

# **Implantation & GBR with Digital Guide**

(Bone Level, OSTEON 3 Collagen, Digital Guide(F))

67y/M

Dr.SM Chung

# #16 Pre-op (2019-05-15)

rainbow 3D Viewer

IMPLANT MPR Cross Report

Curve Info  
W 80mm  
I 0.5mm  
T 0.0mm

김두용  
MALE  
19520403  
67  
8 [mA]  
94 [KVP]  
CT

Nerve Info  
R 1.0mm

The image displays a comprehensive 3D dental planning interface. The central focus is a 3D model of a human skull, rendered in a realistic brownish-gold color, showing the maxilla and mandible with several dental implants. A red wireframe box highlights a specific area on the upper jaw. To the right, a circular axial CT scan shows the cross-section of the skull with red and green lines tracing the dental arches. Below this, two sagittal CT slices provide a side view of the jaw and implants. At the bottom, a panoramic CT scan shows the full length of the jaw, with a red crosshair indicating a specific slice. Further down, three coronal CT slices show the vertical alignment of the implants. The interface includes a top toolbar with icons for file operations and a settings gear. A vertical sidebar on the left contains navigation buttons for 'IMPLANT', 'MPR', 'Cross', and 'Report'. A 'Curve Info' panel on the right allows for adjusting window (W), level (I), and thickness (T) parameters. A patient information panel on the far right lists the patient's name, gender, date of birth, age, and scan parameters. A 'Nerve Info' panel at the bottom left shows a nerve map with a 1.0mm thickness. The bottom right corner features the 'Dentium' logo and the tagline 'For Dentists by Dentists'.

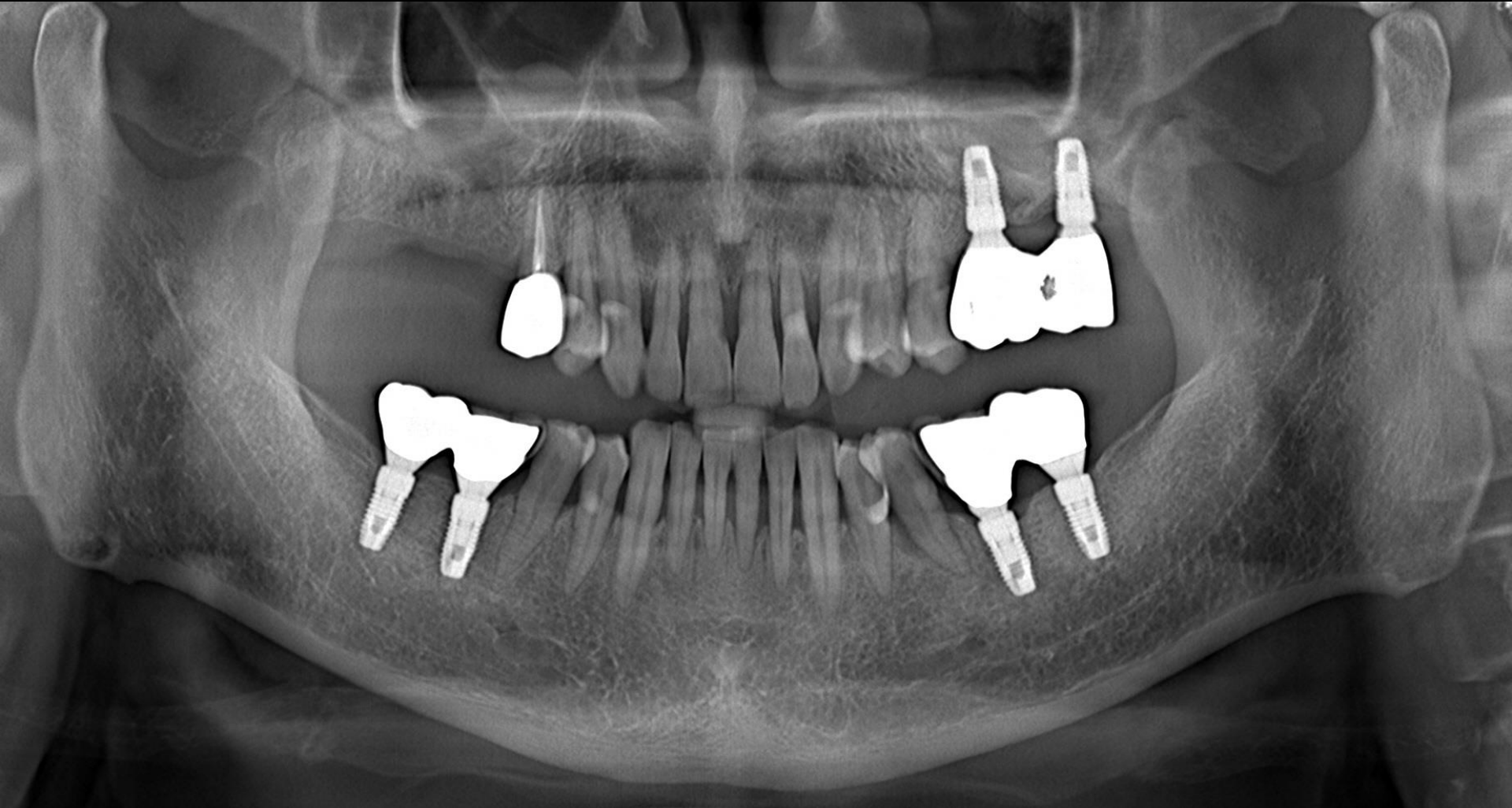
# #17 Pre-op (2019-05-15)

The screenshot displays the rainbow 3D Viewer interface. The main window shows a 3D model of a human skull with dental implants. The interface includes a top toolbar with icons for file operations and a settings gear. On the left, a vertical sidebar contains tabs for 'IMPLANT', 'MFR', 'Cross', and 'Report'. The central area is divided into several panels:

