

Live surgery

Dr. Root

2019.12.13 (Fri.)

[Case Preview]

Maxillary Sinus elevation
& Implantation with Digital Guide

Patient Information

Age : 45y

Sex : Male

Chief Complaint

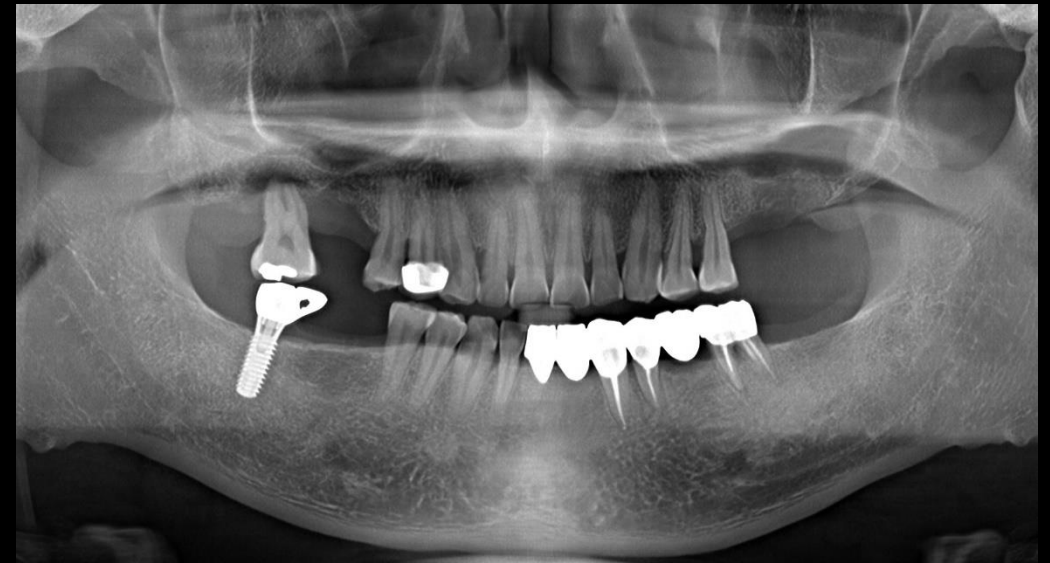
: "I want an implant surgery consultation"

Past Medical History

: N/S

Past Dental History

: Extraction #17 (1 week ago)
#27 (1 month ago)

