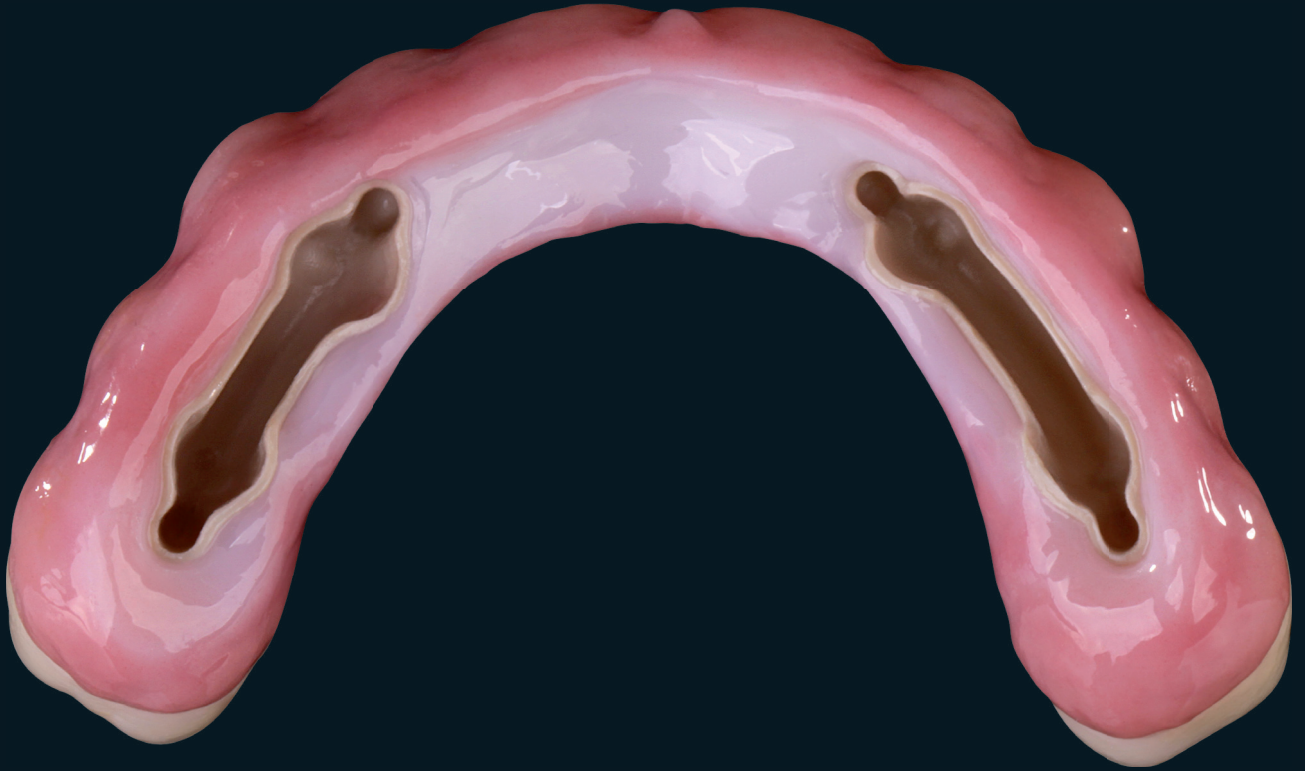


**Zirkonzahn<sup>®</sup>**

*Human Zirconium Technology*

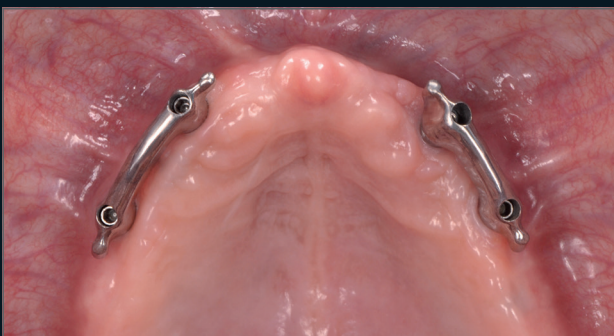
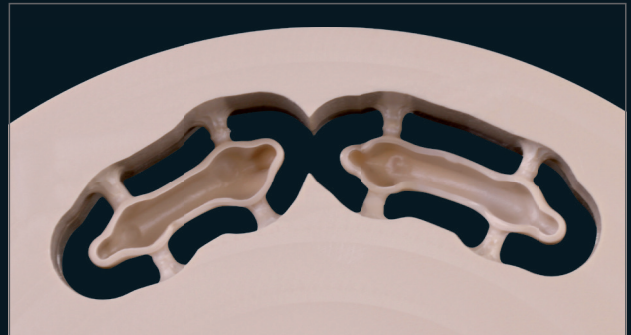