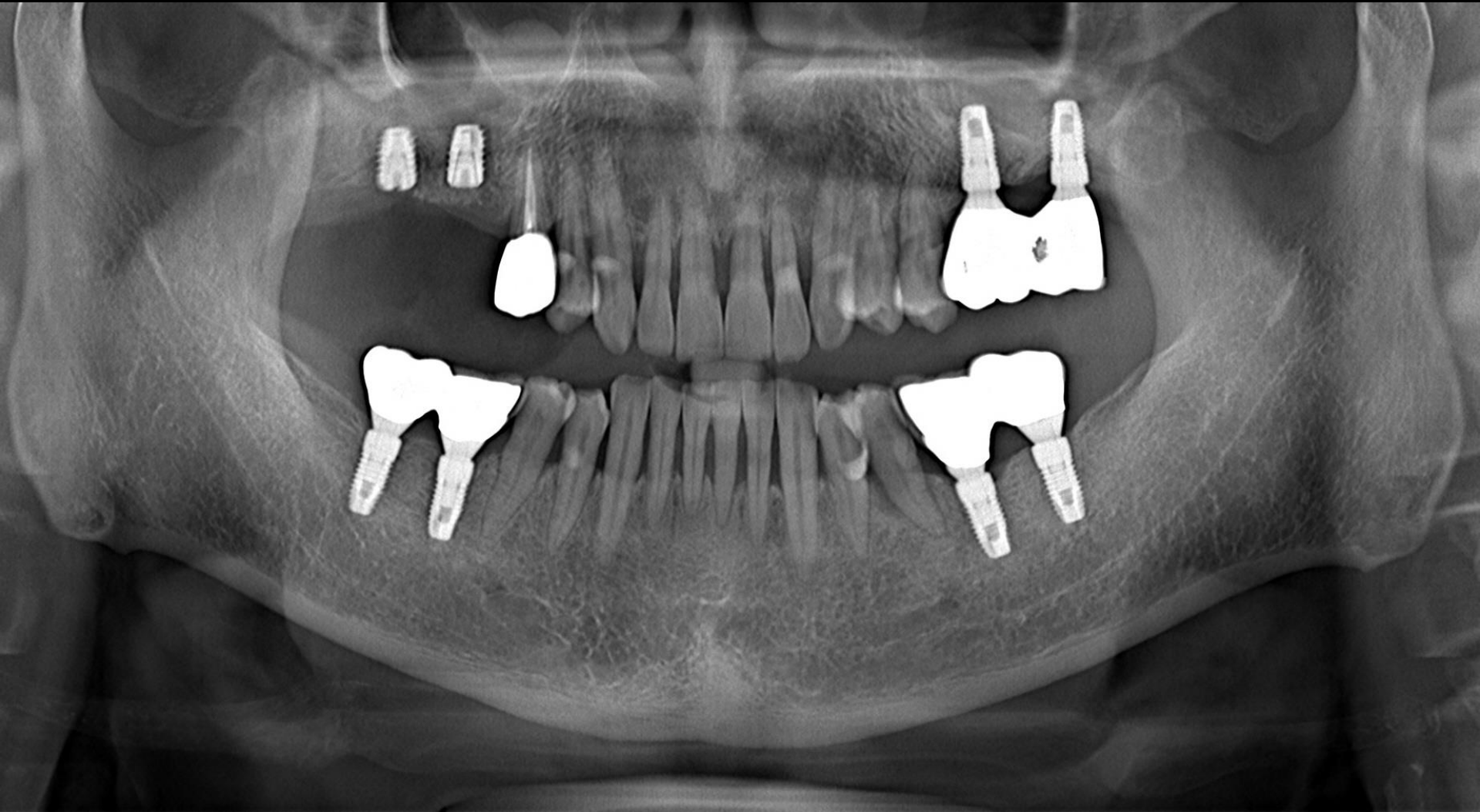
- Curve Info Panel:** Shows parameters for a selected curve: W: 80mm, I: 0.5mm, T: 0.0mm.
- Curve Visualization Panel:** Displays a top-down view of the dental arch with red and green curves overlaid on the teeth.
- Curve Data Panel:** Contains patient information: 김두용 (Kim Du-yong), MALE, 19520403, 67, 8 [mA], 94 [KVP], CT.
- Navigation Panel:** Includes a 3D coordinate system (H, A, R, L, F) and a 2D navigation pad.
- Implant Information Panel:** Located at the bottom left, showing 'Nerve Info' with a value of R 1.0mm.

The bottom of the interface features a large panoramic CT scan view and three smaller sagittal CT scan views. The Dentium logo is visible in the bottom right corner.

Pre-op (2019-06-19)

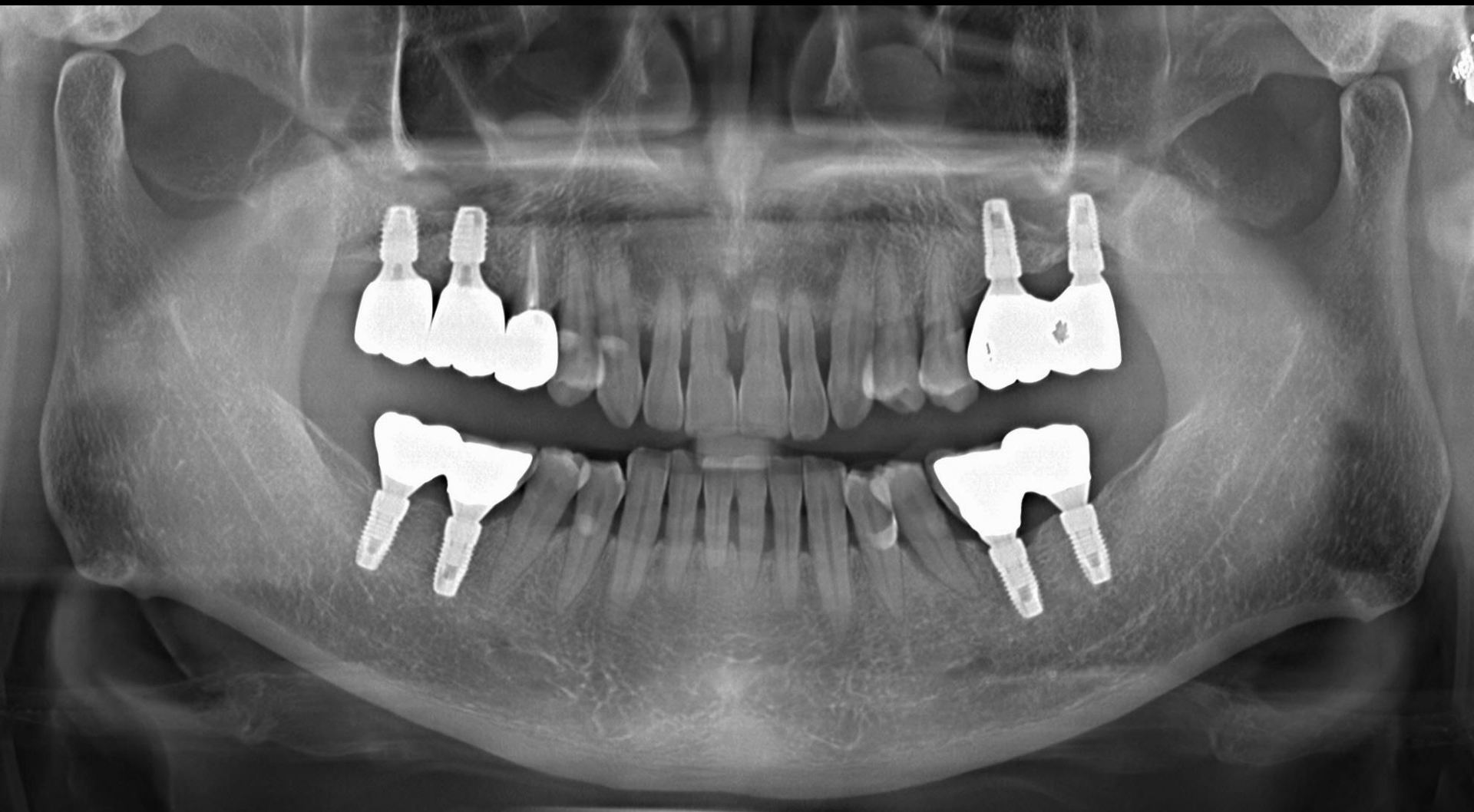


Post-op (2019-06-19)

