

Zirkonzahn[®]

Human Zirconium Technology



PRETTAU[®] ANTERIOR[®]



COMPLETE MAXILLARY AND MANDIBULAR REHABILITATION USING PRETTAU® ANTERIOR®

The patient presented with severely abraded occlusal surfaces throughout the upper and lower jaw, with teeth 16 and 46 missing. Since the gingiva and the natural tooth structure were otherwise still well preserved, we decided to provide single-crown restorations plus two three-unit bridges to replace the two missing teeth.

The choice of material was not difficult in the present case: we decided to use Prettau® Anterior®, since this material has a flexural strength of 670 MPa and is therefore well suited to withstand the high loads it would be exposed to in this patient.

Starting from the full anatomic contour, the anterior teeth were slightly reduced both in the maxilla and in the mandible to accommodate a very thin ceramic layer. It is important, however, to leave a functional incisal edge at full contour to obtain some degree of edge protection. By doing so, ceramic chipping can be eliminated almost completely.



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Both the functional and the esthetic aspects of the restoration were made in Prettau® Anterior®.

HUMAN ZIRCONIUM TECHNOLOGY

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The finished maxillary and mandibular Prettau® Anterior® restorations.



All information is subject to change. Errors and omissions excepted. Version: 04/29/2015