**100% PRETTAU<sup>®</sup> ZIRCONIA – MADE BY CAD/CAM**

*“Perfection through perseverance” Enrico Steger*

## COMPLETE PRETTAU® ZIRCONIA REHABILITATION WITH TITANIUM BARS AND FRICTION COPINGS

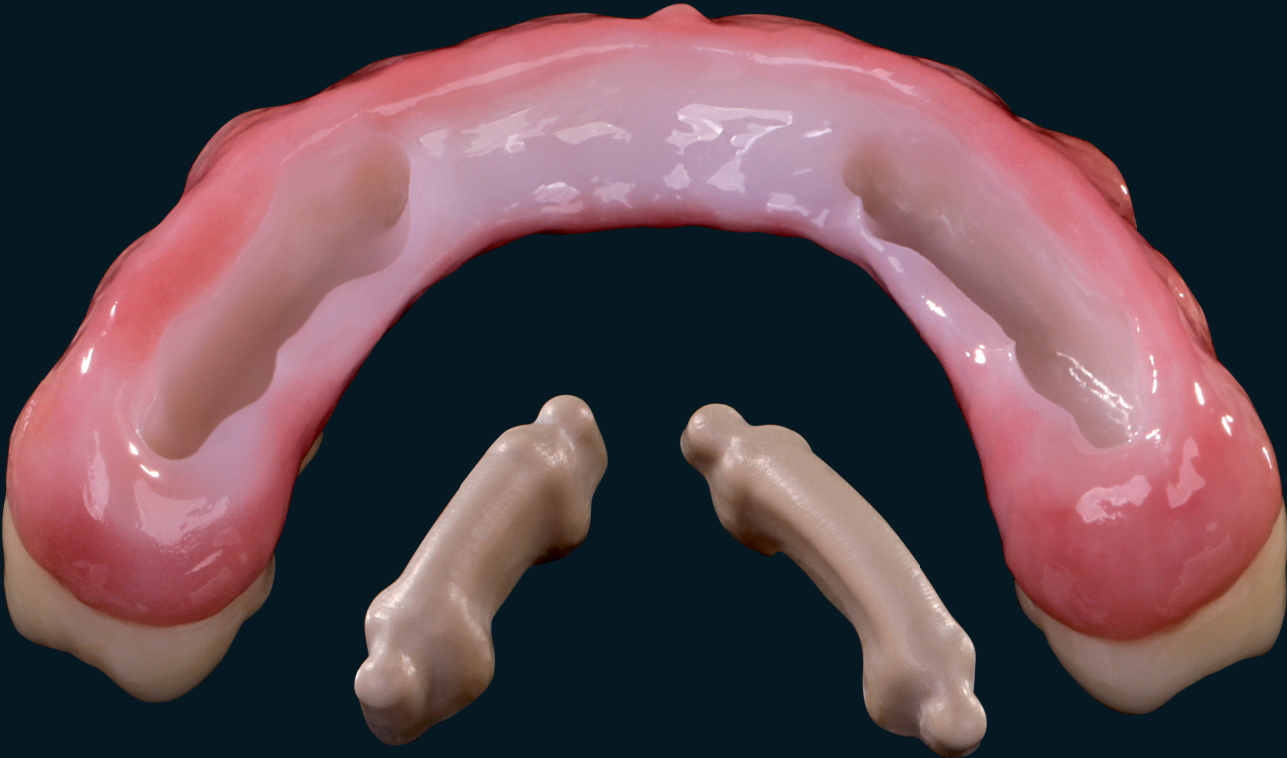
*In the present case, the treatment plan provided for a Prettau® Bridge on two titanium bars with Tecno Med friction copings in accordance with the patient's wish for a removable maxillary restoration. The lower jaw was intended to be treated with an occlusally screw-retained removable Prettau® Bridge. For the tooth set-up, the articulated master models and the prostheses worn to date were digitised in the S600 ARTI scanner. The "Hermes" set of the natural tooth library "Heroes Collection" served as the basis for the aesthetic design of the restoration. To verify the fit as well as phonetic, functional and aesthetic aspects, resin prototypes have been manufactured and tested. On the basis of the subsequently determined tooth set-up, bars and friction copings were modelled and milled with the M1 Wet Heavy Metal milling unit out of Titan 5 and Tecno Med resin. Before the final realisation of the restoration in Prettau® zirconia, the patient wore a second temporary resin restoration for three months in the upper jaw with friction copings on the titanium bars. The worn prototypes were digitised again in order to take individual condylar function into account for the final zirconia restoration. The milled maxillar and mandibular Prettau® Bridges were manually coloured with Colour Liquid Prettau® Aquarell, sintered and characterised with ICE Zirkon Ceramics and ICE Zirkon 3D Stains by Enrico Steger. Before insertion into the patient's mouth, the Tecno Med friction copings were bonded in the upper jaw structure and the gold-coloured anodised titanium bases in the lower jaw structure.*



# SMART SOLUTIONS

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## HUMAN ZIRCONIUM TECHNOLOGY

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*All information is subject to change. Errors and omissions excepted. Version: 21/01/2019*