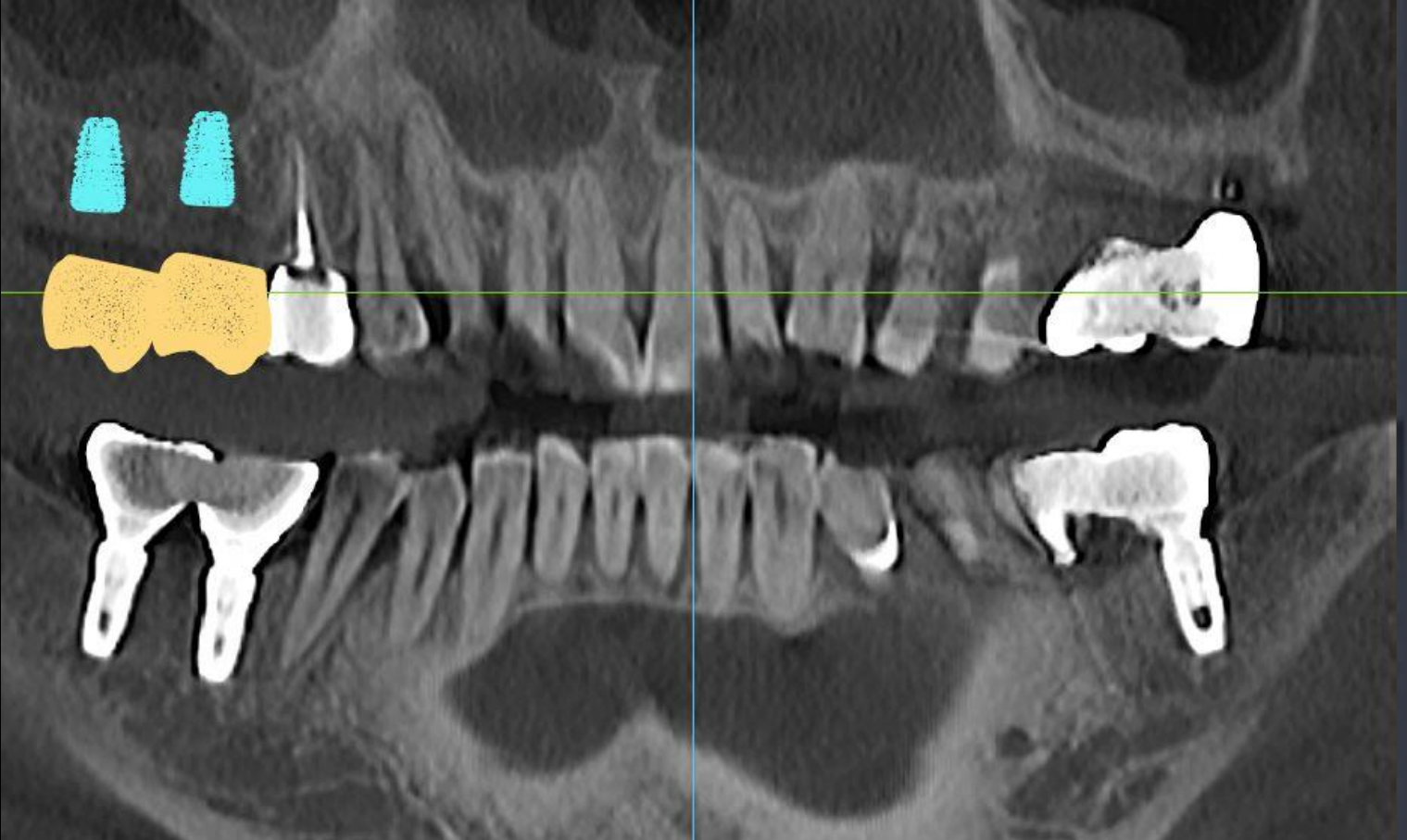




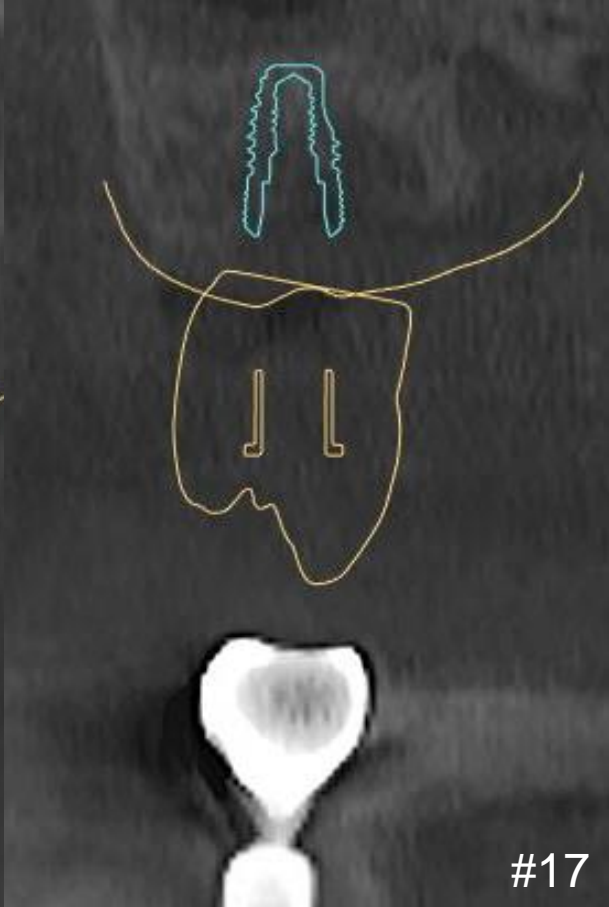
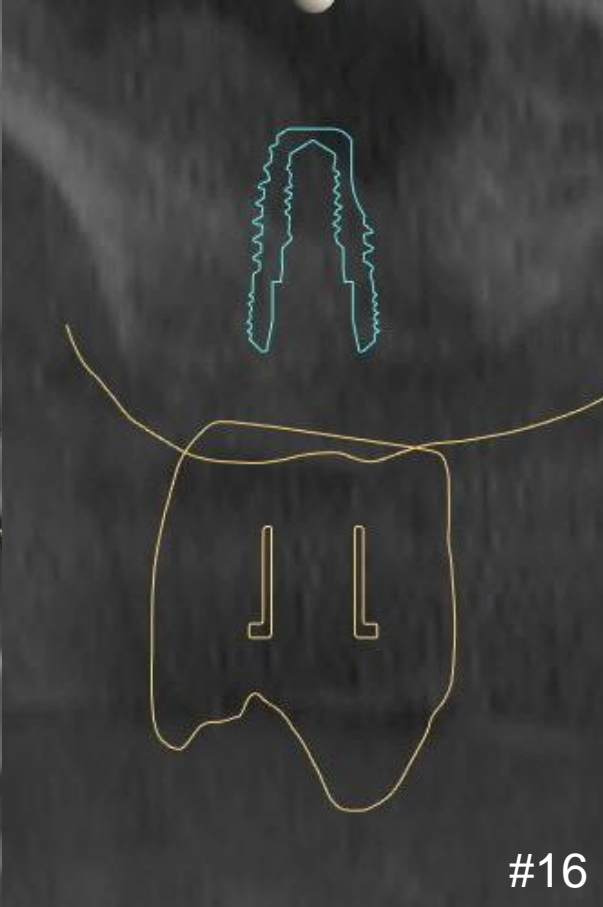
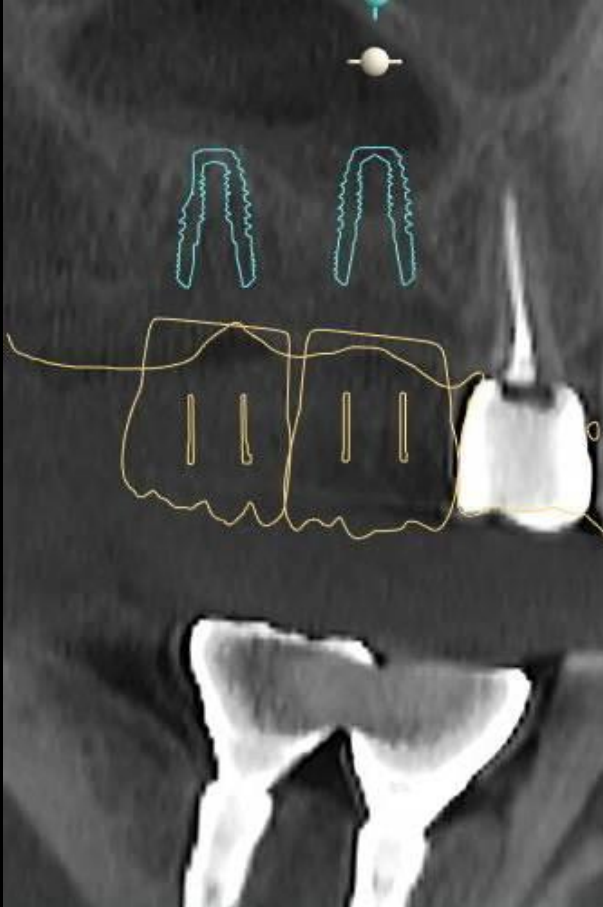
Final prosthesis (2020-02-05)



