

Zirkonzahn[®]

Human Zirconium Technology



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

„Perfection through perseverance“ Enrico Steger

Prettau® Bridge in the maxilla on six implants

The treatment of this patient was based on a wax-up that was transferred to the software with a Zirkonzahn S600 ARTI scanner and then milled from Prettau® Zirconia with a M5 milling unit. To replicate the depth effect of the natural tooth, the unsintered zirconia structure was reduced in the vestibular area to adapt it to the individual patient situation and prior planning, using a suitable tool for zirconia. The fully contoured occlusal surface was carefully maintained to avoid ceramic chipping. Staining with Colour Liquid Prettau® Aquarell and subsequent sintering in the Zirkonofen 600 sintering furnace gave the structure its basic shade. The teeth and gingival areas were covered with a thin layer of ICE Zirkon Ceramics. The desired depth effect had already been achieved after the wash firing. Therefore, the only processing steps remaining were to give the restoration its final form by applying ceramics and its final shade by staining with ICE Zirkon 3D Stains. The full-arch bridge was delivered and inserted in the patient's mouth. The dental technician had fully succeeded in giving the restoration the desired aesthetic shape and that it blended in excellently with its intraoral surroundings. Even though the ceramic layer was only thin, the dental technician was able to achieve the desired depth and an excellent shade result, giving the restoration a lively appearance.



The Prettau® Bridge

Luca Nelli, Team Dent dental laboratory, Italy

Dr. Luigi Paolo Sandri, Italy



Zirkonzahn®



Milled with the 5-TEC CAD/CAM system

HUMAN ZIRCONIUM TECHNOLOGY

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