

Zirkonzahn[®]

Human Zirconium Technology



100% PRETTAU[®] ZIRCONIA – MADE BY CAD/CAM

“Zirconia needs heroes” Enrico Steger

“All-on-Four” Prettau® Bridge on the maxilla

Starting point for this prosthesis' construction was a treatment plan which envisaged reproduction of the diagnostic full denture. The latter was scanned with the optical structured-light Scanner S600 ARTI and then merged with model and scanned anatomical data by the Zirkonzahn.Implantplanner design software using the 'matching' function. Thus it was possible to optimally adapt the implants to available bone structure and blend with the diagnostic denture. A placement template with the intended position of the implants was constructed. Following this, a temporary denture made from try-in material was milled with the M5 Milling Unit in order to check functional and aesthetic requirements in preparation for the final restoration. Treating dentist and technical team decided to prescribe an implant-borne restoration milled by CAD/CAM which was to be screw-retained by four implants (“All-on-four”). The choice of materials favoured monolithic Prettau® Zirconia, with vestibular and gingival layers of ICE Zirkon Ceramic veneer porcelain. The Prettau® Bridge constructed in this way provided a robust, precise, aesthetic and durable solution. The advantage: The technician was able to concentrate his main efforts on the labial layering of the anteriors. Therefore the patient was extremely pleased with the aesthetic outcome in particular, which is always a vital key to success for the whole team.



The Prettau® Bridge

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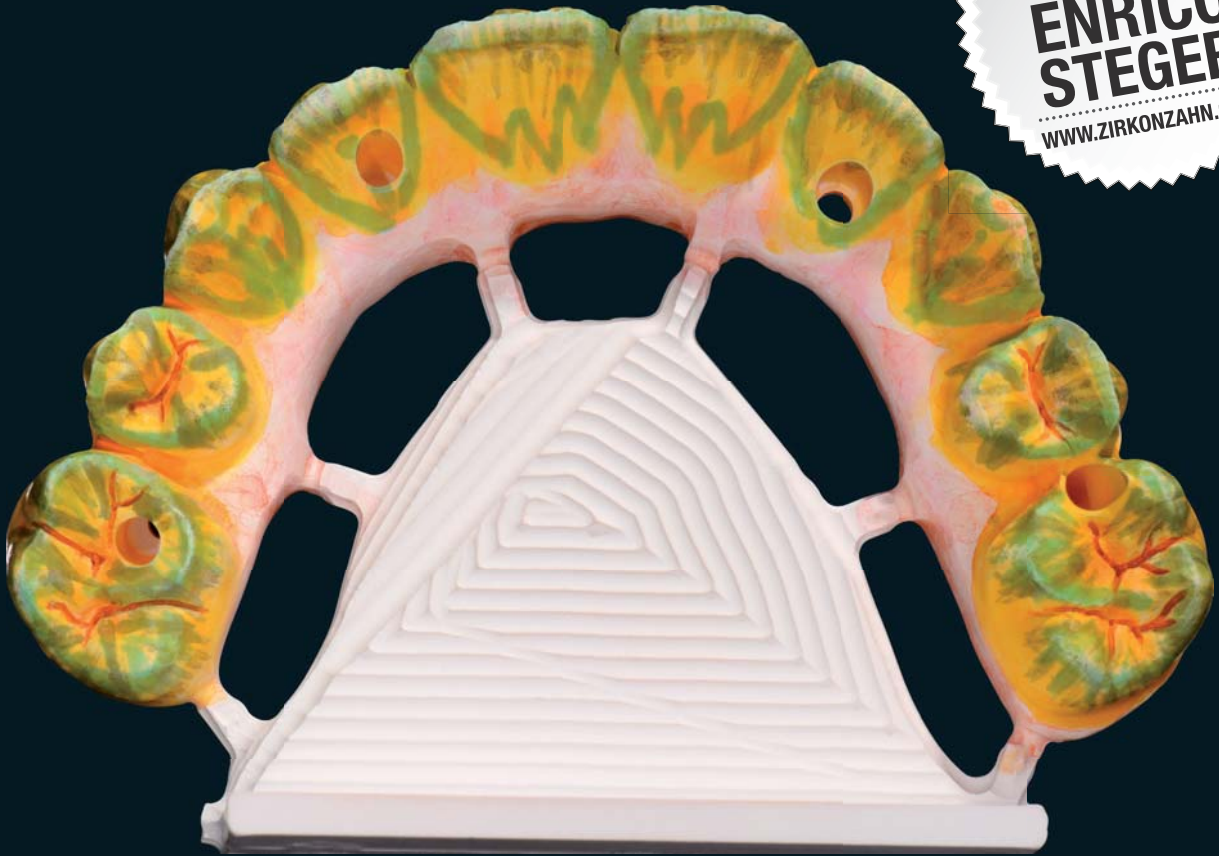
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Zirkonzahn®

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Milled with Zirkonzahn CAD/CAM System 5-TEC

HUMAN ZIRCONIUM TECHNOLOGY

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