

**Zirkonzahn<sup>®</sup>**

*Human Zirconium Technology*



**PRETTAU<sup>®</sup> ANTERIOR**

## PRETTAU® ANTERIOR – WHEN OTHER MATERIALS ARE TOO WEAK

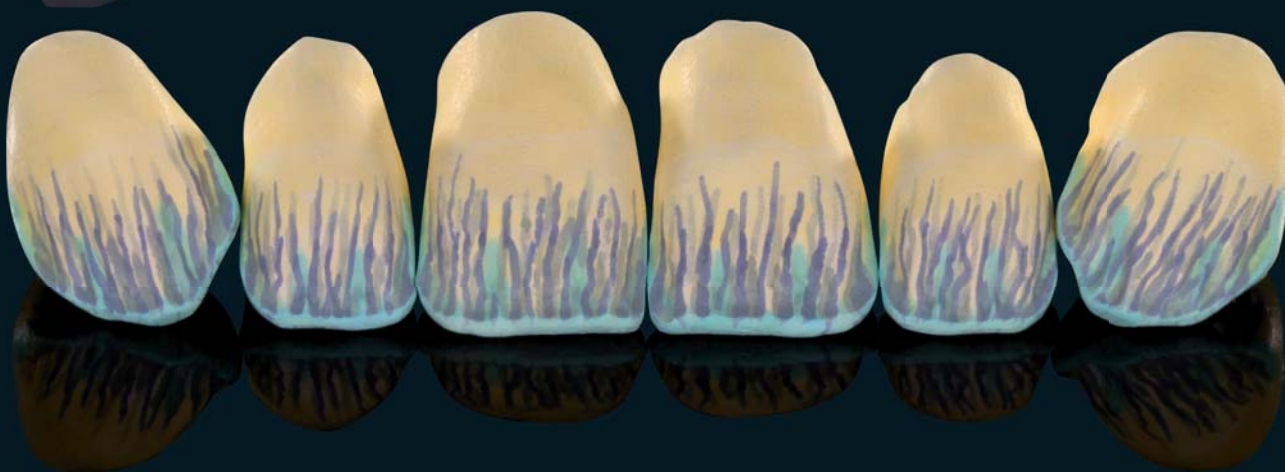
The Prettau® Bridge and Prettau® Zirconia having firmly established themselves among experts, Zirkonzahn has now succeeded in making another technical progress: the **Prettau® Anterior!**

Prettau® Anterior is a new and highly biocompatible zirconia material. Due to its high transparency it is ideally suited for use in the anterior tooth region and hence offers an ideal alternative to lithium disilicate.

- Double the flexural strength compared to lithium disilicate (670 MPa) and extra resistant to ageing
- Higher transparency allows perfect light transmission and good background masking
- Suitable for fully anatomical contours or framework for ceramic veneering
- In combination with the Colour Liquids Prettau® Anterior Aquarell, the ICE Zirkon Stains Prettau® and the ICE Zirkon 3D Stains by Enrico Steger, it is now possible to work fully anatomically also in the anterior area, which helps to prevent the problem of ceramic chipping
- Shorter sinter times due to sintering at 1500 °C
- Polychrome (multi-coloured) material – restorations can be coloured in several colours already prior to the sintering process
- Can be milled dry and with common zirconia burs
- Available in various block sizes (also for manual systems)
- Indications: metal-free partial and individual crowns, inlays, onlays, veneers, 3-unit bridges (max.)



*Crowns and bridges made of Prettau® Anterior – sintered*



*Crowns made of Prettau® Anterior – milled, stained, sintered*

#### **HIGHER FLEXURAL STRENGTH AND AGEING RESISTANCE**

*Prettau® Anterior, the new zirconia material by Zirkonzahn is the next step forward in materials research. Prettau® Anterior is not only highly aesthetical and natural, but at the same time also **extremely resistant to bending and ageing**. Two studies conducted at the University of Pennsylvania, USA, confirm a bending strength of the material of 670 MPa as well as a particularly high ageing resistance.*

**STUDIES**  
CONDUCTED AT THE  
UNIVERSITY OF  
PENNSYLVANIA

# Zirkonzahn®

**EVENTS &  
LECTURES**

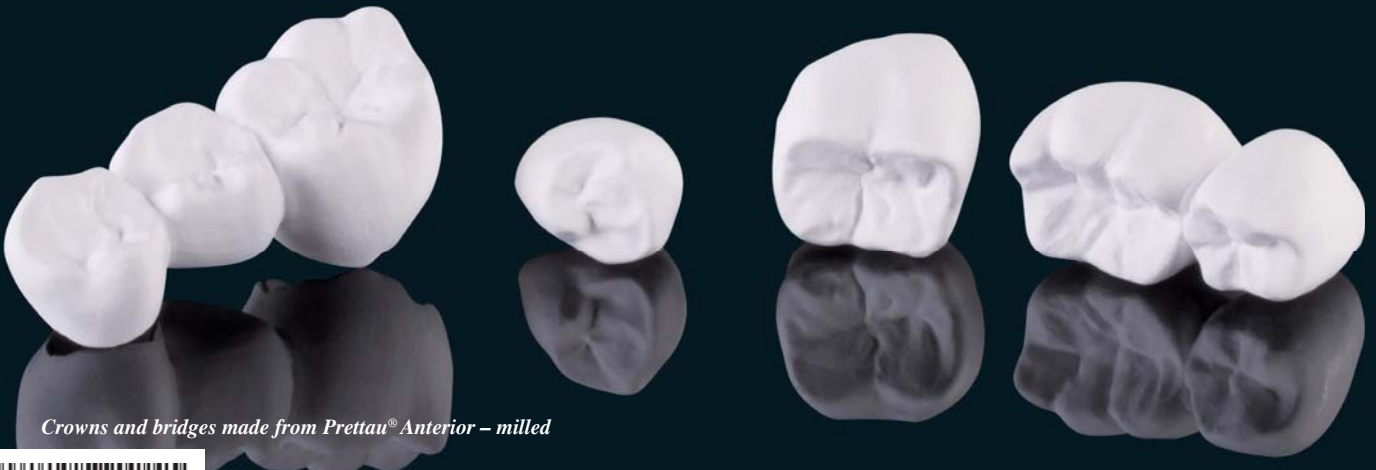
[WWW.ZIRKONZAHN.COM](http://WWW.ZIRKONZAHN.COM)



*Crowns made of Prettau® Anterior coloured with Ice Zirkon 3D Stains by Enrico Steger*

## HUMAN ZIRCONIUM TECHNOLOGY

*ZIRKONZAHN Worldwide – Tel +39 0474 066 680 – [info@zirkonzahn.com](mailto:info@zirkonzahn.com) – [www.zirkonzahn.com](http://www.zirkonzahn.com)*



*Crowns and bridges made from Prettau® Anterior – milled*



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*All information is subject to change. Errors and omissions excepted. Version: 14/01/2015*