

Zirkonzahn®

Human Zirconium Technology



PRETTAU® 2

The Zirkonzahn Culture

COMPLETE PRETTAU® 2 ZIRCONIA RESTORATION ON ANODISED TITANIUM BARS

Available data:

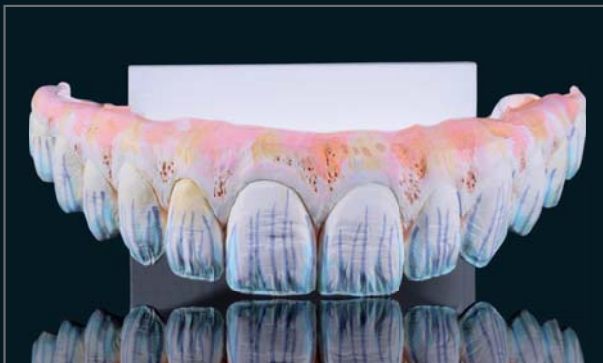
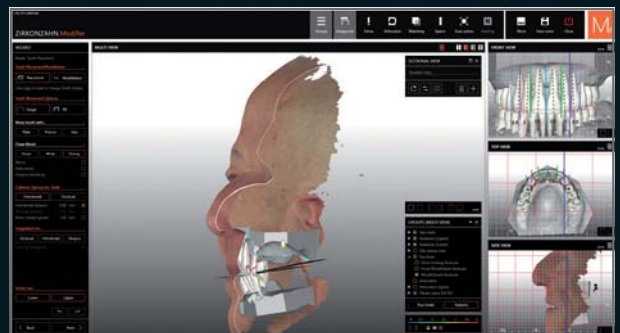
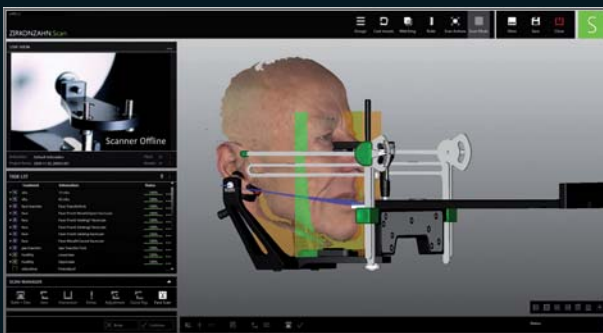
Photos, 3D facial scans, digital situation of the mouth, X-ray data, digital master models, cross-mounted scans of immediate provisional

Planned restoration:

Full-arch maxillary and mandibular bridges made of Prettau® 2 on anodised titanium bars

Realisation:

- *Digital mounting of the oral situation with Face Hunter 3D facial scanner and PlaneSystem®*
- *Design of the first virtual 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 restoration*
- *Design of 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 upper and lower wax-ups on titanium bars, positioning the structures in Zirkonzahn.Nesting and milling in the M2 Dual Teleskoper milling unit*
- *Colour infiltration with Colour Liquids Prettau® 2 Aquarell and sintering at 1600 °C*
- *Temporary cementation of Prettau® 2 structures on titanium bars for further verification of aesthetic and functional parameters*
- *Minimal veneering of the gingival area with Fresco Gingiva and characterisation with ICE Stains 3D by Enrico Steger*
- *Anodisation and bonding of the titanium bars in the zirconia structures*



100 % FUNCTION AND AESTHETICS A SYMBIOSIS OF TITANIUM AND ZIRCONIA

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Dr. med. dent. Manrique Fonseca

MDT Alexander Bassermann





NEW! PRETTAU® 2

- Particularly highly translucent zirconia with an excellent flexural strength
- No limitations! Especially suitable for full arch restorations (full anatomical or reduced for ceramic veneering), but also for single crowns, inlays, onlays, veneers, bars and multi-unit bridges
- No ceramic chipping (thanks to monolithic design), no abrasion of the antagonist
- Can be characterised individually for each patient with Colour Liquids Prettau® 2 Aquarell, ICE Ceramics, Fresco Ceramics and ICE Stains 3D by Enrico Steger
- Available also pre-coloured with a natural colour gradient (Prettau® 2 Dispersive®)



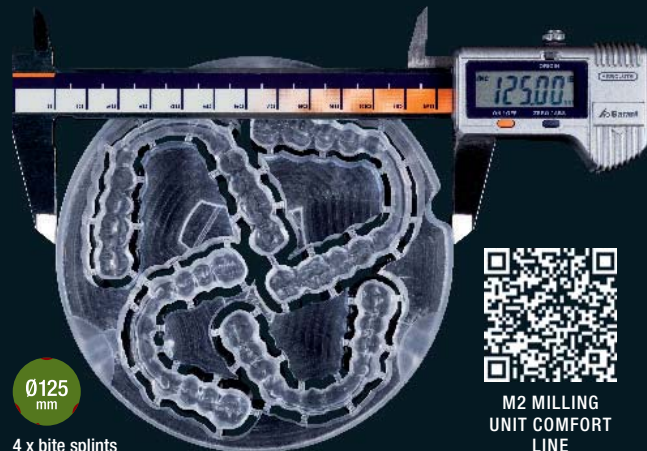
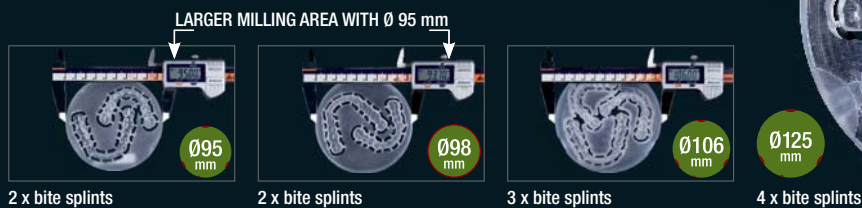
HUMAN ZIRCONIUM TECHNOLOGY

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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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