# Implant Planning

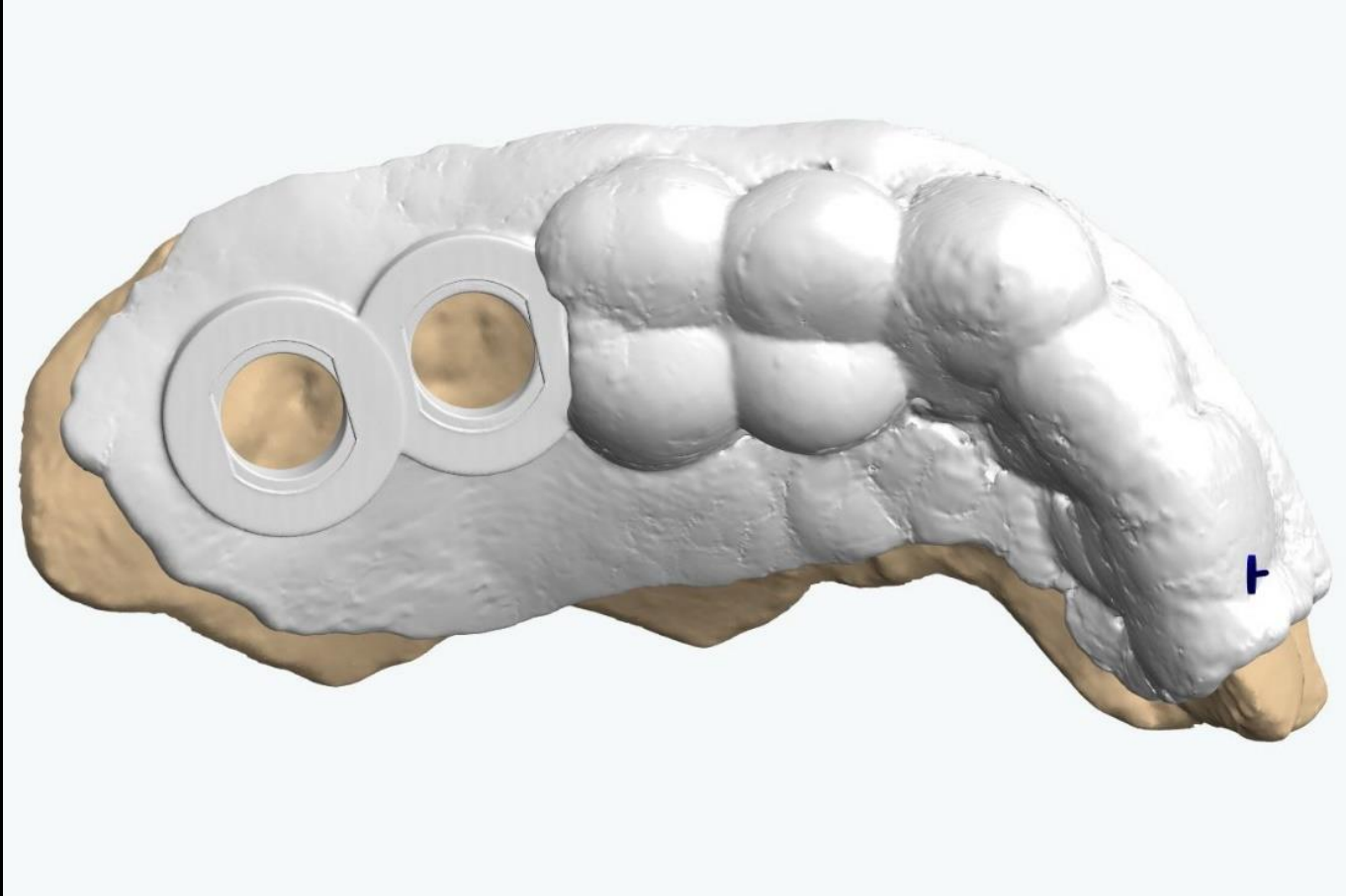


# Implant Planning

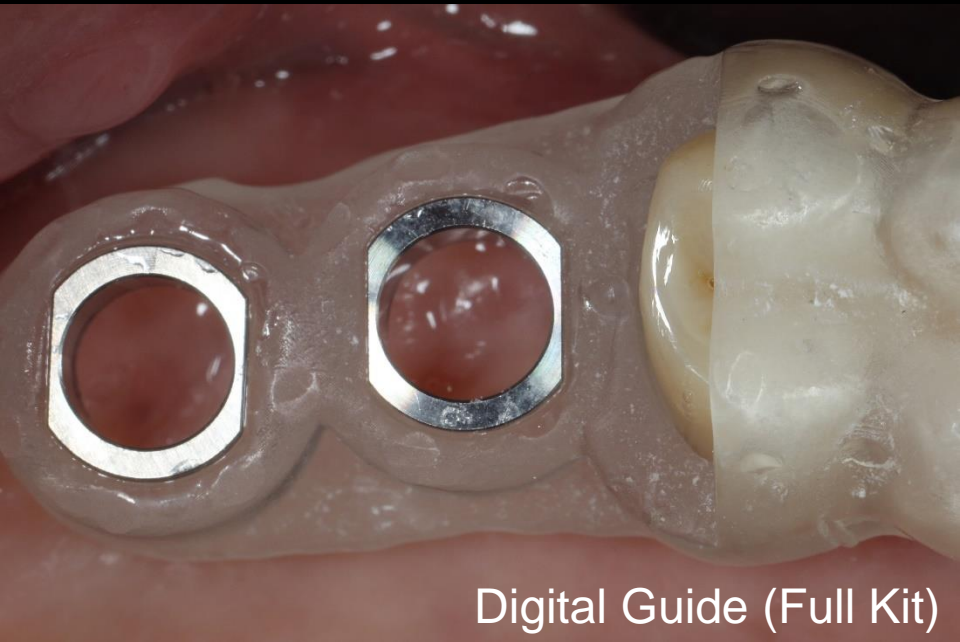




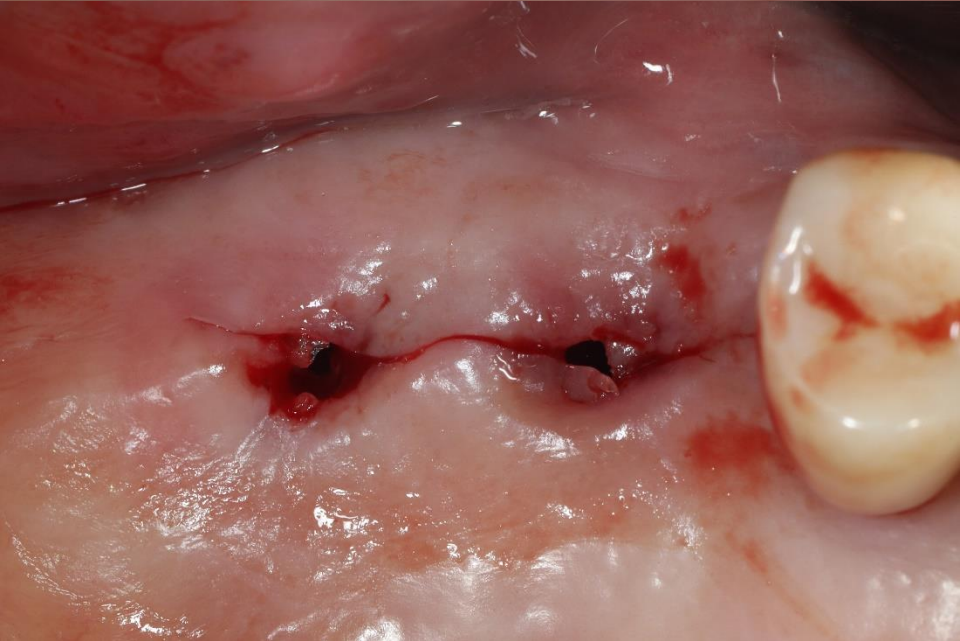
