

MAXILLARY ANTERIOR IMPLANT PLACEMENT AND RESTORATION WITH ANGLED PLATFORM IMPLANTS : A CASE SERIES

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INTRODUCTION:

Maxillary anterior implant cases present many surgical and restorative challenges for clinicians that require critical attention to detail for a successful result. Angled platform implants possess advantages for maxillary anterior sites such as: decreased prosthetic stack, optimal placement within the alveolar ridge which decreases the need for bone grafting while maintaining retrievability of the restoration and improved parallelism for screw-retained implant fixed partial dentures. The following cases demonstrate how angled platform implants provide surgical and restorative advantages for replacement of missing teeth in the maxillary anterior.

Methods / Results:

Angled Platform implants were placed according to manufacturer's protocol. All implants achieved primary stability >32 Ncm. Coverscrews were placed and implants were allowed to osseointegrate for four months prior to uncovery and temporization. Final screw-retained restorations were delivered.

Case 1: Site #10 extraction and immediate implant placement and successful osseointegration of 12-degree angled platform implant, temporization, and restored with a screw-retained porcelain fused to metal crown.

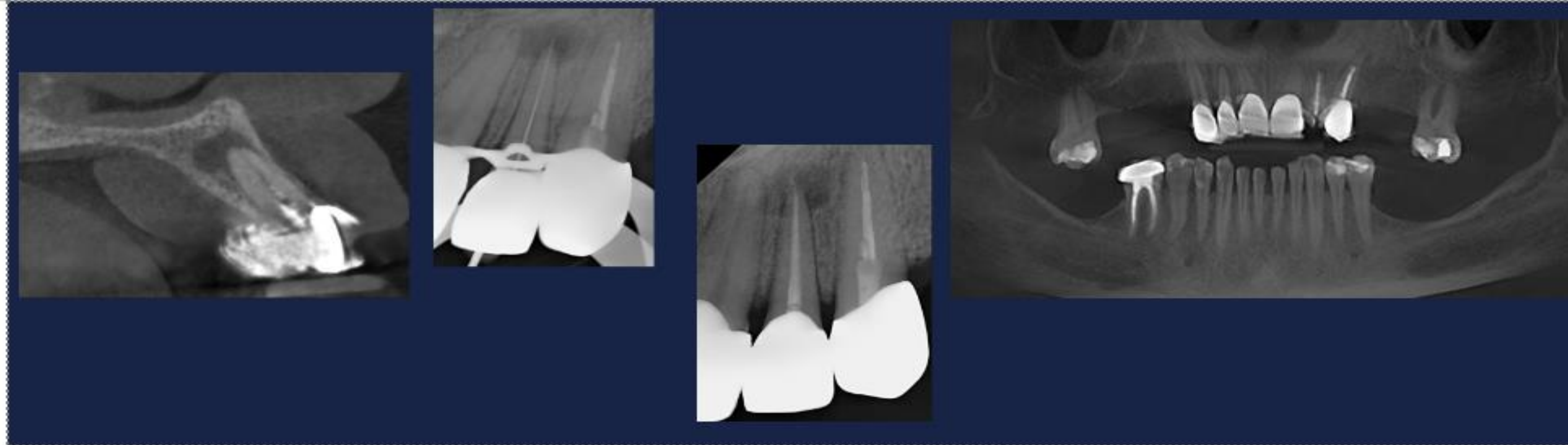
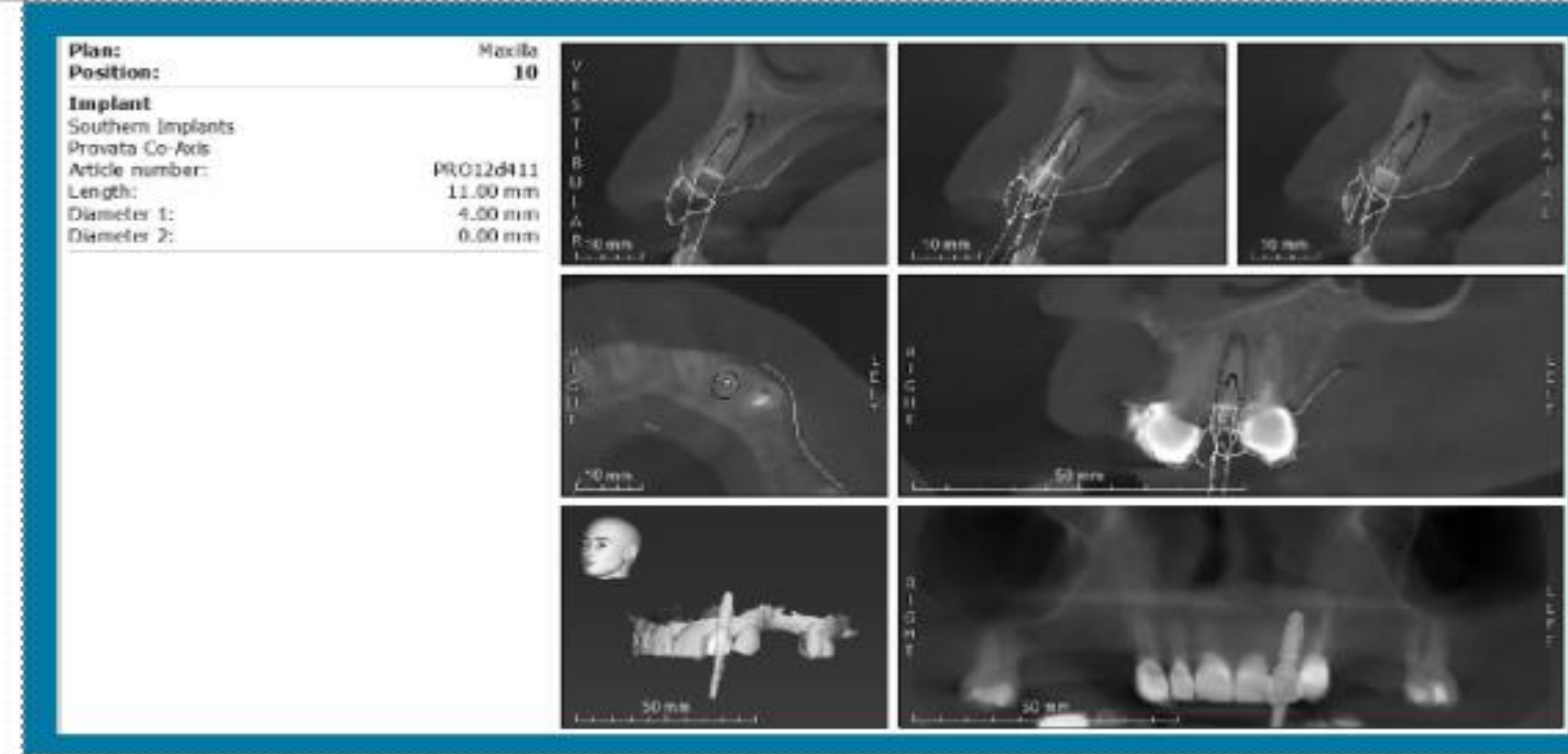
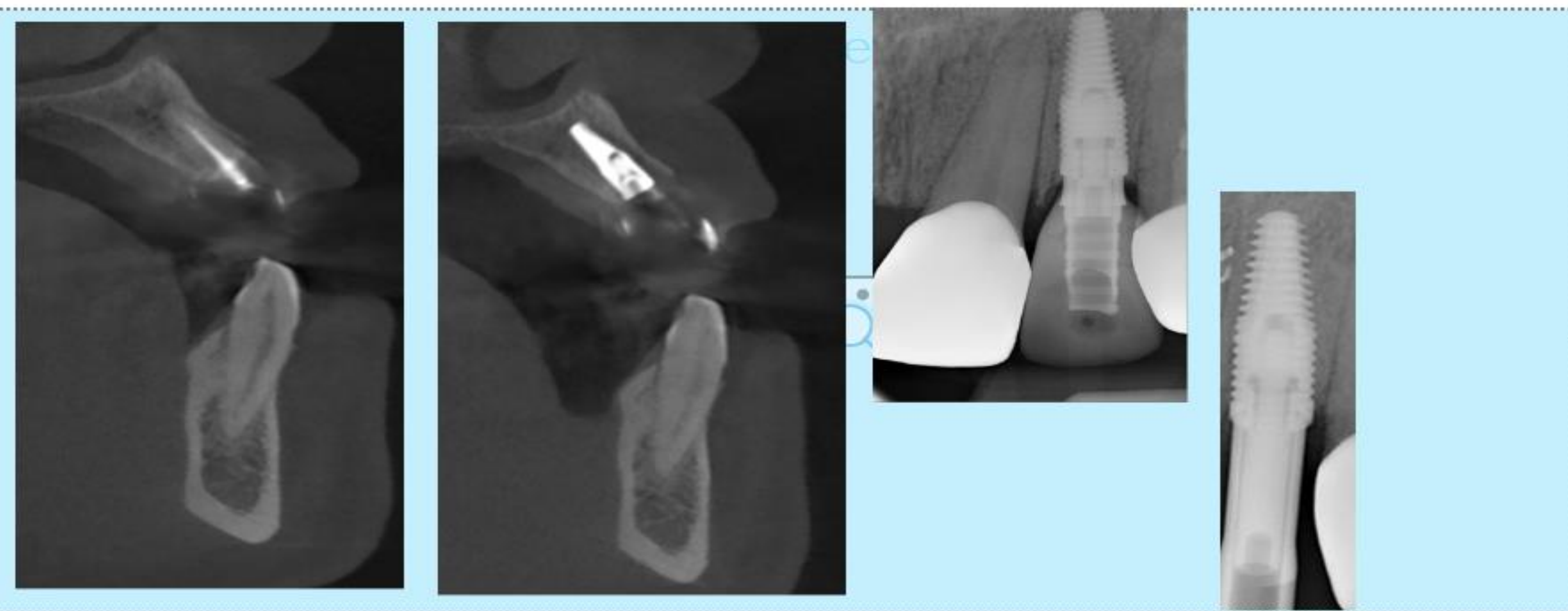
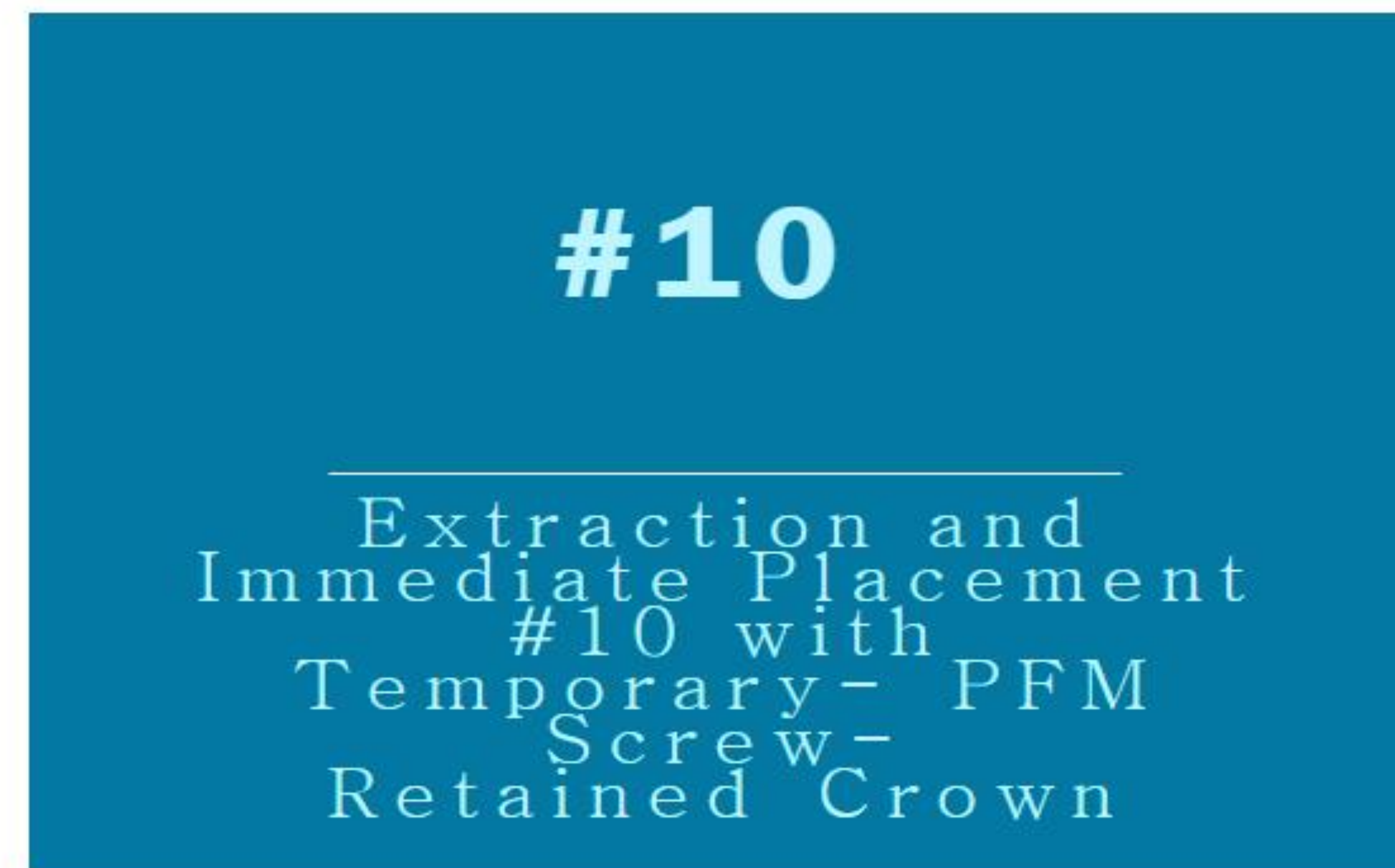
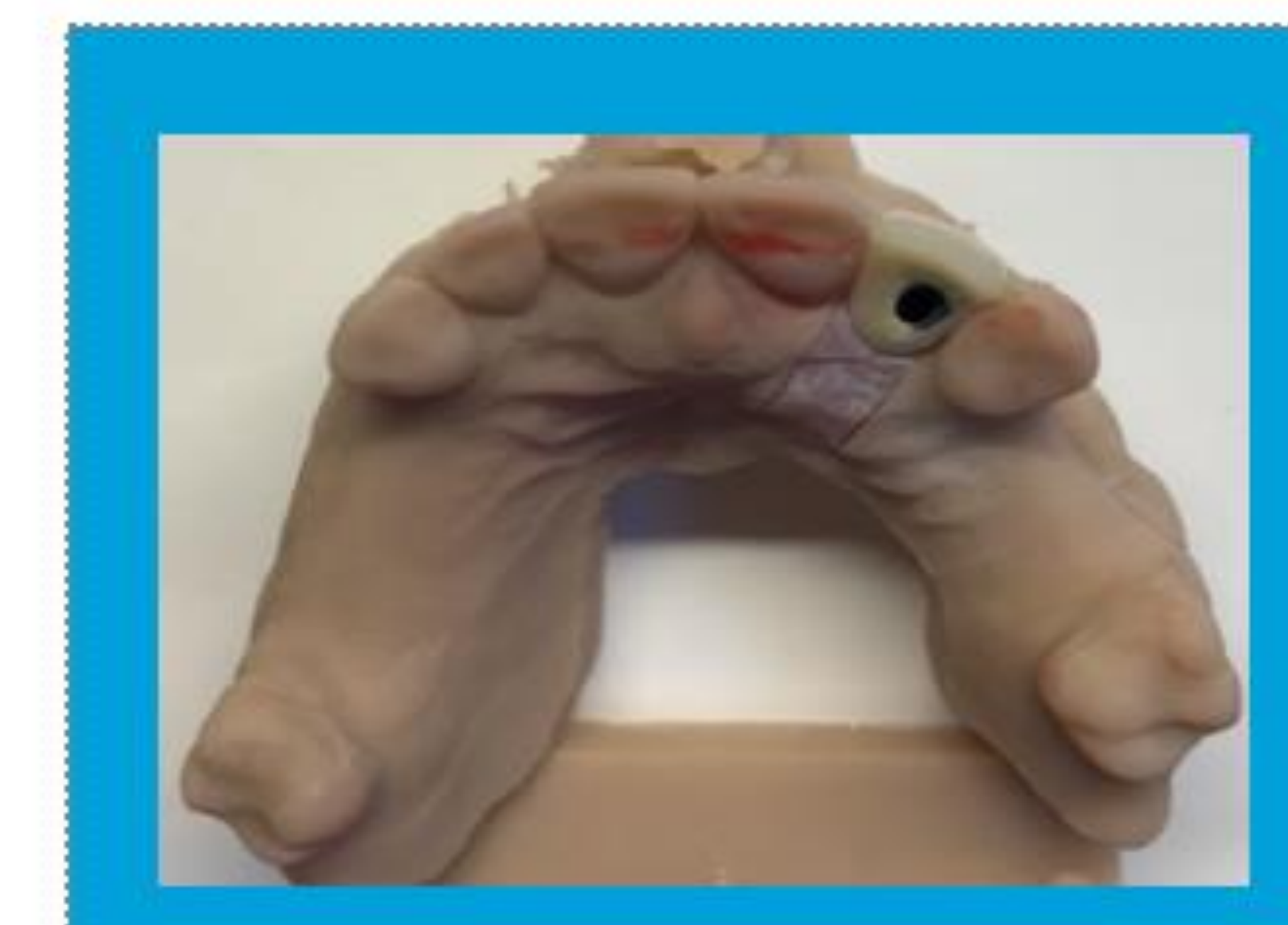
Case 2: Site #7 extraction and site preservation, implant placement and successful osseointegration of 12-degree angled platform implant, temporization, restored with a screw-retained zirconia crown with passive abutment.

