

Zirkonzahn[®]

Human Zirconium Technology



PRIME MULTISTRATUM[®]

The Zirkonzahn Culture

TREATMENT PLANNING AND SAFEGUARDED APPROACH FOR A COMPLETE RESTORATION

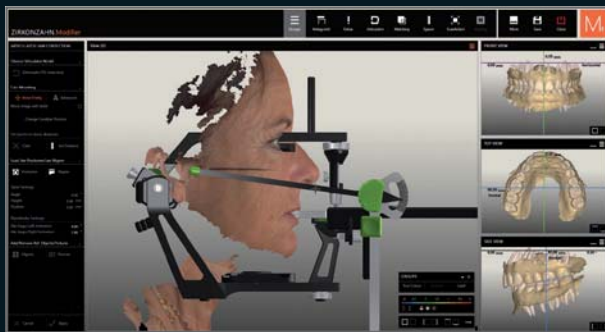
PART 1

The patient who suffered from abraded teeth caused by para-functional habit, requested a complete restoration. In order to ensure the best possible treatment planning, the dentist digitised the oral situation using the Detection Eye intraoral scanner, took photorealistic 3D facial pictures with the Face Hunter scanner and sent all acquired data to the dental laboratory.

On the basis of the material received, the technician designed the mock-ups for the upper and lower jaw in the Zirkonzahn.Modifier software and milled both out of the Multistratum® Flexible resin. Functional, phonetic and aesthetic aspects were then checked in the patient's mouth. After a minimally invasive preparation of the tooth structure, the clinical situation was digitised once again by the dentist.

At this point, 28 single crowns were designed in the laboratory using the Zirkonzahn.Modellier software and milled out of the radiopaque Exmon Basic X-Ray resin. During the try-in in the patient's mouth, the restoration fit was then checked by means of X-rays. This additional control step can avoid errors and adjustments during the production of the final restoration.

In the next step, the 28 single crowns were joined in several bridges and temporaries were manufactured in Prime Multistratum® resin, which the patient wore until insertion of her final Prettau® 3 Dispersive® restorations.



Exmon Basic X-Ray



Areas to correct

OPTIMAL FUNCTION THANKS TO ADDITIONAL CONTROL STEPS

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NEW! PRIME MULTISTRATUM®

- PMMA-based resin with natural colour gradient from dentine to enamel
- Improved material properties in terms of translucency values, high flexural strength as well as fracture and abrasion resistance
- Ideal for the production of long-term temporaries as well as different secondary and tertiary structures



NEW! EXMON BASIC X-RAY

- Radiopaque resin for trying in all kind of restorations



HUMAN ZIRCONIUM TECHNOLOGY

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NEW! 1 ORBIT – 4 DIAMETERS (95, 98, 106 AND 125 mm)

FOR THE M2 MILLING UNIT COMFORT LINE, THE M4 WET HEAVY METAL MILLING UNIT AND THE NEW M6 TELESKOPER BLANK CHANGER MILLING UNIT



VIDEO
M2 MILLING
UNIT COMFORT
LINE



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