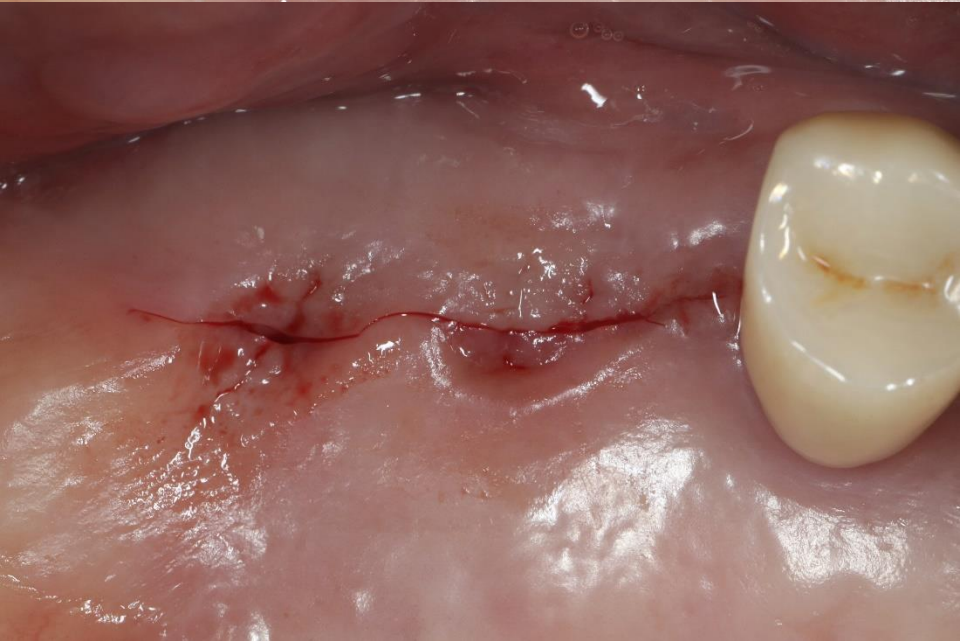
# Stent Design



Surgery (2019-06-19)

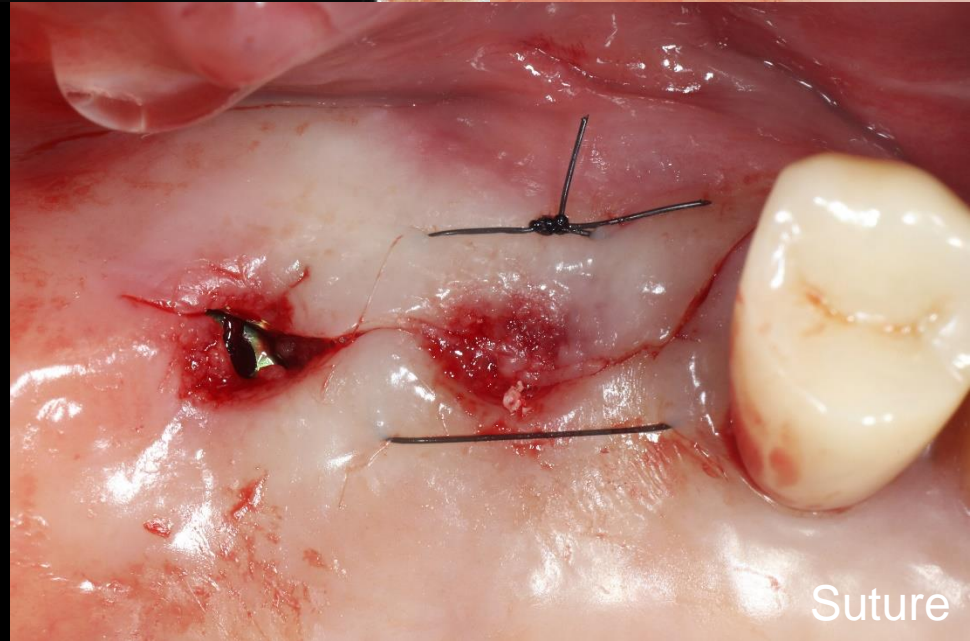
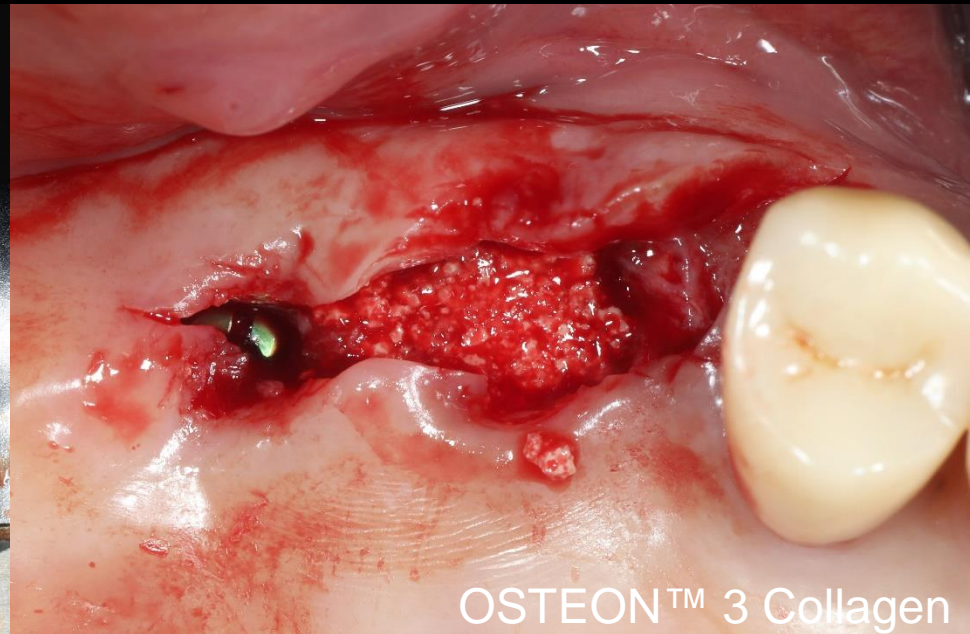


Digital Guide (Full Kit)

