

Zirkonzahn®

Human Zirconium Technology



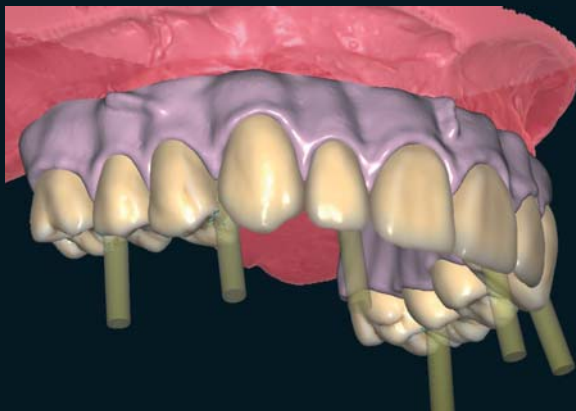
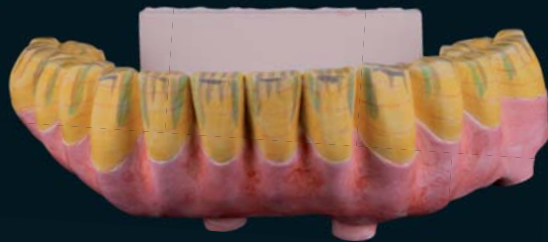
100% PRETTAU® ZIRCONIA - MADE BY CAD/CAM

“Perfection through perseverance“ Enrico Steger

Occlusally screwed circular Prettau® Bridges on a titanium base in the upper and lower jaw

In this patient case, the UJ and LJ interim prostheses were scanned as virtual wax-up. The provisional served as a good basis for the digital workflow. We set up the upper and lower jaw restorations virtually with the help of the tooth/implant library. Then the software automatically calculated the emersion of the screw channels. To check aesthetics and function in the patient's mouth, the works were first milled in resin.

After a slight modification by the dentist, we scanned the structures again as wax-up and milled the works in Prettau® Zirconia with the 5-axes simultaneous Milling Unit M5. After that we have been able to achieve a natural basic colour through a special colouring technique. Only the anterior and gingival areas were veneered with ceramics. Then we coloured and glazed the works and bonded the titan bases. As a result, we manufactured aesthetically pleasing and highly functional upper and lower jaw restorations to perfectly meet the patient's wishes.



The Prettau® Bridge

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Laszlo Dudas – Zirkonzahn Education Center



Zirkonzahn®



Milled with Zirkonzahn CAD/CAM System 5-TEC

HUMAN ZIRCONIUM TECHNOLOGY

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All information is subject to change. Errors and omissions excepted. Version: 24.05.2013