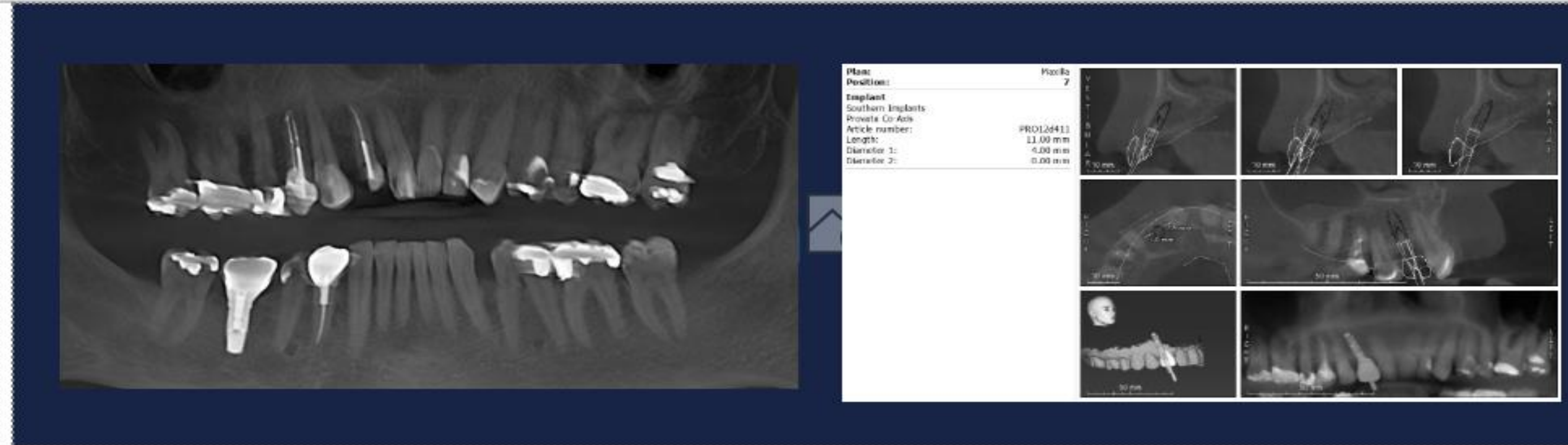
Case 3: Site #8 extraction, immediate implant placement and successful osseointegration of 12-degree angled platform implant, temporization, restored with a screw-retained porcelain fused to metal crown.