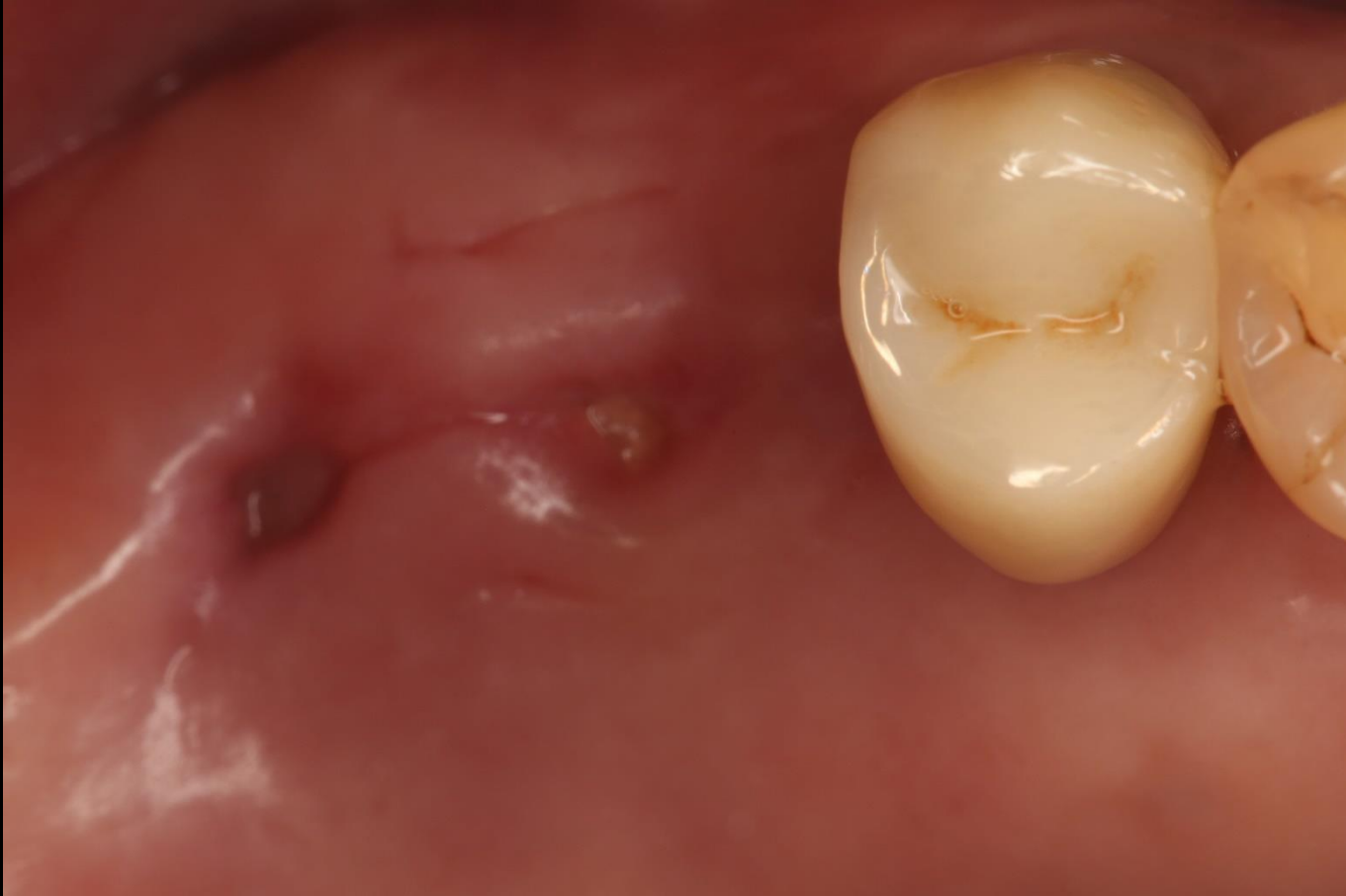




Surgery (2019-06-19)



Healing : 1 week (2019-06-27)



Healing : 2 months 1 week (2019-08-28)





Healing : 5 months / 2<sup>nd</sup> Surgery (2019-11-04)

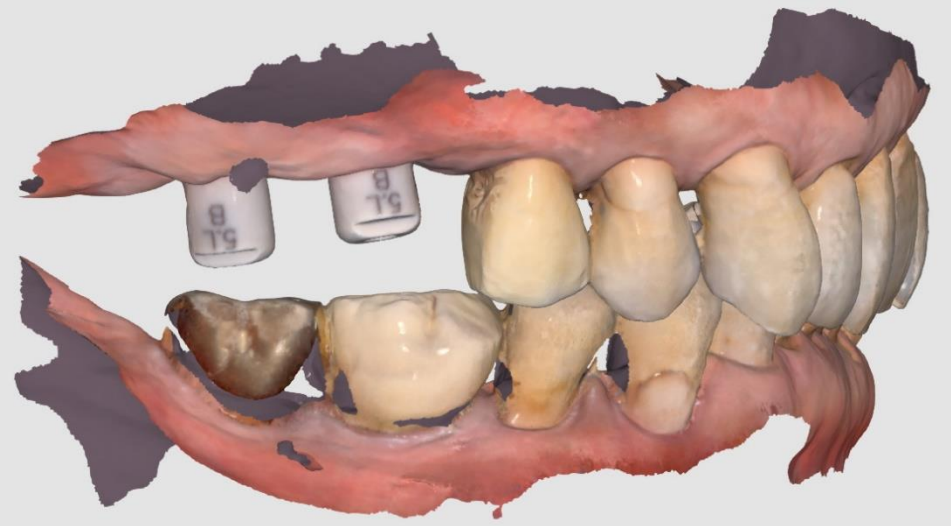
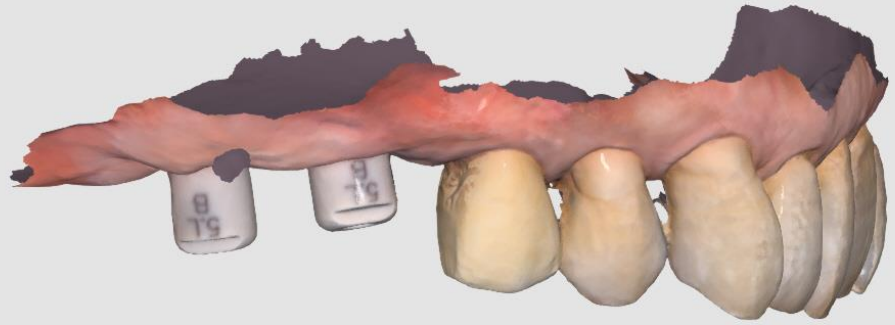
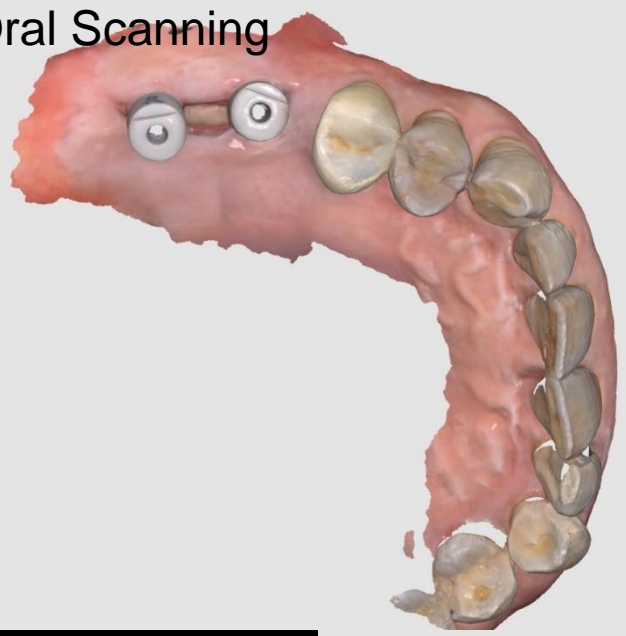


Healing : 1 week (After 2<sup>nd</sup> Surgery) (2019-11-13)

