

## Immediate Implant Placement to Replace Central Incisors With a Non-Standard Prosthetic Restoration



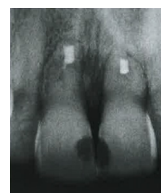
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### The Baseline Situation

Patient with irreversibly damaged central incisors

A patient presented at the clinic with two ankylosed and strongly discolored central incisors. A deep periodontal defect was diagnosed at the maxillary right central incisor. The patient had damaged his teeth during an accident early in life.



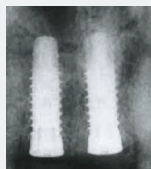
### The Treatment Strategy



#### 1 Extraction, immediate implantation, and ridge augmentation

Extraction and immediate placement of two ELEMENT INICELL® PF 4.0 implants\*

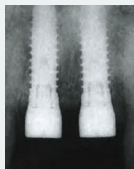
Simultaneous hard and soft tissue ridge augmentation



#### 2 Soft tissue management

Uncovering of implants after 6 months of healing

Use of gingiva formers for 8 weeks



#### 3 Prosthetic restoration

Selection of PFM cast-on gold alloy bases for all-ceramic crowns\*\*

Margins in minimal subgingival position for control during placement of crowns to avoid excesses of cement

Etching of lithium disilicate ceramic crowns with HF and silanization

Cementation with warmed-up heavy-filled light-cured filling composite



### The Outcome



Good soft tissue adaptation to the ELEMENT implant collar could be observed. The final outcome shows convincing esthetics and healthy bone- and soft tissue conditions. This case demonstrates a non-standard way of how screw access holes can be avoided without risking peri-implantitis due to cement excesses



PF, platform; PFM, porcelain fused to metal; HF, hydrofluoric acid.

\*The implant surgery was performed by Dr. Marco Imoberdorf \*\*Dental technology was performed by Walter Gebhart.