Case 4: Site #6,8,9 - #4-6 porcelain fused to metal screw-retained fixed partial denture, Site #8 porcelain fused to metal screw-retained crown, Site #9 site preservation, implant placement and successful osseointegration of 12-degree angled platform implant, temporization, restored with a screw-retained porcelain fused to metal crown.

Conclusions:

This case series demonstrates how angled platform implants provide both surgical and restorative advantages such as: decreased prosthetic stack, optimal placement within the alveolar ridge which decreases the need for bone grafting while maintaining retrievability of the restoration and improved parallelism for screw-retained implant fixed partial dentures. These cases demonstrate how co-axis implants can be used to achieve functional and esthetic results in maxillary anterior sites.

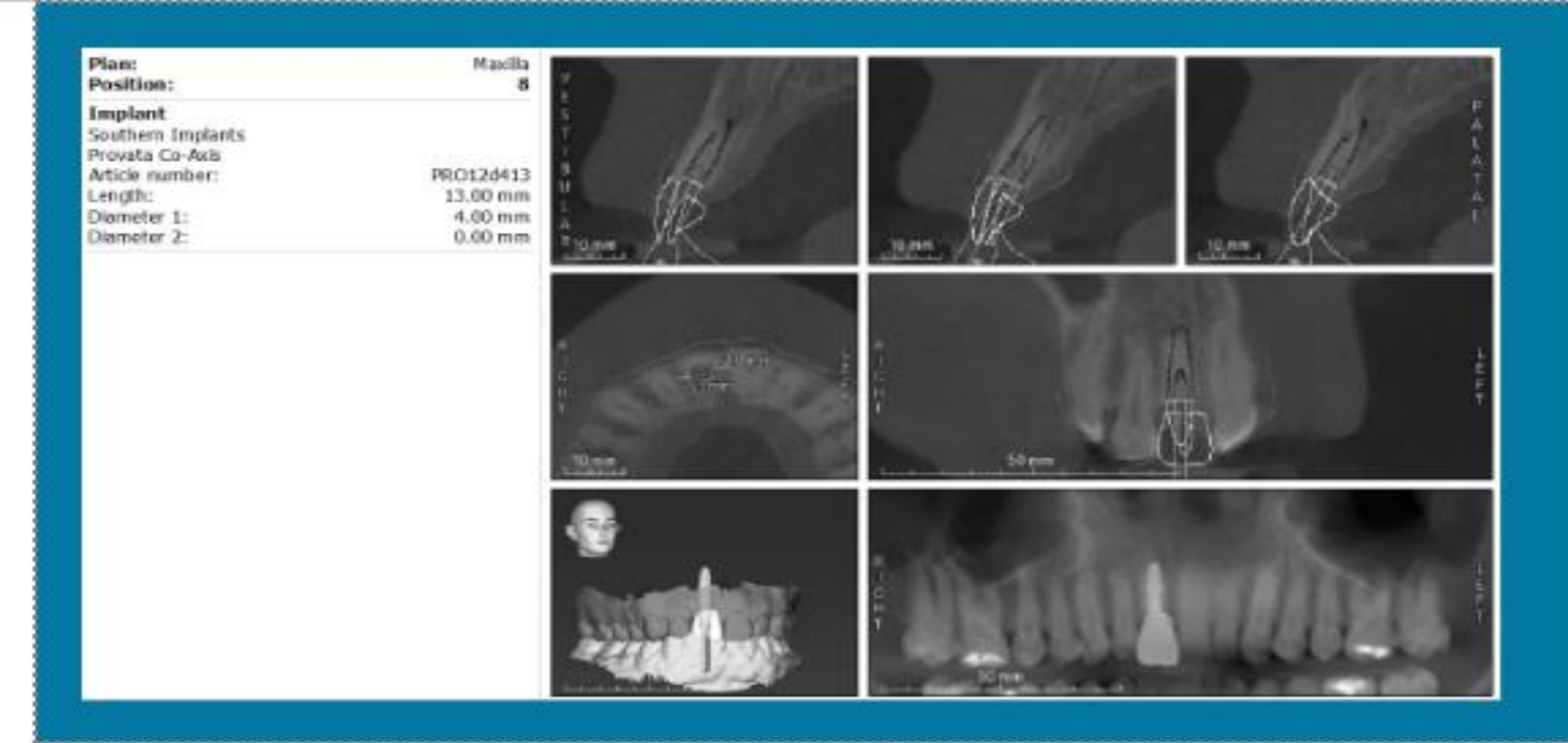
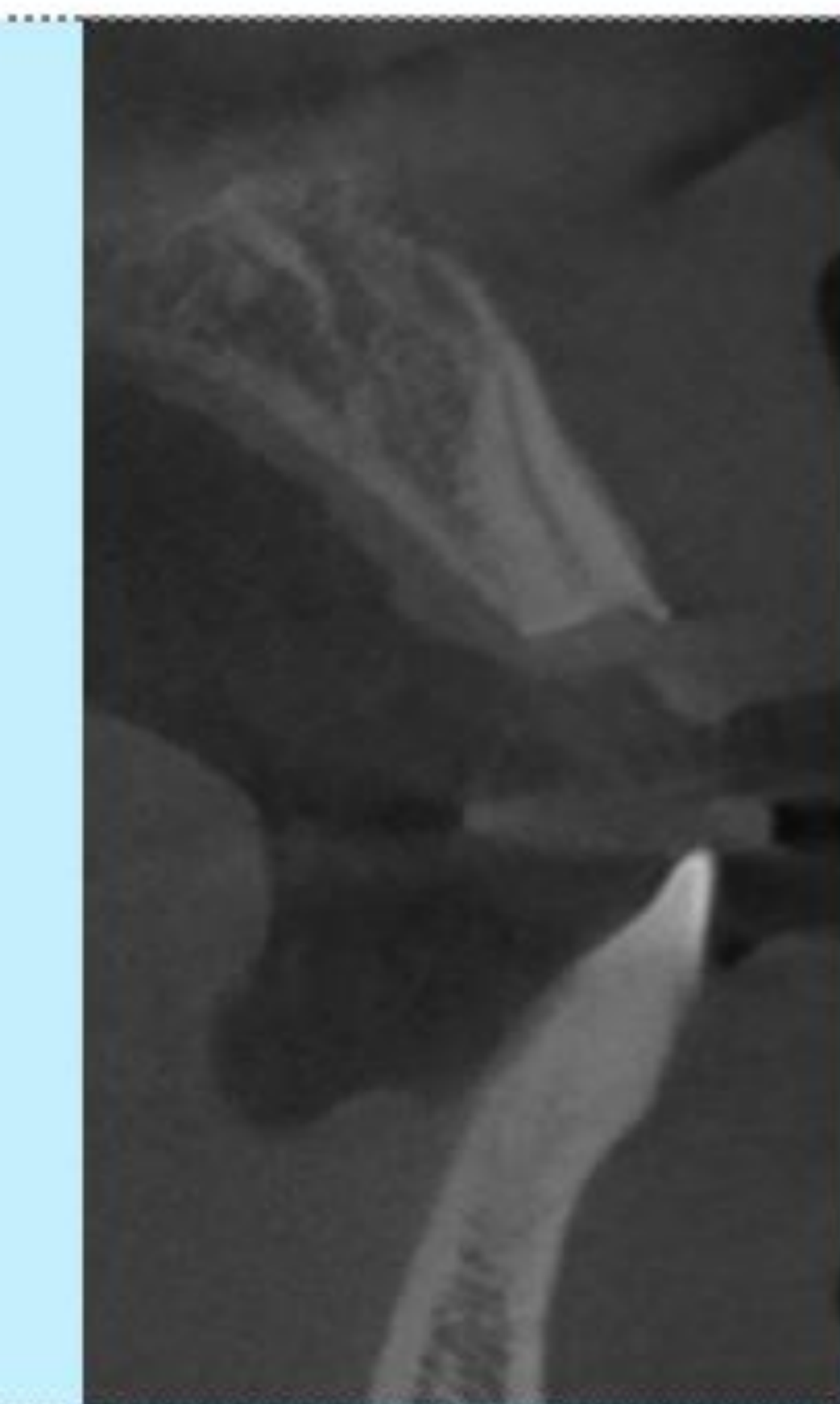
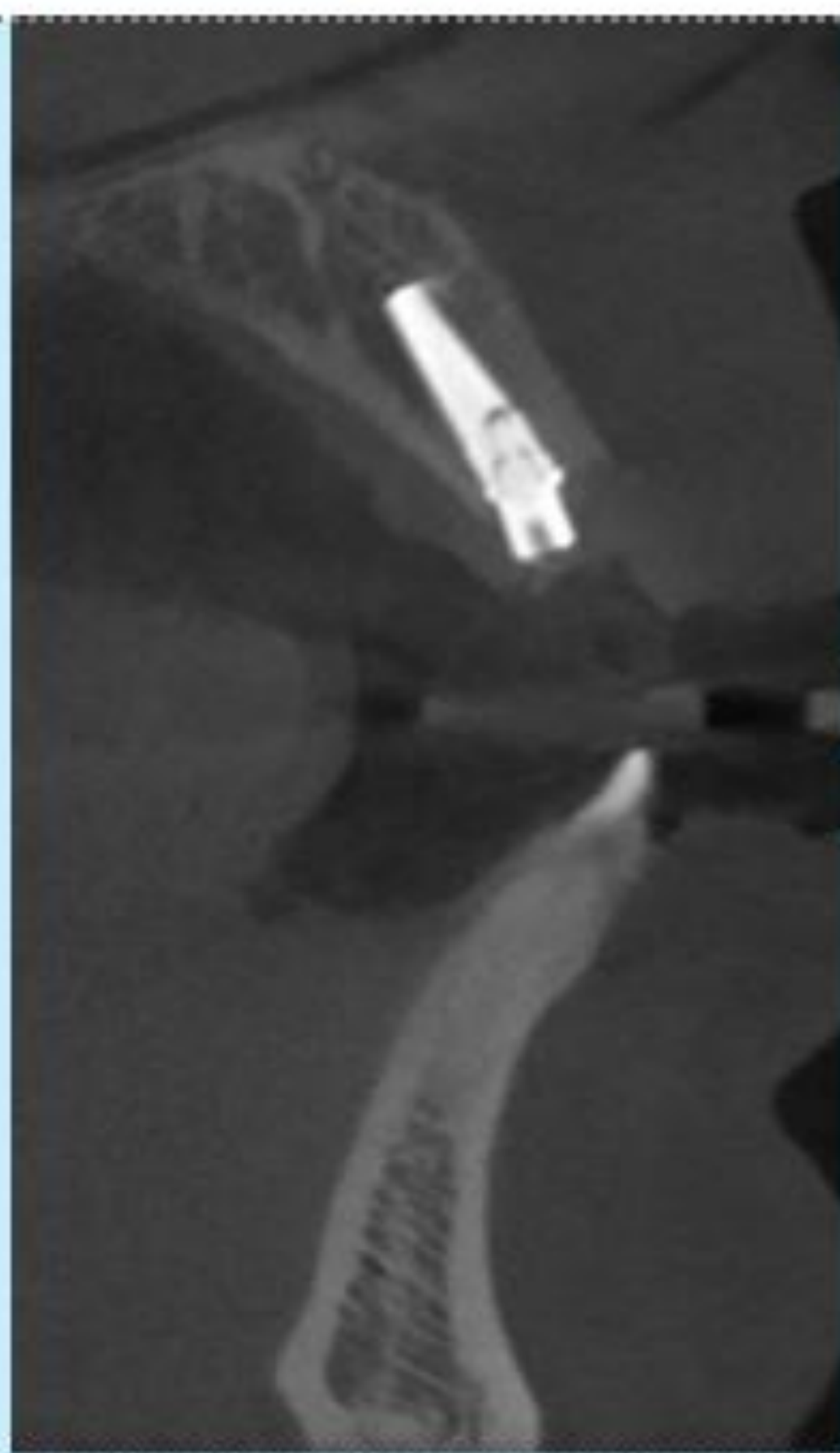




