

Zirkonzahn[®]

Human Zirconium Technology

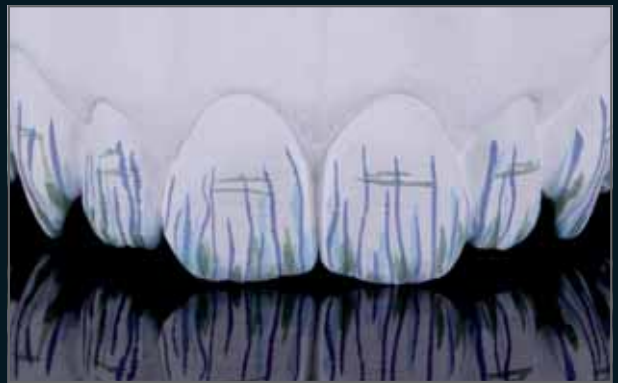


PRETTAU[®] 2 DISPERSIVE[®] – MADE BY CAD/CAM

“Perfection through perseverance” Enrico Steger

PRETTAU® BRIDGE MADE OF PRETTAU® 2 DISPERSIVE® ON ANODISED TITANIUM BAR

Fabrication of zirconia restorations on titanium bars once required a two-step CAD/CAM workflow. From digitised models or intraoral scans, the titanium bar first had to be digitally designed and then milled. The primary structure would then be rescanned to adapt the virtual setup over the bar for final processing of the superstructure. This complex process has been considerably simplified by the continuous development of our software and milling units. The presented maxillary restoration, crafted with Prettau® 2 Dispersive®, was designed with the titanium bar in the Zirkonzahn.Modellier software simultaneously. Both structures were milled in a single manufacturing process with the two-chamber M2 Dual Wet Heavy Metal milling unit. The two isolated milling chambers allow dry and wet milling without intermittent cleaning. Our newly developed Prettau® 2 Dispersive® also provides significant simplifications. As the material is pre-coloured with a natural colour gradient, manual colour infiltration is not necessarily required. For patient-specific results, a light accentuation with Colour Liquid Prettau® Aquarell intensive colours and surface design with ICE Stains 3D are sufficient. Given its excellent aesthetic properties, ceramic veneering is not required in the dental region, and ceramic chipping can therefore be excluded. Finally, to mask the cemented bar under the zirconia structure, the titanium was gold-plated with the Titanium Spectral-Colouring Anodizer.

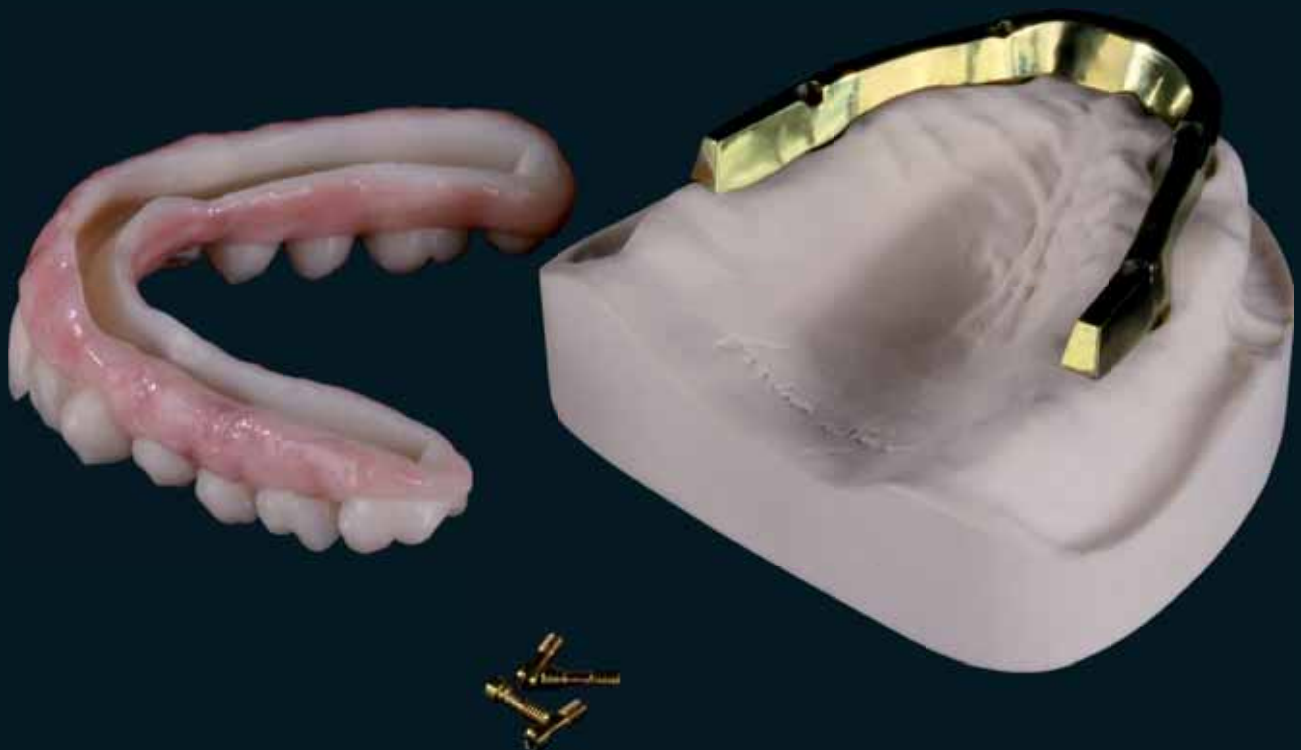


MONOLITHIC DESIGN, VENEERED ONLY IN THE GINGIVAL AREA

MDT Antonio Corradini – Zirkonzahn Education Center Brunico, South Tyrol, Italy

*Tech Tip: Anodise titanium structures for reduced gray value
shining through zirconia structures with the*

TITANIUM SPECTRAL-COLOURING ANODIZER!



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 3D Stains

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



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