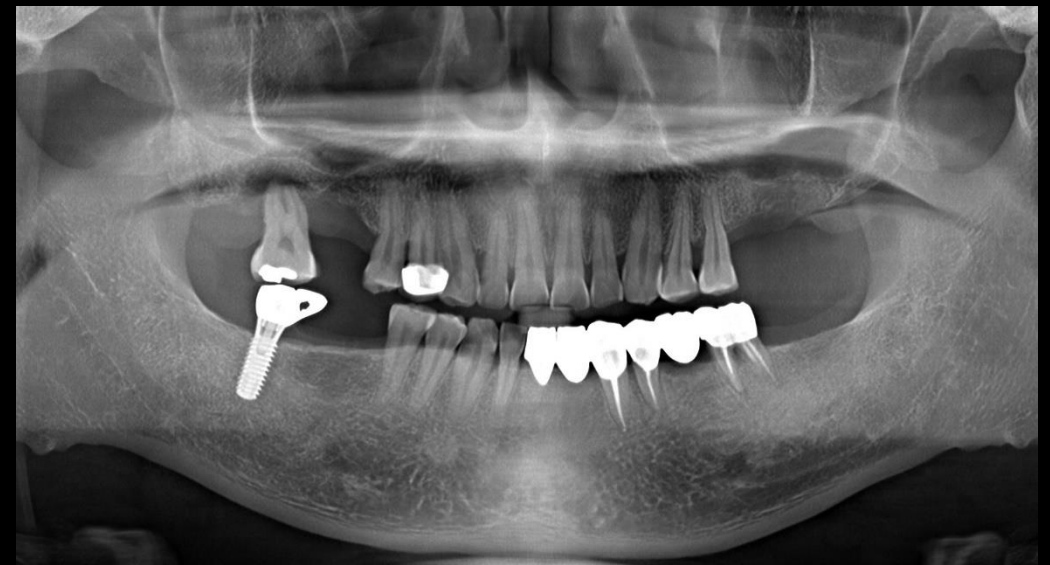


Patient Information



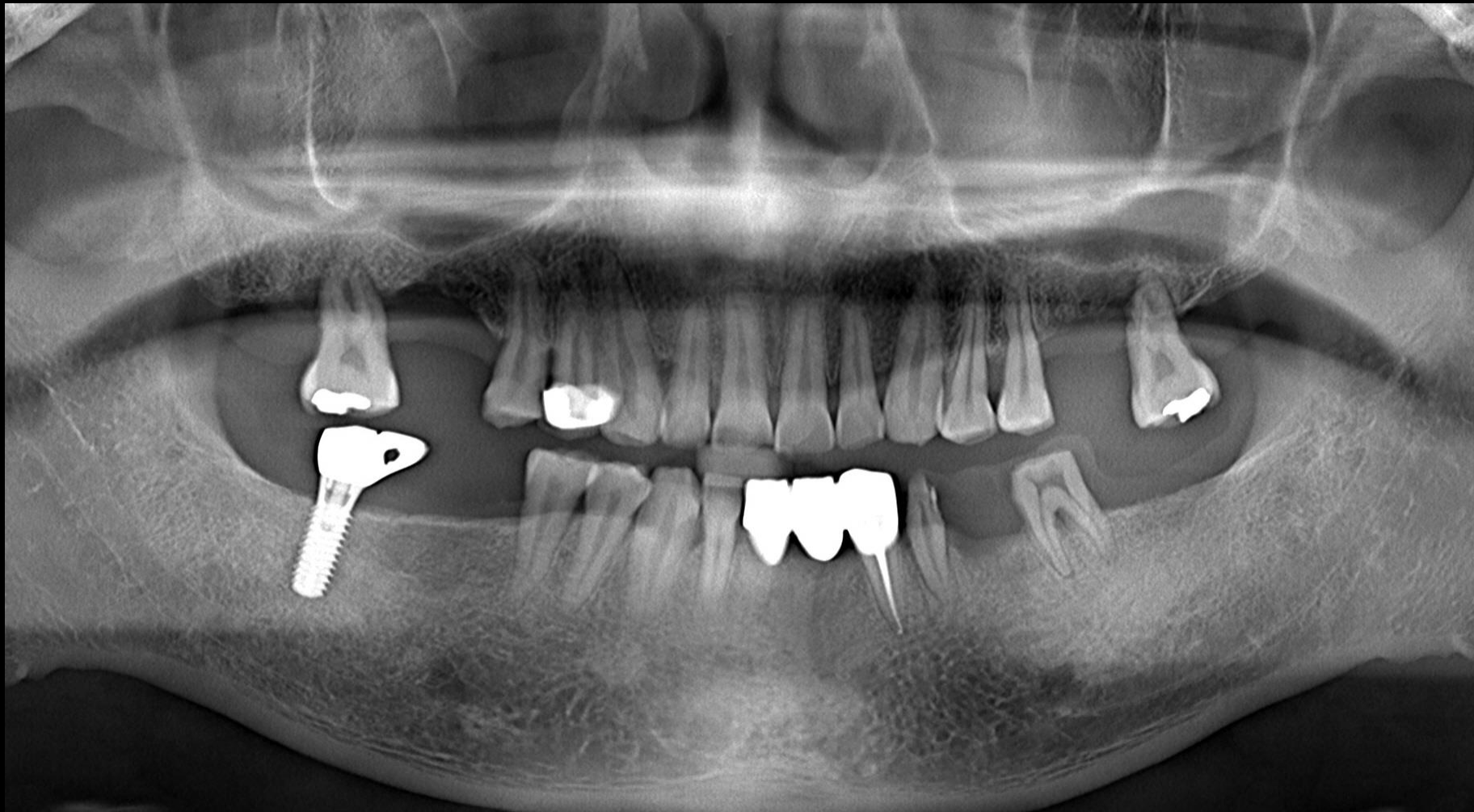
Surgery Plan

- #10 Simple Sinus elevation
- #20 Conventional Sinus elevation
- #16,26 Implantation with Digital Guide
- #37 Simple Implantation with Digital Guide
(Immediate loading : Guide + Link + Temporary)