#7

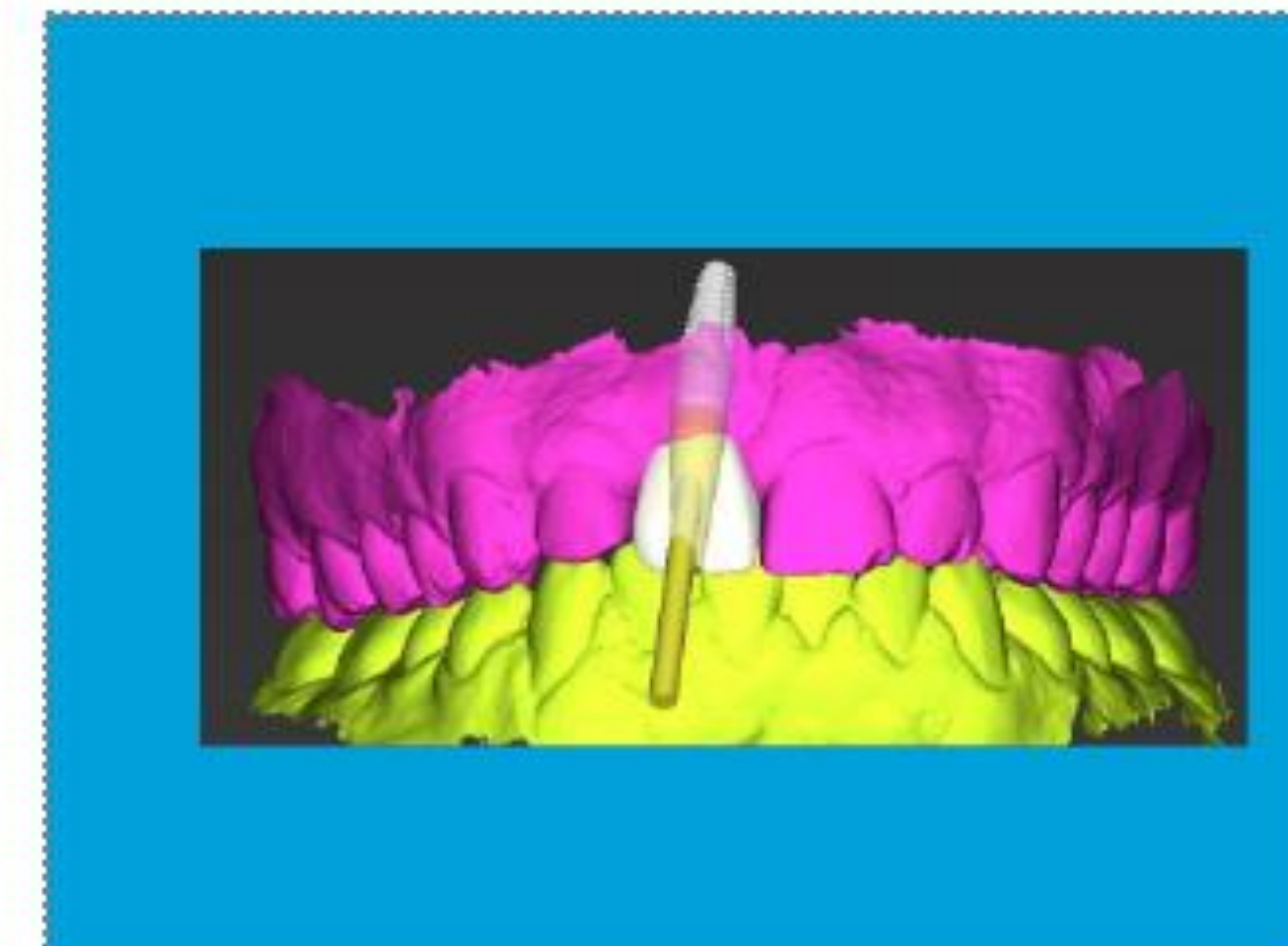
Extraction, Site
Preservation, Implant
Placement,
Temporization, Zirconia
Passive Abutment Crown

