

Zirkonzahn[®]

Human Zirconium Technology

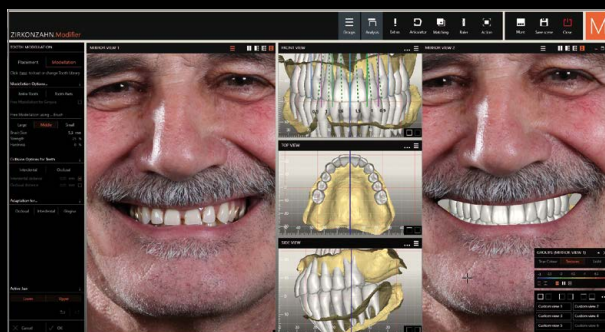
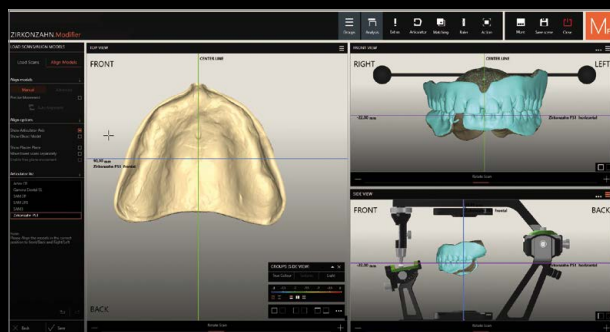


FLORENCE TOTALPROX[®] DENTURE SYSTEM

The Zirkonzahn Culture

DENTURES IN ABRO® BASIC MULTISTRATUM® AND DENTURE GINGIVA BASIC MONO PINK

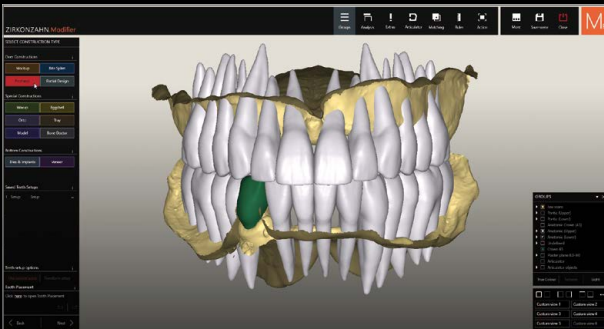
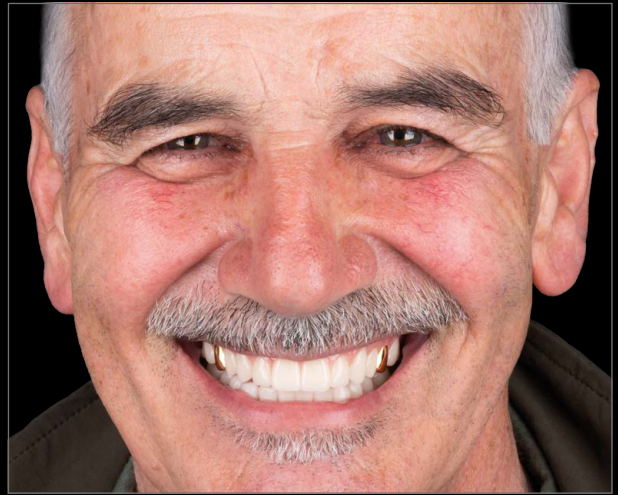
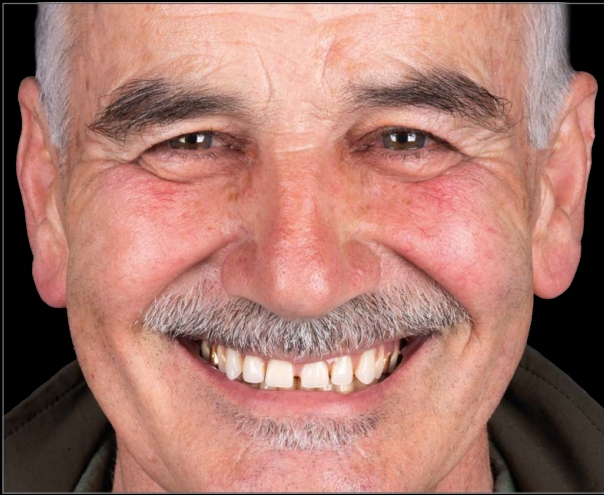
- Initial situation:* Patient with edentulous upper jaw and only tooth 43 in the lower jaw
- Available data:* Photos, digital oral situation, prostheses worn by the patient
- Planned restoration:* Upper and lower denture milled in Abro® Basic Multistratum® and Denture Gingiva Basic Mono Pink resins; non-invasive restoration of tooth 43 with a zirconia crown made of Prettau® 3 Dispersive®
- Workflow:*
- Digital acquisition of worn prostheses with the Detection Eye intraoral scanner
 - In the Zirkonzahn.Modifier software: data matching and digital articulation in the PSI virtual articulator
 - First virtual tooth setup and individualisation of tooth shapes with selection from the Heroes Collection rooted tooth library
 - Correct tooth scaling and positioning in occlusion using the Plaster Plane; automatic generation of the gingival portion
 - Assessment of aesthetic, functional and phonetic aspects in the patient's mouth via try-ins, which then serve as functional trays for the final impression
 - Digitisation of the new aesthetic and functional situation
 - Adaptation of the digital tooth setup to the new impression
 - Digital design of the Prettau® 3 Dispersive® crown (tooth 43) as well as of two Sinternit crowns (teeth 15 and 25), which were later gold plated
 - Nesting of the two denture bases in the Denture Gingiva Basic Mono Pink resin blank and of the respective denture teeth in the Abro® Basic Multistratum® resin blank
 - Milling the structures in the M6 Teleskoper Blank Changer and gingiva veneering with Gingiva-Composites
 - Bonding teeth to denture bases according to the new Polibond® procedure
 - Cementation of the crown on tooth 43 and final insertion of the upper and lower denture in the patient's mouth



FLORENCE TOTALPROX® DENTURE SYSTEM: 100% EFFICIENCY AND PRECISION!

Dr. med. dent. Clara Zanini – South Tyrol, Italy

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



Gold-plated Sinternit crowns





NEW! ABRO® BASIC MULTISTRATUM®

The resin is provided with natural colour gradient and is almost free of residual monomers. It is characterised by improved material properties, showing 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 manufacturing of long-term temporaries as well as various secondary and tertiary structures.

NEW! DENTURE GINGIVA BASIC MONO

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



HUMAN ZIRCONIUM TECHNOLOGY

Zirkonzahn Worldwide – Tel +39 0474 066 680 – info@zirkonzahn.com – www.zirkonzahn.com

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

