

Zirkonzahn®

Human Zirconium Technology



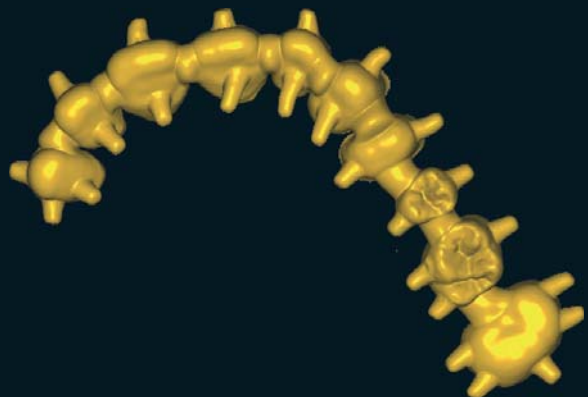
100% PRETTAU® ZIRCONIA - MADE BY CAD/CAM

“Zirconia needs heroes“ Enrico Steger

Fully anatomic UJ and LJ structures in Prettau® Zirconia

The present case was realised in cooperation with Dr Fernando Rojas-Vizcaya. While multiple single crowns were made for the lower jaw, we provided treatment for the frontal upper jaw from 13 – 23 with single crowns and with an occlusally screwed Prettau® Bridge on implants with titan bases, as well as another bridge fixed on stumps.

The unique aspect about this case was that we milled a model in try-in resin on the basis of a scan that was taken with the intraoral scanner Detection Eye. A structure made of a bound, oversized coping with retentions was modelled on this model and milled in Temp Basic. This “individual spoon” was then sent back to the dentist. This way, we were able to take an imprint, which the stumps could exactly be formed with. After we received the imprint and the cast models have been manufactured, the models were scanned with the Scanner S600 ARTI and a long-term provisional was milled in resin, which was test-worn for a few weeks by the patient. After slight modifications by Dr Rojas-Vizcaya, the long-term provisional was scanned again and made in Prettau® Zirconia with the CAD/CAM System 5-TEC. The structures were coloured with Colour Liquid Prettau® Aquarell and sintered after milling. In conclusion, the work was characterised and finished with ICE Zirkon Stains Prettau® and Glaze Plus.



The Prettau® Bridge

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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: 04.06.2013