

Zirkonzahn[®]

Human Zirconium Technology



PRETTAU[®] ANTERIOR[®]

PRETTAU® ANTERIOR® – WHEN OTHER MATERIALS ARE TOO WEAK

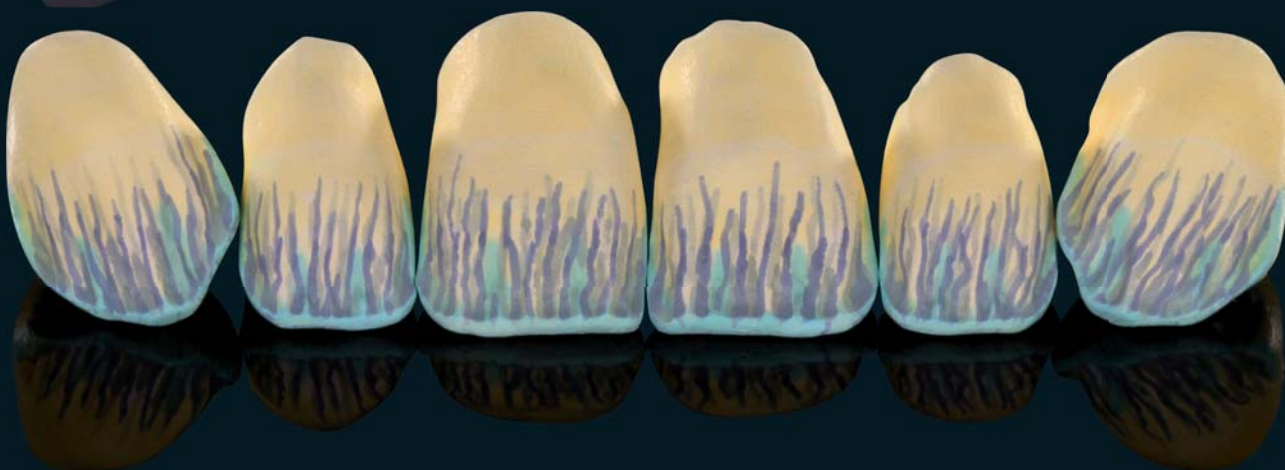
The Prettau® Bridge and Prettau® Zirconia having firmly established themselves among experts, Zirkonzahn has now succeeded in making another technical progress: the **Prettau® Anterior®!**

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

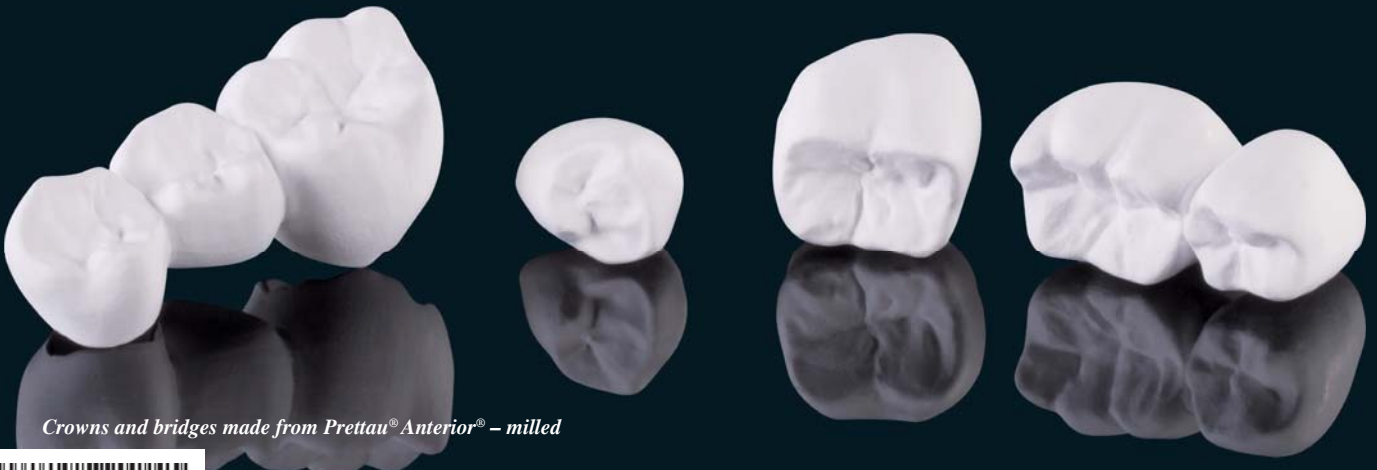
WWW.ZIRKONZAHN.COM



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

HUMAN ZIRCONIUM TECHNOLOGY

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Crowns and bridges made from Prettau® Anterior® – milled



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All information is subject to change. Errors and omissions excepted. Version: 06/11/2015