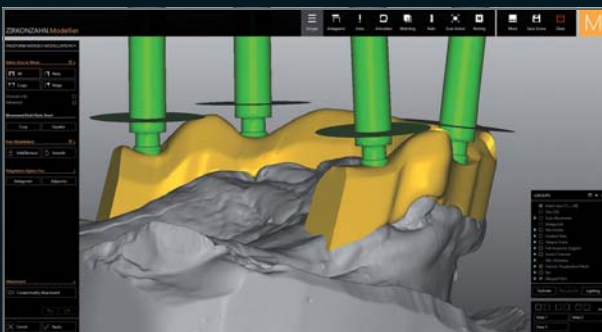
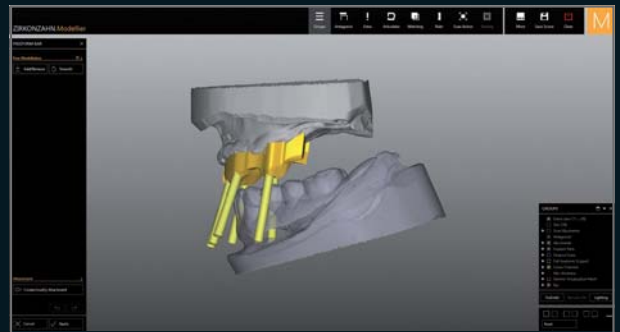
The Zirkonzahn Culture

PRETTAU® BRIDGE MANUFACTURED WITH THE DOUBLE SCREW METAL TECHNIQUE

Initial situation: Female patient with aesthetically displeasing temporary restoration; vestibular protrusion of the screw channels; strongly pronounced gap between right and left bridge (11–21)

Planned restoration: Maxillary Prettau® 2 Dispersive® zirconia restoration on two separate bars to better compensate the divergence of the implants

- Realisation:*
- Digital acquisition of the six implant positions and design of the bars in the Zirkonzahn.Modellier software with the free-forming function
 - Use of the Double Screw Metal function (in the attachment library) on the bars to create matching screw threads
 - Milling of titanium bars and screw threads with the M2 Dual Wet Heavy Metal milling unit and subsequent parallelisation
 - Prototype design with the Zirkonzahn.Modifier software and milling out of the Prime resin blank
 - Checking the fit of the prototype on the bars and subsequent veneering with Gingiva-Composites; try-in in the patient's mouth
 - After checking aesthetics, phonetics and function: Creation of the final Prettau® 2 Dispersive® zirconia restoration in A2 with Double Screw screw channels based on the prototype; sinterisation
 - Gold-coloured anodisation of the bars
 - Veneering of the gingival area with Fresco Gingiva in combination with ICE Stains 3D by Enrico Steger



INTELLIGENT SOLUTIONS, THANKS TO ZIRKONZAHN'S DIGITAL WORKFLOW

Dr. Fernando Rojas-Vizcaya – Castellón, Spain

DT Samuele Zanini – 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 monolithic 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 Liquids Prettau® Aquarell Intensive, ICE Ceramics, Fresco Ceramics and ICE Stains 3D by Enrico Steger



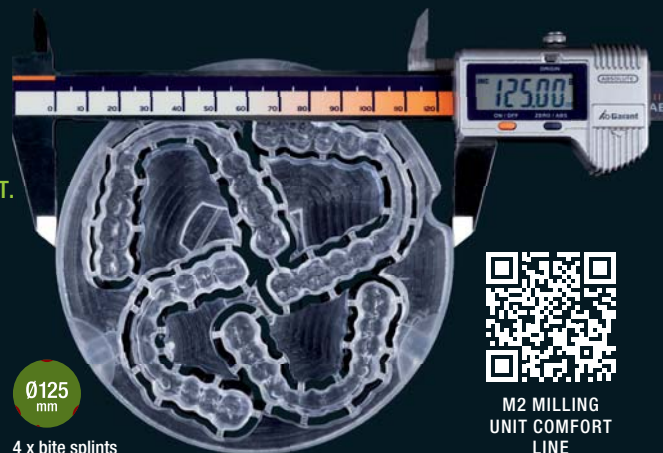
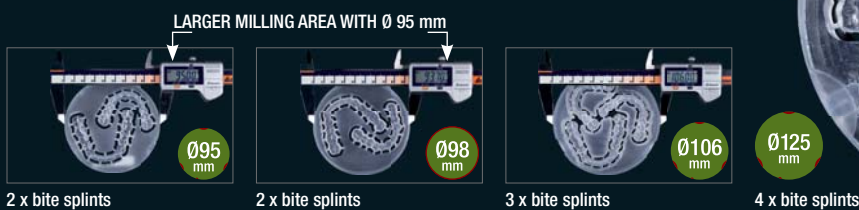
HUMAN ZIRCONIUM TECHNOLOGY

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NEW! 1 ORBIT – 4 DIAMETERS

125, 106, 98 AND 95 mm

M2 MILLING UNIT COMFORT LINE WITH EXTRA-LARGE TELESKOPER ORBIT. FULLY AUTOMATIC, FLEXIBLE, VIBRATION-FREE



M2 MILLING
UNIT COMFORT
LINE



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