

Zirkonzahn®

Human Zirconium Technology



100% PRETTAU® ZIRCONIA - MADE BY CAD/CAM

“Perfection through perseverance“ Enrico Steger

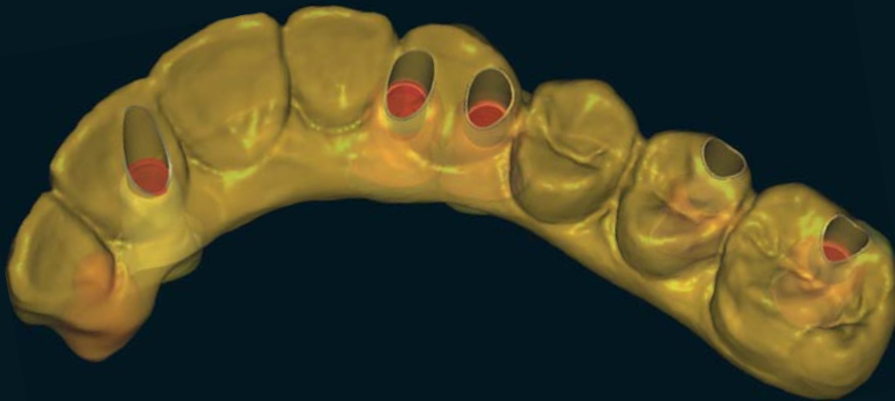
Partial anatomical prosthesis screwed in the upper arch (on 6 implants with customized titanium bases)

The patient needs a prosthesis from tooth 12 to 26 on 6 implants and wants a screwed anatomical Prettau®-bridge.

The lower jaw, with customized screwed titanium bases, was scanned and the screw channels were positioned manually in the software. A preliminary bridge was then made (in Temp Basic resin) and subsequently customized.

After successful testing in the patient's mouth, the work was transferred and milled in Prettau® Zirconia 1:1 with the aid of a wax-up scan. The prosthesis was then painted with Colour Liquids and finally sintered (for aesthetic reasons the implant on 12 was only overlaid, not screwed). After checking for perfect adaptation, the gum masses were applied. With the masses characterizing the dentin and the enamel, the front portion was customized. After glazing, the customized titanium bases were glued definitively.

CAD/CAM software modules required: Occlusally Screwed Bridges, Wax-up/Situ/Mirror imaging, Prettau® (fully anatomic)



The Prettau® Bridge

Lyndon F. Cooper DDS PhD – University of North Carolina

Clemens Schwerin and Manfred Pörnbacher – 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: 11.05.2012