

# Zirkonzahn<sup>®</sup>

*Human Zirconium Technology*

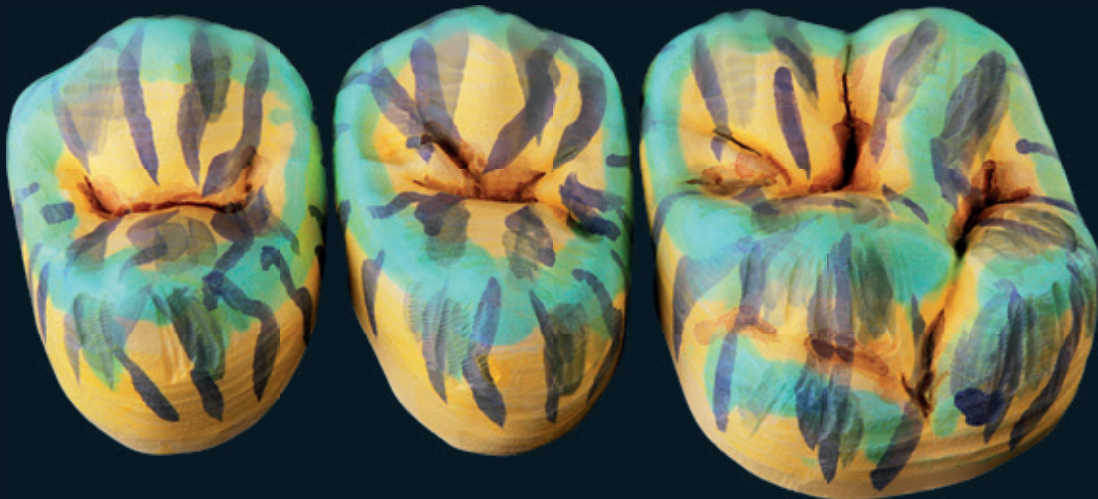


**100% PRETTAU<sup>®</sup> AESTHETICS – MADE BY CAD/CAM**

*“Zirconia needs heroes” Enrico Steger*

## *Prettau® Anterior® crowns on a Prettau® Zirconia structure*

For the present case we combined two different zirconia materials to obtain a metal-free and highly aesthetic solution. To provide proper rigidity and strength, we used Prettau® Zirconia for the primary structure. We first produced the individual crowns from high-translucency Prettau® Anterior®. Using the Heroes Collection virtual tooth library, we first created a complete tooth set-up. The digitally designed teeth were “cut back” and milled from Prettau® Zirconia. The resulting structure received a slight manual finish and was stained and densely sintered. We then scanned the structure as a primary structure and shaped the fully contoured single crowns based on the wax-up. The crowns were then milled from Prettau® Anterior®. In the anterior incisal region we manually created a few small grooves and depressions to obtain more contrast and depth effects. We then stained the crowns with Colour Liquid Prettau® Anterior® Aquarell and sintered them. The result already exhibited very nice and natural aesthetics, which was further refined incisally with a touch of incisal material. The surface of the crowns was stained with ICE Zircon Stains 3D by Enrico Steger and glaze-fired. Finally, we fired the crowns onto the primary structure using a special glaze material and added multiple layers of different composites for gingiva reconstruction.



*Prettau® – Masterly Aesthetics*

Georg Walcher – Zirkonzahn Education Center Brunico, South Tyrol (Italy)





*Milled with the CAD/CAM System 5-TEC*

## HUMAN ZIRCONIUM TECHNOLOGY

Zirkonzahn Worldwide – T +39 0474 066 680 – [info@zirkonzahn.com](mailto:info@zirkonzahn.com) – [www.zirkonzahn.com](http://www.zirkonzahn.com)

