

Zirkonzahn[®]

Human Zirconium Technology

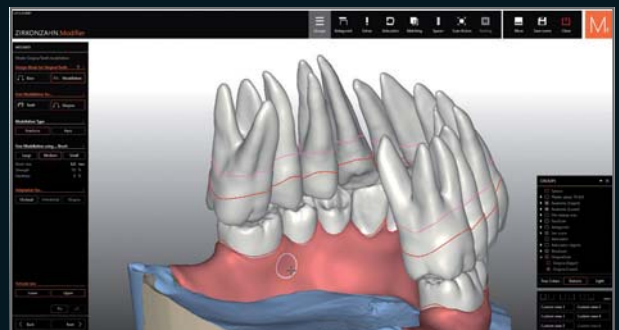
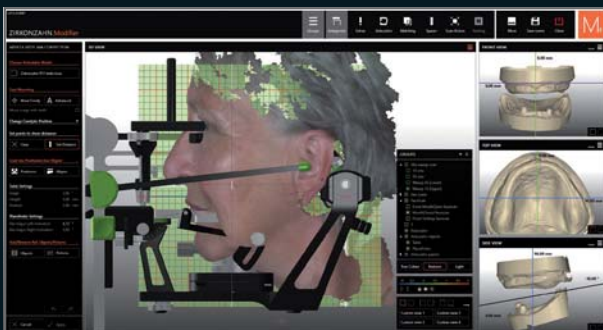


FLORENCE TOTALPROX[®] DENTURE SYSTEM

The Zirkonzahn Culture

UPPER AND LOWER REMOVABLE PROSTHESES MADE OF ABRO® BASIC MULTISTRATUM® AND DENTURE GINGIVA BASIC

- Initial situation:* Patient with edentulism, with a full denture in the upper jaw and an implant-supported locator prosthesis in the lower jaw, in which two implants were already placed
- Available data:* Photos, 3D facial scan data, digital oral situation, dentures used by the patient
- Planned restoration:* Two dentures made of Abro® Basic Multistratum® and Denture Gingiva Basic resin for the upper and lower jaw
- Realisation:*
- Digital acquisition of the oral situation with the Face Hunter 3D facial scanner and the PlaneSystem®
 - Data matching and digital articulation using the PSI virtual articulator in the Zirkonzahn.Modifier software
 - Virtual tooth set-up and individualisation of the tooth shapes with selection from the Heroes Collection rooted tooth library
 - Correct scaling and positioning of teeth in occlusion using the Plaster-Plane; automatic generation of the gingival area
 - Nesting and milling the try-in structures in a Try-In III resin blank
 - Assessment of aesthetic, functional and phonetic aspects in the patient's mouth with the try-ins, which were then used as functional trays for taking the final impression
 - Digitisation of the new denture impressions and the new aesthetically and functionally adapted situation. Adaptation of the digital tooth set-up to the new denture impressions
 - Nesting both denture bases in a Denture Gingiva Basic resin blank (Ø 125 mm) and teeth in an Abro® Basic Multistratum® resin blank (Ø 95 mm)
 - Milling the structures in the M2 Dual Teleskoper milling unit and veneering the gingiva with Gingiva-Composites
 - Bonding teeth in the denture bases according to the new Polibond procedure
 - Final insertion of the upper and lower dentures in the patient's mouth



FLORENCE TOTALPROX® DENTURE SYSTEM 100 % EFFICIENT AND PRECISE!

DT Alexander Lichtmannegger – Zirkonzahn Education Center Brunico, South Tyrol, Italy



Despite the difficult initial situation, with the new Florence Totalprox® Denture System the patient received new high-quality, long term dentures. The restoration met the expectations of the patient both aesthetically and functionally, improving her self-confidence in every day life.



NEW! ABRO® BASIC MULTISTRATUM®

The new Abro® Basic Multistratum® resin, with natural colour gradient and improved material properties, is characterised by excellent translucency values, high flexural strength as well as fracture and abrasion resistance. Specifically conceived for the production of denture teeth, this resin is also well suited for the manufacture of long-term temporaries as well as different secondary and tertiary structures.

NEW! DENTURE GINGIVA BASIC

Gingiva-coloured resin with improved material properties in terms of flexural strength and fracture resistance, specifically conceived for the production of denture bases. The resin blank is also available in Ø 125 mm for the manufacturing of up to two denture bases in just one milling process.



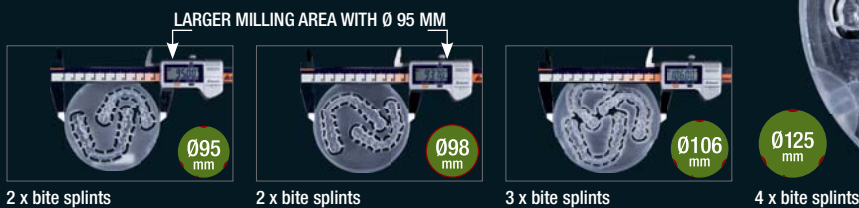
HUMAN ZIRCONIUM TECHNOLOGY

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NEW! 1 ORBIT – 4 DIAMETERS

125, 106, 98 AND 95 MM

M2 MILLING UNIT COMFORT LINE WITH EXTRA-LARGE TELESKOPER ORBIT. FULLY AUTOMATIC, FLEXIBLE AND VIBRATION-FREE



M2 MILLING UNIT COMFORT LINE



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