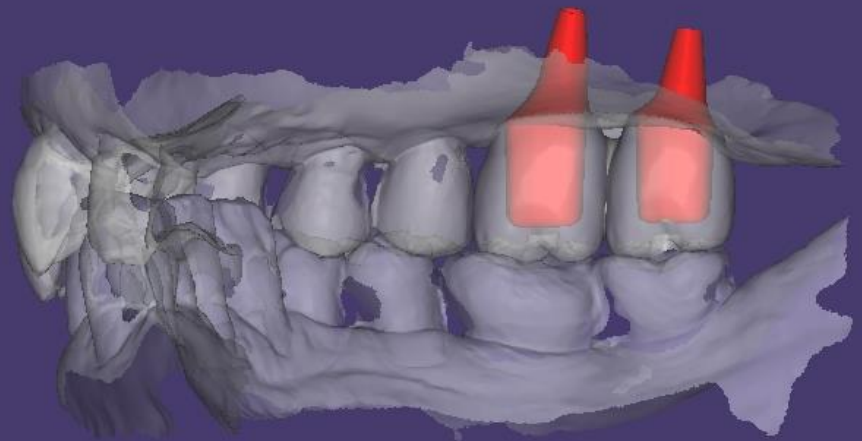
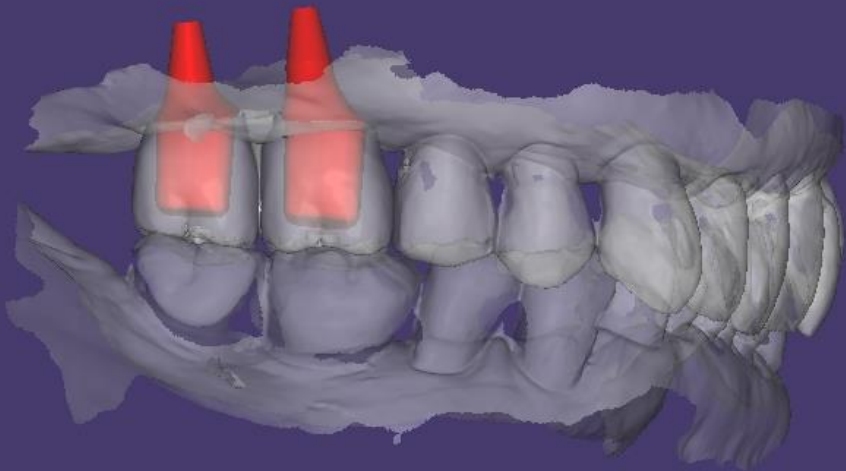
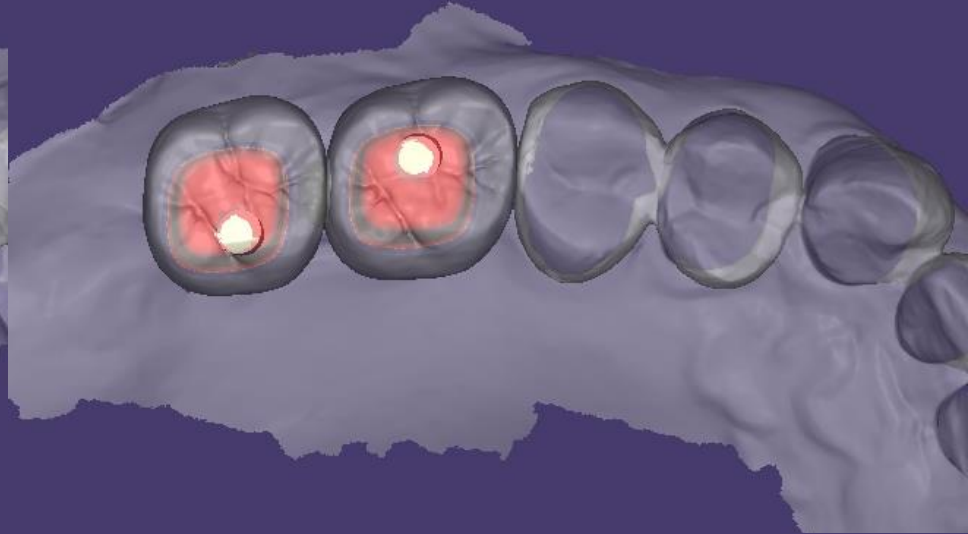
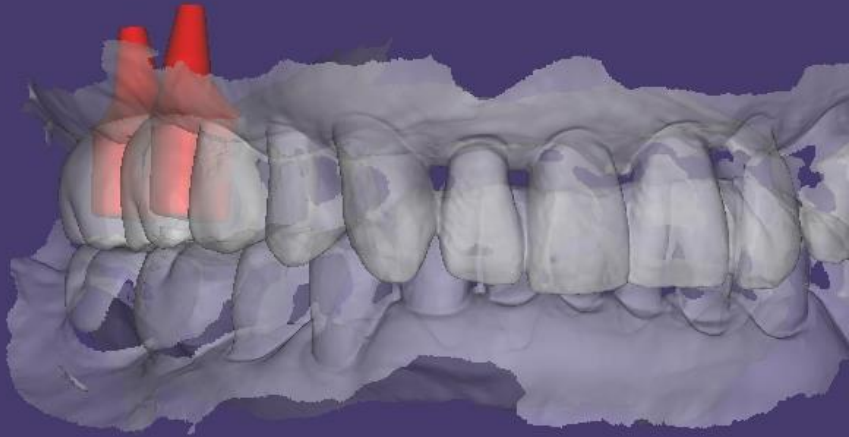


Scan Abutment

Intra Oral Scanning



# CAD Design (Customized abutment / Temporary)





Provisional restoration (2019-11-25)





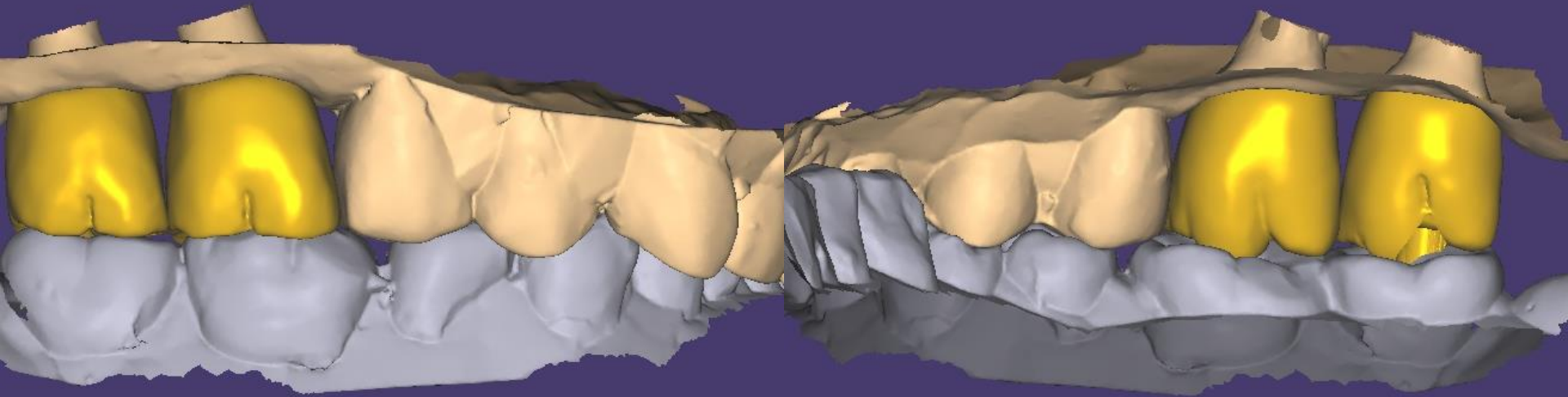
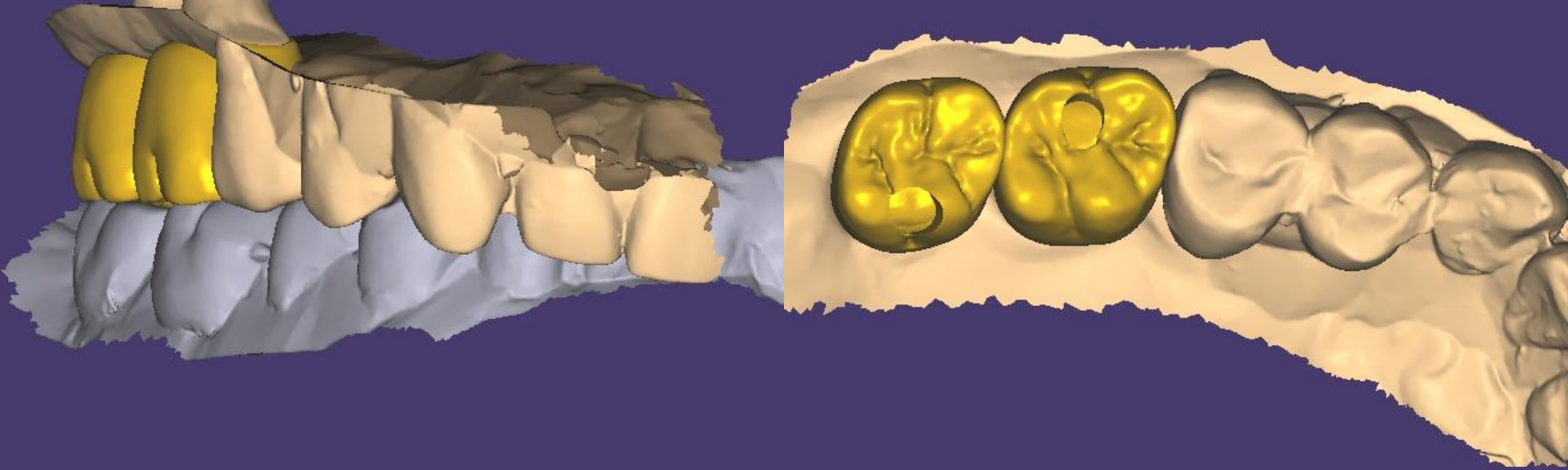
Impression (2020-01-06)



