

**Zirkonzahn®**

*Human Zirconium Technology*



**PRETTAU® 2 ZIRCONIA – MADE BY CAD/CAM**

*“Perfection through perseverance” Enrico Steger*

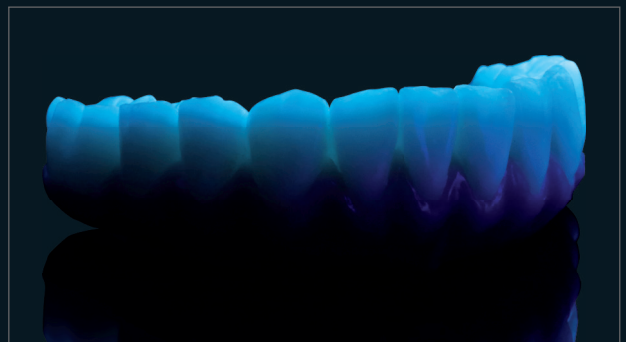
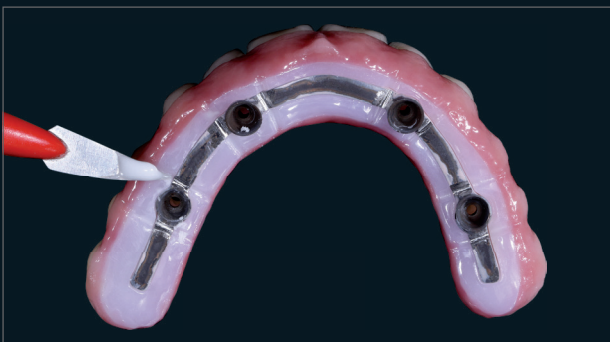
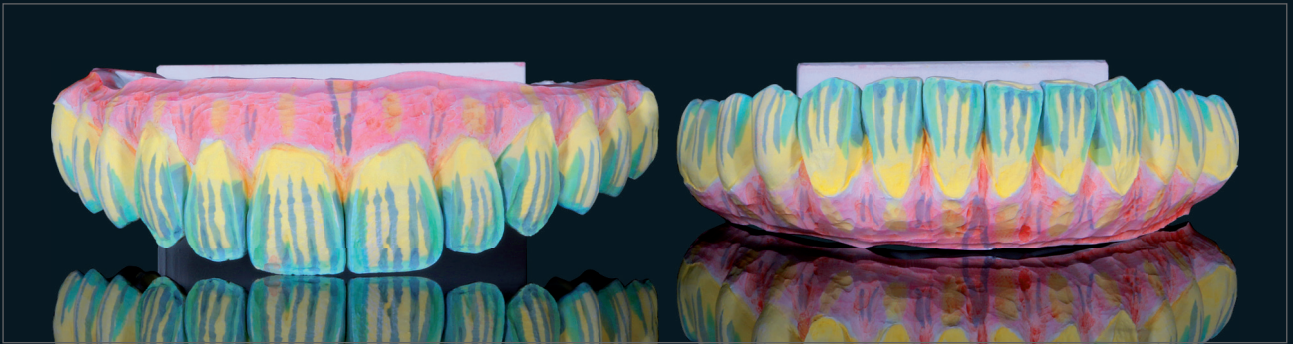
## COMPLETE RESTORATION WITH PRETTAU® 2 ON ANODISED TITANIUM BARS

*The present case describes the treatment of an edentulous patient after the healing phase. The patient was provided with a prototype made of Multistratum® Flexible resin, which he wore for over one year showing satisfaction in terms of both function and aesthetics. The prototype could then be used for the creation of the final prostheses made of Prettau® 2 zirconia. The patient's edentulism and the implants positions required the manufacture of titanium bars, in order to provide the final restorations with additional stability. The titanium bars were designed and milled in the M4 Wet Heavy Metal milling unit taking the digitised prototype into account. For the fabrication of the Prettau® 2 zirconia bridges, the titanium bars – previously opaqued – were digitally combined with the wax-ups of the prototypes. Subsequently, the milled structures were slightly reduced in the anterior region for a minimal ceramic layering – even though the special aesthetic properties of Prettau® 2 zirconia reduces the need for ceramic veneering, then individualised with Colour Liquid Prettau® 2 Aquarell and sintered. ICE Zirkon Stains Glaze Fluo was also applied to endow the restoration with natural fluorescence. In order to bond the Prettau® Bridges to the titanium bars according to a newly developed process (patent pending), Fusion Powder was used. Fusion Powder was first mixed with Stain Liquid to form a paste, which was then applied to the zirconia restorations' inner areas and evenly spread after the titanium bars had been inserted. Afterwards, the structures were firmly bonded together in the ceramic furnace through a fusion process. The job was concluded with the titanium bars' high-gloss polish and anodisation in a golden shade.*



# 100% FUNCTION AND AESTHETICS

*DT Michele Frapporti – Zirkonzahn Education Center Brunico, South Tyrol*



## 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 the fully anatomical design), no abrasion of the antagonist
- Can be characterised individually for each patient with Colour Liquids Prettau® 2 Aquarell, ICE Zirkon Ceramics and ICE Zirkon 3D Stains by Enrico Steger
- Soon available in a polychromatic version, with natural colour transition (Prettau® 2 Dispersive®)

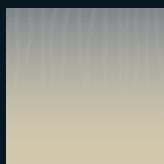


## HUMAN ZIRCONIUM TECHNOLOGY

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PRETTAU®

T1



COLOUR  
LIQUID

PRETTAU® 2

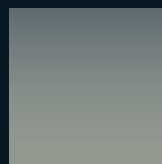
T2



DISPERSIVE®

PRETTAU® 3

T3



DISPERSIVE®

PRETTAU® 4  
ANTERIOR®

T4



DISPERSIVE®



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