

Zirkonzahn[®]

Human Zirconium Technology



PRETTAU[®] SKIN[®]

THE ZIRKONZAHN CULTURE

PRETTAU® SKIN® VENEERS FOR THE ANTERIOR REGION IN PRETTAU® 4 ANTERIOR® DISPERSIVE®

Available data:

Photos, X-ray and intraoral scan data, 3D face scans, direct mock-up as situation model

Planned restoration:

Minimally layered zirconia veneers (14–24) to improve aesthetics

Workflow:

- *Minimal polishing of the proximal marginal ridges*
- *Placement of a retraction cord (000) and acquisition of intraoral scans*
- *Digital patient-orientated articulation in the PSI articulator*
- *Digital tooth set-up in the Zirkonzahn.Modifier software and individualisation of Thalia tooth set from the Heroes Collection virtual library*
- *Design of the veneers in the Zirkonzahn.Modifier software and nesting in the Prettau® 4 Anterior® Dispersive® zirconia blank in tooth colour A1*
- *With the new Continue Working function, it was then possible to proceed directly with the creation of the JawAligner models in the Model Maker software module, for a plaster-free articulation of models in the physical articulator*
- *Positioning the digital models on the virtual building plate of the Zirkonzahn.Slicer software and printing with the P4000 3D Printer*
- *Milling the structures with the M6 Teleskoper Blank Changer milling unit; 3-hours sintering in the Zirkonofen 600/V4 with the Speed program*
- *Characterisation of the ultra-thin zirconia veneers (min. wall thickness 0.2 mm) with ICE Stains 3D by Enrico Steger and minimal layering with Fresco Enamel Fluo*
- *Handover of the Prettau® Skin® veneers to the dentist and cementation in the patient's mouth*



HIGHEST AESTHETICS DESPITE MINIMALLY INVASIVE TREATMENT

Dr. Francisco García Torres – Mexico

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





PRETTAU® 4 ANTERIOR® DISPERSIVE®

- Highly translucent zirconia with natural colour gradient; the colour is evenly distributed for a dispersive effect
- For the manufacture of single crowns, inlays, onlays, veneers as well as 3-unit bridges (monolithic or reduced structures for layering with ceramic)
- Particularly suitable for the anterior region, but it can also be used in the posterior region
- No ceramic chipping (thanks to monolithic design); and no abrasion of the antagonist
- Can be characterised individually for each patient with Colour Liquids Prettau® 4 Anterior® Aquarell Intensive, ICE Ceramics, Fresco Ceramics, ICE Stains Prettau® as well as ICE Stains 3D by Enrico Steger



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

