

Zirkonzahn®

Human Zirconium Technology



100% PRETTAU® ZIRCONIA - MADE BY CAD/CAM

“Zirconia needs heroes“ Enrico Steger



Zirkonzahn World Wide



Zirkonzahn Germany



Zirkonzahn USA



Zirkonzahn Mexico

Prettau® Zirconia

To prove the functionality of this type of restorative option, we fabricate several types of these cases every month in cooperation with Dr. Thomas Suranyi and Lyndon F Cooper DDS PhD. Before starting with the final restoration, the entire case is milled in resin. This will remain in the patient's mouth for approximately six to nine months. The purpose of placing the patient in a temporary is to enable the dental practitioner to manage patient expectations. It is very common for patients to request minor changes to their prosthesis which is done easily in resin. Since resin is soft and easy to grind with standard burs the dentist can make changes in fit, occlusion and aesthetics very easily during this time period. Additions to tooth shapes and smile lines can be accomplished through the use of chairside composites. Most dentists are very adept at using composites and make excellent modifications for the patient that helps improve the overall case result.

When the patient is satisfied with the overall fit, function and appearance then the final restoration can be precisely copied, through a double scan in Prettau® Zirconia. The buccal parts are veneered and the gingival tissue is created using pink overlay ceramics. The final result is an incredibly beautiful, functional and sustainable restoration.



100% resin

The Prettau® Bridge

Dr. Thomas Suranyi and Lyndon F Cooper DDS PhD – University of North Carolina

Georg Walcher and Mauricio Cuéllar – Zirkonzahn Education Center



COMPLETE CAD/CAM SYSTEM 5-TEC

System components:

- Computer driven 5-axes milling unit M5 with 2 milling handpieces and milling bur calibration
- Fully automated optical scanner S600
- **Software package consisting of:**
Scan software, modeling software, milling software, archive software, nesting software and CAM software
- Personal computer with 16:10 widescreen display



Specifications and delivery subject to change without notice

HUMAN ZIRCONIUM TECHNOLOGY

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Milled with Zirkonzahn CAD/CAM System 5-TEC