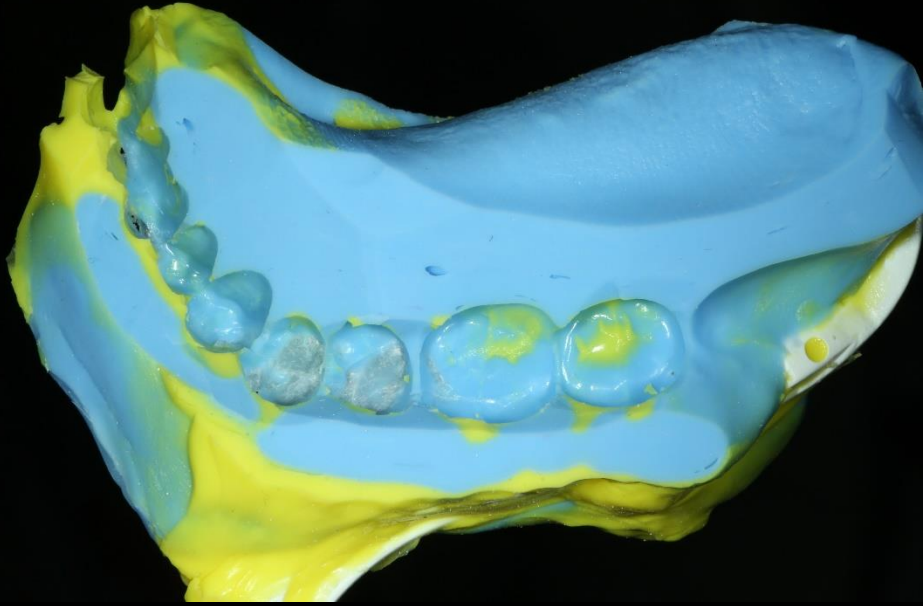
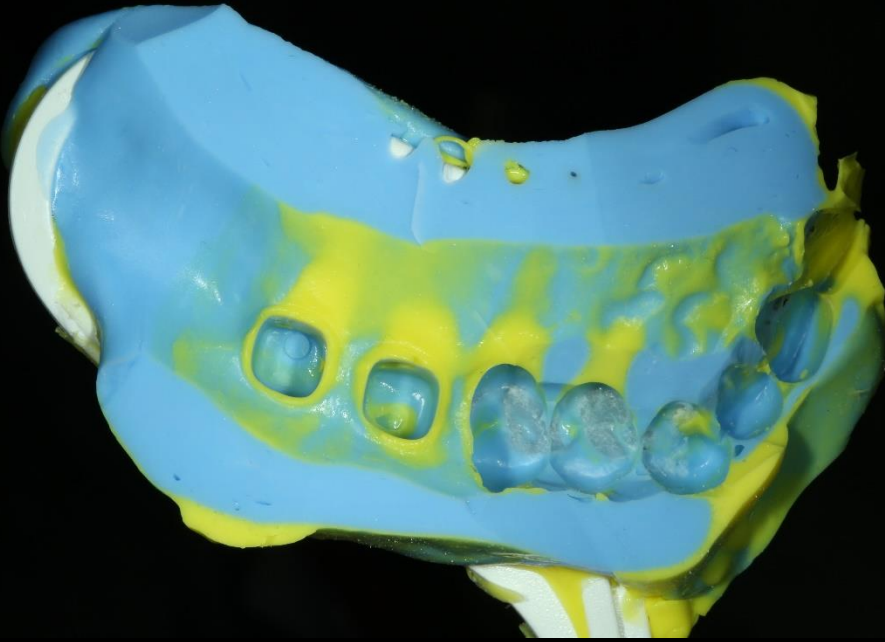
# Shade taking



# CAD Design (Final prosthesis)

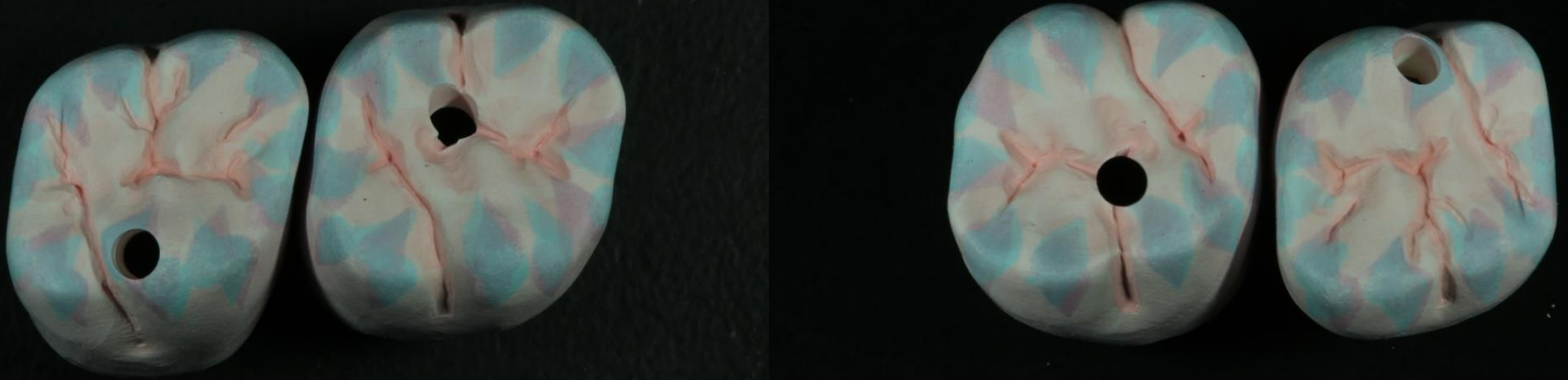


Impression model





Brushing





Sintering / Finishing



Final prosthesis (2020-01-20)



Follow up : 5 months (2020-06-03)

