

# Zirkonzahn®

*Human Zirconium Technology*



**100% PRETTAU ZIRKON**

## *The Prettau Bridge*

Implant-borne prostheses are exposed to much higher occlusal loads than conventional bridges due to the lack of periodontal load receptors. This may lead to occlusal veneer porcelain chipping. The so-called Prettau-Bridge provides a new way dealing with such situations. In the process of making a bridge of this kind a full set-up is produced first. This is tried in situ and checked for aesthetic appearance and function. Following, the set-up is copied in zirconia with our manual milling system. We use the extra-translucent Prettau zirconia for such cases. The final restoration is made from 100% zirconia. Only the 'soft-tissue' flange is veneered with pink porcelains of various shades. Full zirconia bridges display tremendous flexural strength which guarantees absolute solidity provided all manufacturing parameters (i.e. adequate connector dimensions and slow cool cycles) are adhered to.



## *The Prettau Bridge*

Luca Nelli, Italy

Reservations about surface hardness causing abrasion of the opposing natural dentition are unfounded and concerns can be discarded according to latest findings. It is proven fact that actual veneer porcelain has much higher abrasion than unveneered zirconia.

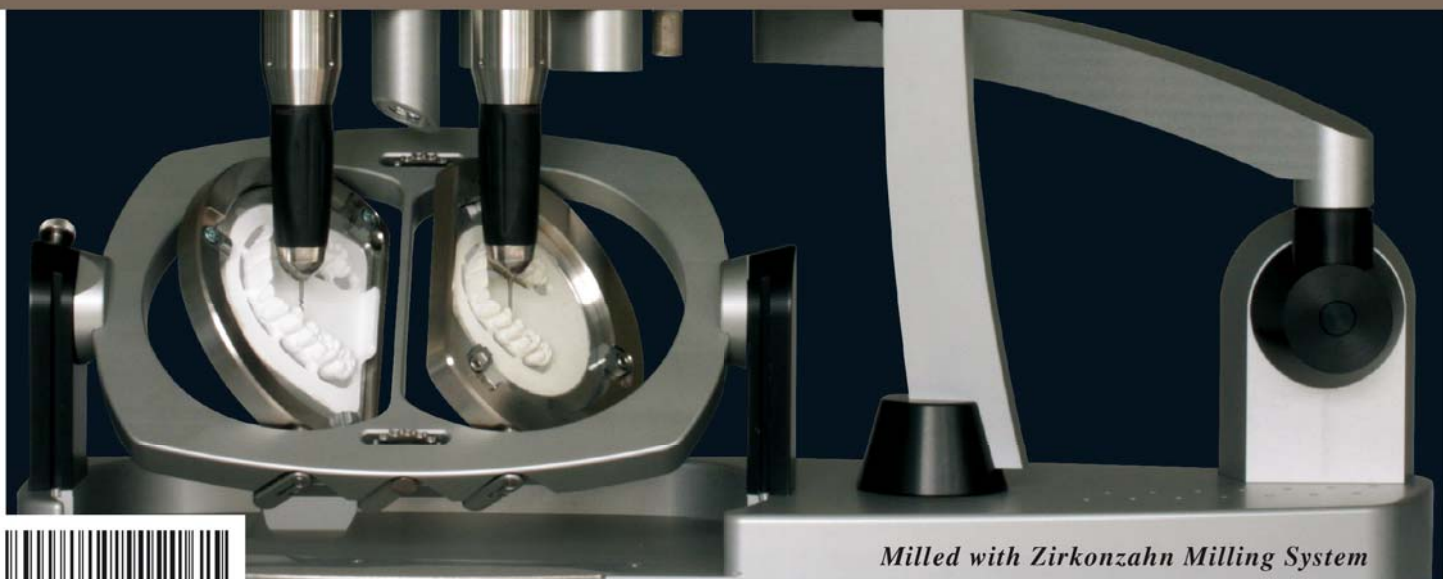


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## HUMAN ZIRCONIUM TECHNOLOGY

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*Milled with Zirkonzahn Milling System*



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