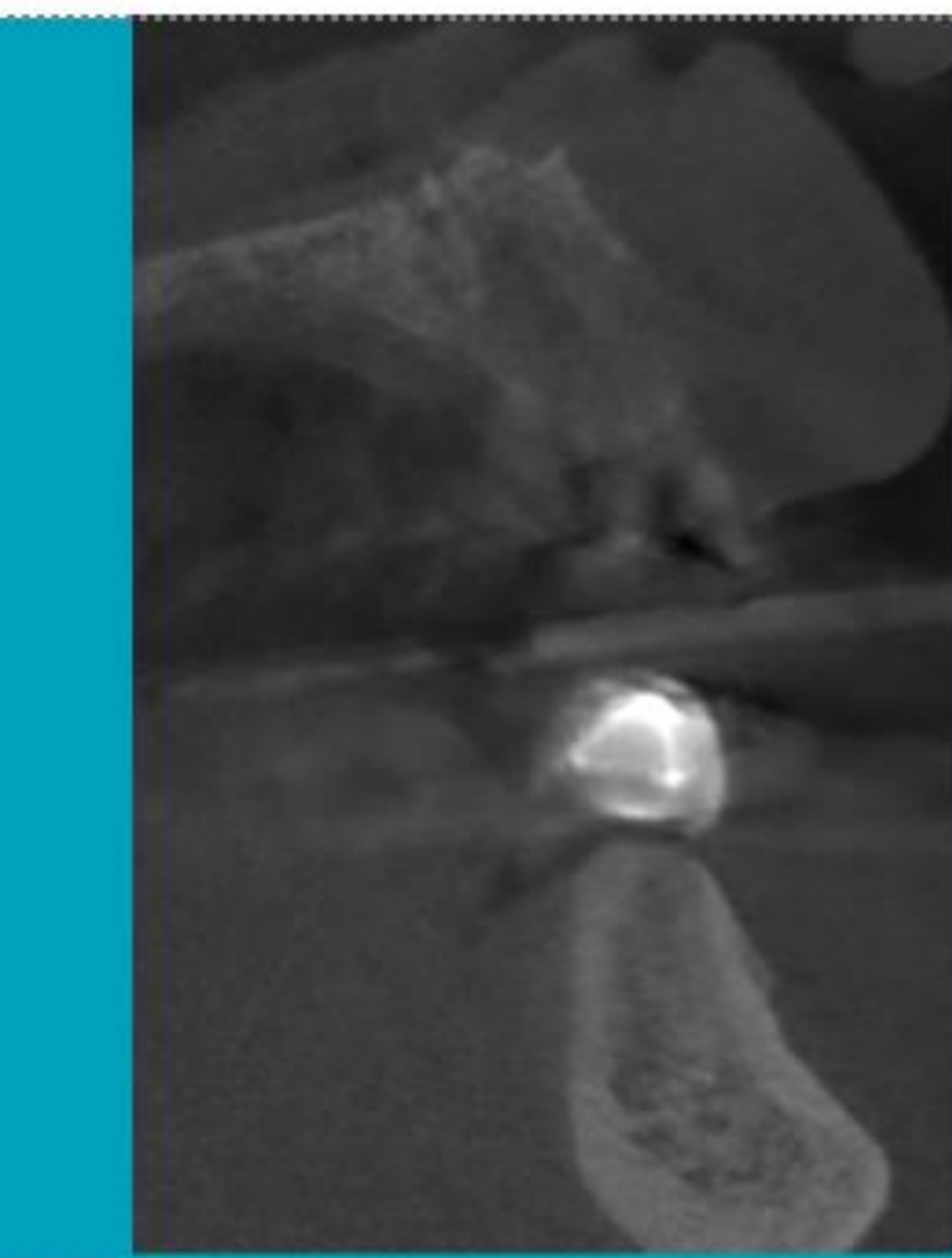
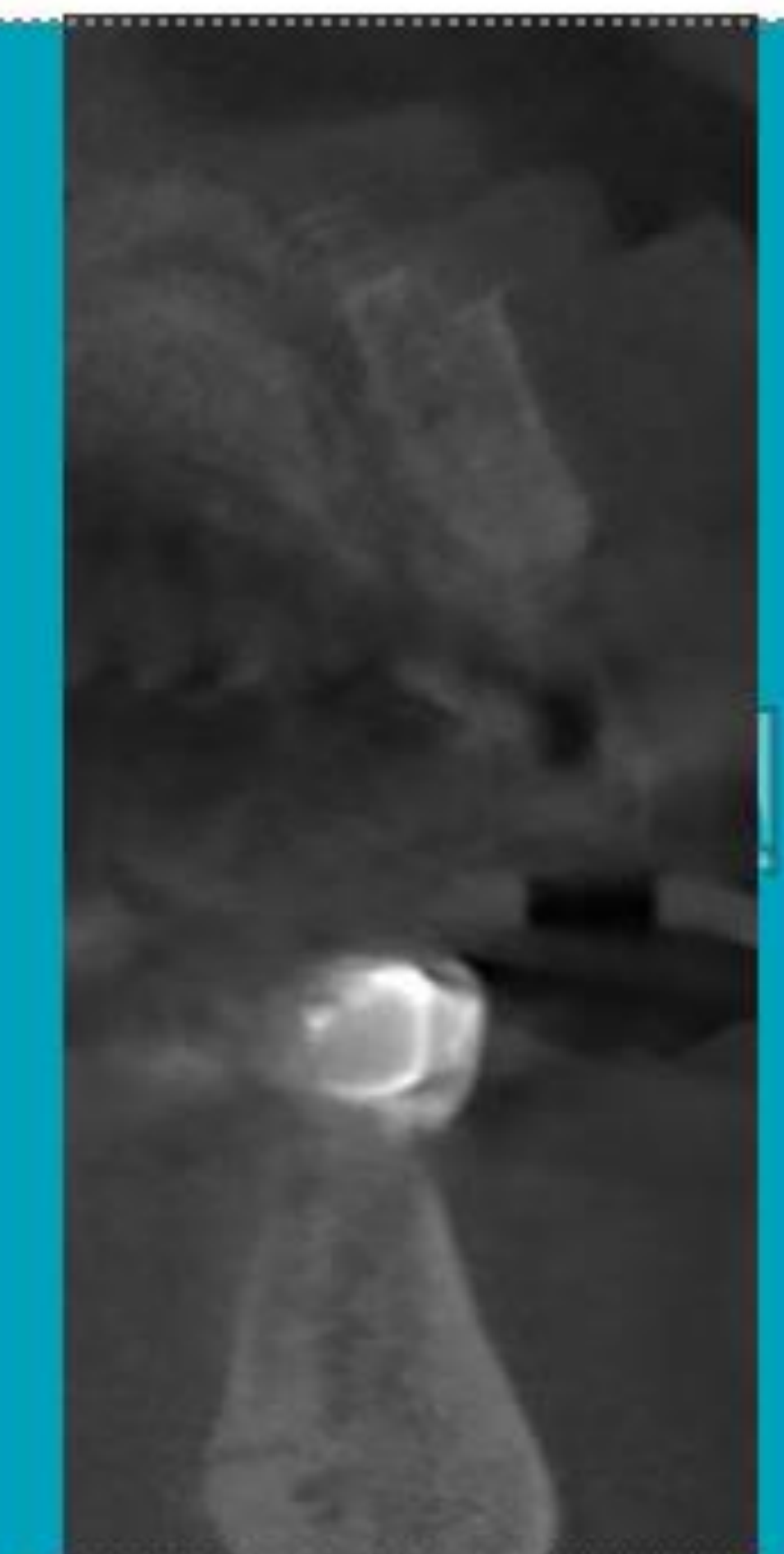
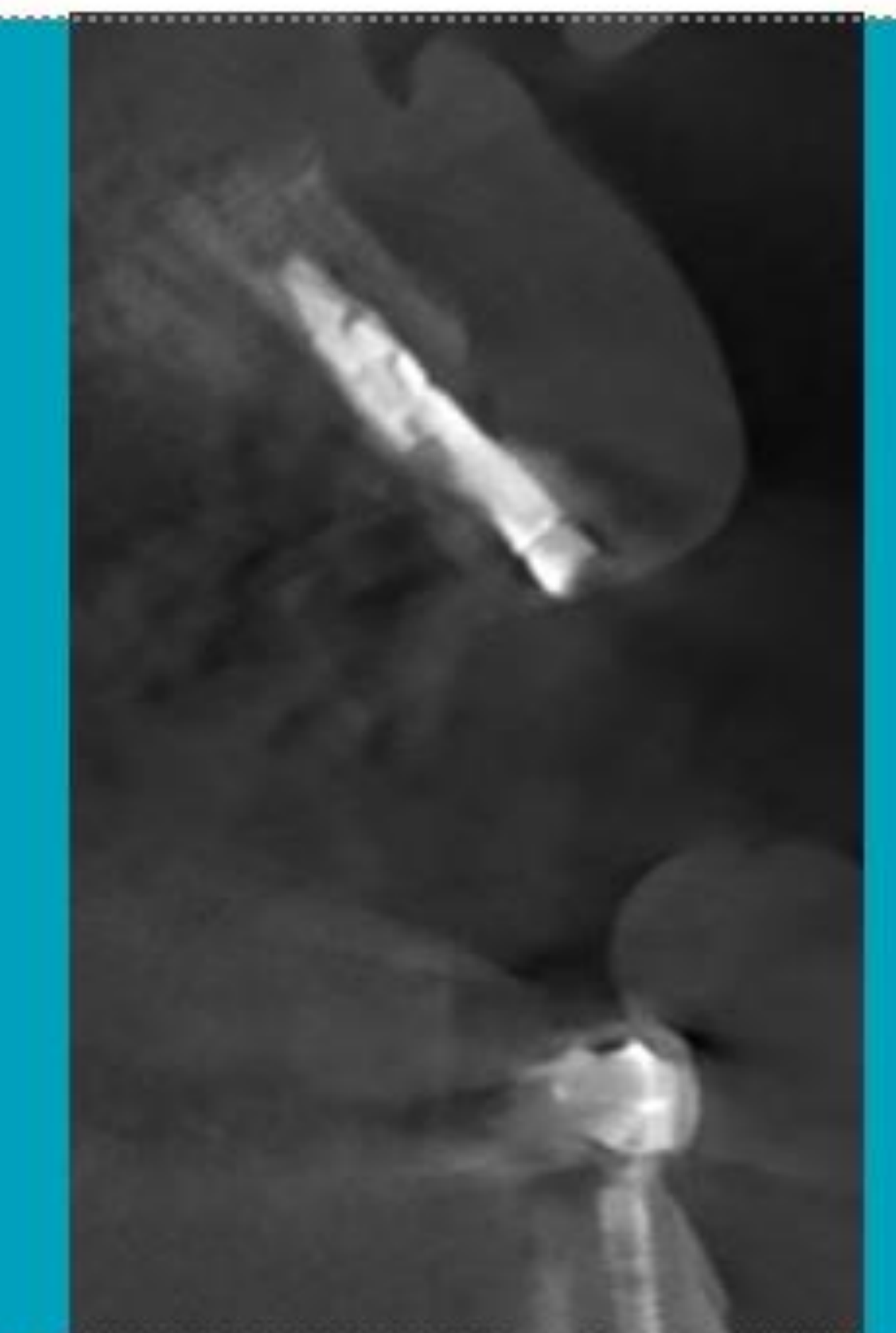




