

Zirkonzahn[®]

Human Zirconium Technology

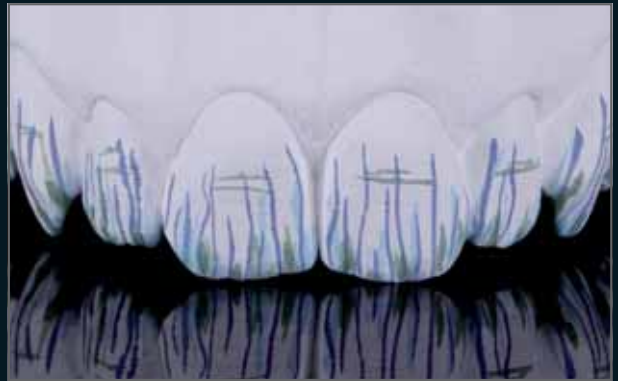


PRETTAU[®] 2 DISPERSIVE[®] – MADE BY CAD/CAM

“Perfection through perseverance” Enrico Steger

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

Fabrication of zirconia restorations on titanium bars once required a two-step CAD/CAM workflow. From digitized models or intraoral scans, the full-service lab had to first digitally model and mill the titanium bar. 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. 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-shaded with a natural color gradient, manual color infiltration is not necessarily required. For patient-specific results, a light accentuation with Colour Liquid Prettau® Aquarell intensive colors and surface design with ICE Zirkon Stains 3D by Enrico Steger are sufficient. Given its excellent esthetic properties, ceramic veneering is not required in the dental region, mitigating risk of ceramic chipping. Finally, to mask the cemented bar under the zirconia structure, the titanium was gold-plated with the Titanium Spectral-Colouring Anodizer.

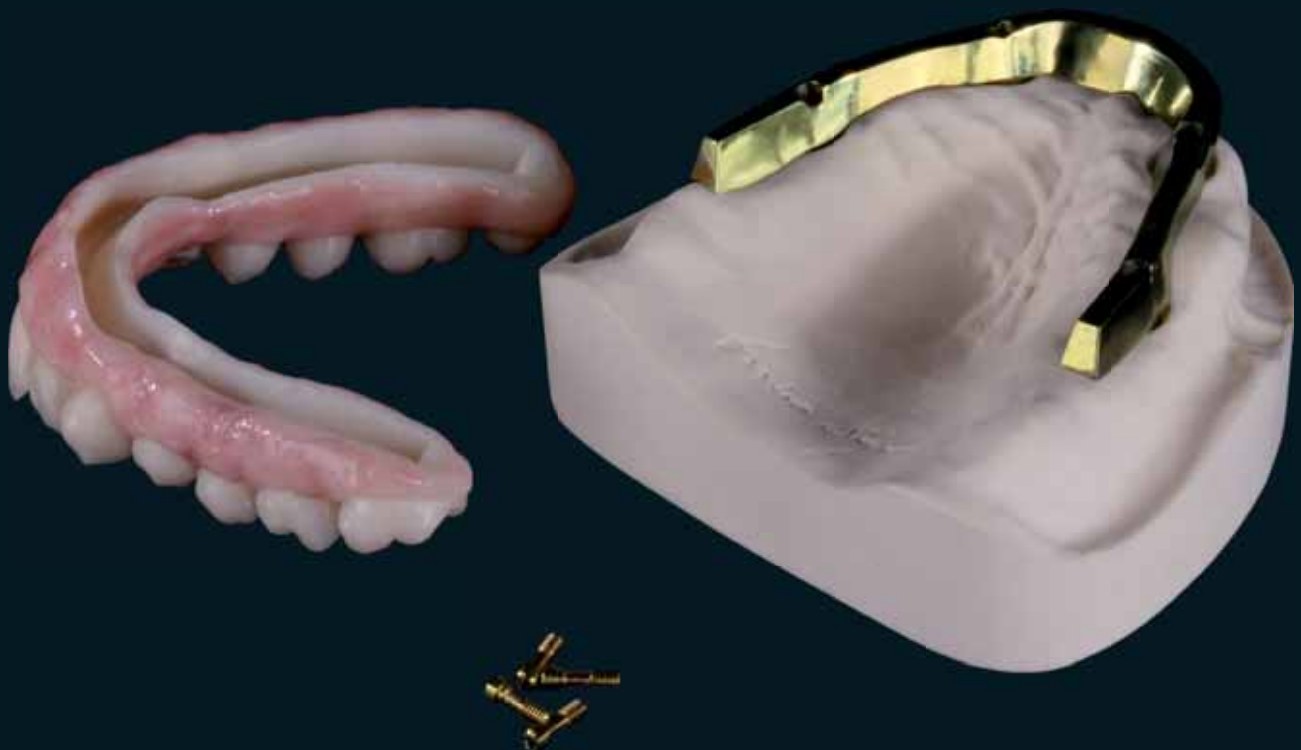


MONOLITHIC DESIGN, VENEERED ONLY IN THE GINGIVAL AREA

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

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

TITANIUM SPECTRAL-COLOURING ANODIZER!



NEW! PRETTAU® 2 DISPERSIVE®

- Pre-shaded zirconia with natural color gradient, optimal flexural strength and high translucency
- No limitations! Ideal for monolithic full arch bridges, but also for single units, inlays, onlays, veneers, bars and multi-unit bridges (reduced or monolithic)
- Limited ceramic chipping (thanks to monolithic design), no abrasion of the antagonist
- Can be characterized individually for each patient with Colour Liquid Prettau® 2 Aquarell intensive colors, ICE Zirkon Ceramics and ICE Zirkon 3D Stains by Enrico Steger

HUMAN ZIRCONIUM TECHNOLOGY

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NEW! M2 DUAL WET HEAVY METAL MILLING UNIT

FLEXIBLY CONFIGURABLE TWO-
CHAMBER MILLING UNIT FOR WET
AND DRY PROCESSING WITHOUT
IN-BETWEEN CLEANING



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