Zirkonzahn®

Human Zirconium Technology

PRETTAU® ZIRCONIA – MADE BY CAD/CAM

"Zirconia needs heroes" *Enrico Steger*

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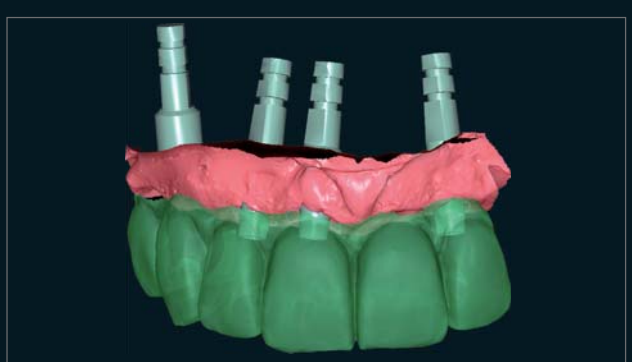
OCCLUSALLY SCREW-RETAINED PRETTAU® BRIDGE ON FOUR IMPLANTS WITH TITANIUM BASES

The treatment team inserted four implants in the patient's edentulous anterior region. Starting from a precision impression, a try-in prototype was fabricated in Temp Basic resin and screwed in place intraorally to examine its esthetics and function. Following minor adaptations, the restoration was sent back to the laboratory, where it was re-scanned and milled in Prettau® zirconia using the M1 Wet Heavy Metal milling unit. A cut-back reduction was carried out in the anterior and posterior areas to facilitate ceramics layering, ensuring that the functional aspect of the incisal edge remains fully contoured to prevent chipping. The Prettau® Bridge was then coloured with Color Liquid Prettau® Aquarell and subsequently sintered. The teeth from the maxillary right canine to right lateral incisor (13 to 22) were veneered with ICE Ceramics. Stain and glaze firing were performed in a single step using ICE Stains 3D by Enrico Steger and the so-called "all-in-one" technique. Prior to adhesive cementing, the titanium bases were anodised with the Titanium Spectral-Colouring Anodizer to reduce the grayscale values of the restoration.



THE PRETTAU® BRIDGE

DT Marco D'Anniballe, Italy
Dr. David Garber, USA

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Zirkonzahn Worldwide – Tel +39 0474 066 680 – info@zirkonzahn.com – www.zirkonzahn.com

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