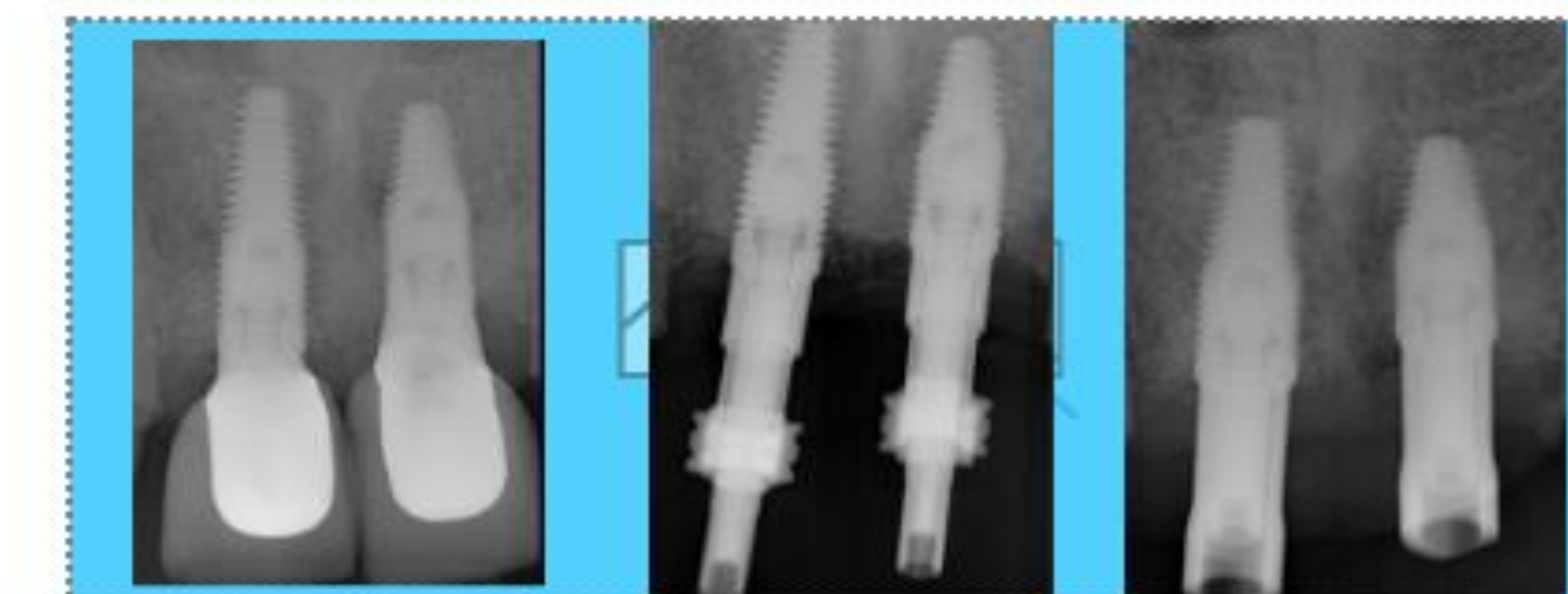
#8

Extraction and Immediate Placement, Temporary, PFM Screw-Retained Crown





FULL MOUTH REHABILITATION WITH ANGLED PLATFORM IMPLANTS #6,8,9



#8-Site Preservation,
Implant Placement,
Temporary, PFM Screw-
Retained Crown

9- PFM Screw-retained
Crown

#6 - PFM Screw-Retained
FPD