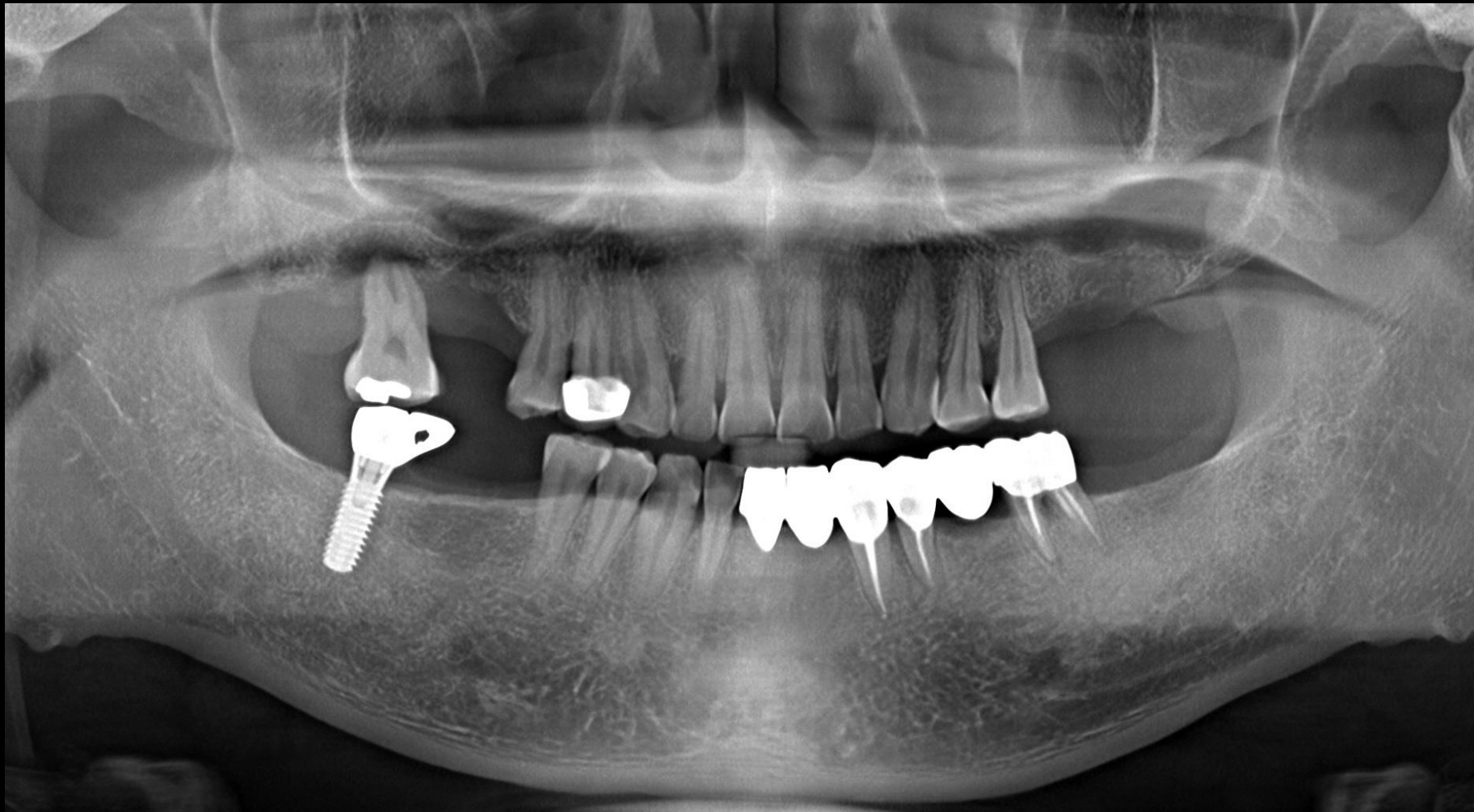
Pt. Park (45y/M)

Oral exam (2019-04-03)



Pt. Park (45y/M)

#27 Extraction (2019-11-27)



rainbow 3D Viewer

IMPLANT MPR Cross Report

Curve Info
W 80mm
I 0,5mm
T 0,0mm

박승범
MALE
19740304
45
8 [mA]
94 [kVP]
CT

Nerve Info
R 1,0mm

Dentium
For Dentists by Dentists

The image displays a 3D CT scan of a human skull with dental implants. The main view shows a 3D reconstruction of the skull and teeth. A smaller view shows a cross-section of the implants. The interface includes various toolbars and information panels.

rainbow 3D Viewer

IMPLANT MPR Cross Report

Curve Info
W 80mm
I 0,5mm
T 0,0mm


Nerve Info
R 1,0mm

Dentium
Fix Dentals by Dentals

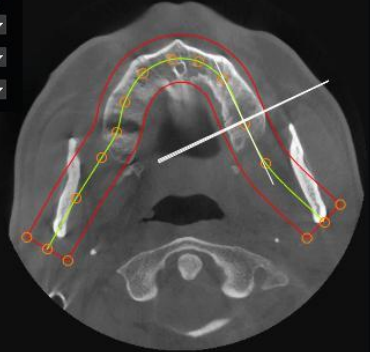
The screenshot displays the rainbow 3D Viewer interface. The main window shows a 3D model of a patient's skull with a dental implant. The implant is a long, thin, white structure extending from the upper jaw area. The skull is rendered in a semi-transparent orange color. To the right, there are several smaller windows: a top-down view of the skull with colored curves (red, yellow, green) and a white line; a sagittal view of the skull; and three coronal views of the skull. The interface includes a top toolbar with icons for home, delete, save, print, and settings. A left sidebar contains navigation buttons for IMPLANT, MPR, Cross, and Report. A right sidebar contains various tool icons and a camera icon with a '4' notification. The bottom right corner features the Dentium logo and tagline 'Fix Dentals by Dentals'. The 'Curve Info' panel shows parameters: W 80mm, I 0,5mm, and T 0,0mm. The 'Nerve Info' panel shows R 1,0mm. The top right corner shows the software name 'rainbow 3D Viewer' and window control icons.

rainbow 3D Viewer


IMPLANT MPR Cross Report




Curve Info
W 80mm
I 0,5mm
T 0,0mm




A P H F



A P H F



Nerve Info
R 1,0mm



H A P F

Dentium
For Dentists by Dentists

rainbow 3D Viewer

IMPLANT MPR Cross Report

Curve Info
W 80mm
I 0,5mm
T 0,0mm

Nerve Info
R 1,0mm

Dentium
Für Dentists by Dentists

Initial Photo (#16,17)



Initial Photo (#26,27)



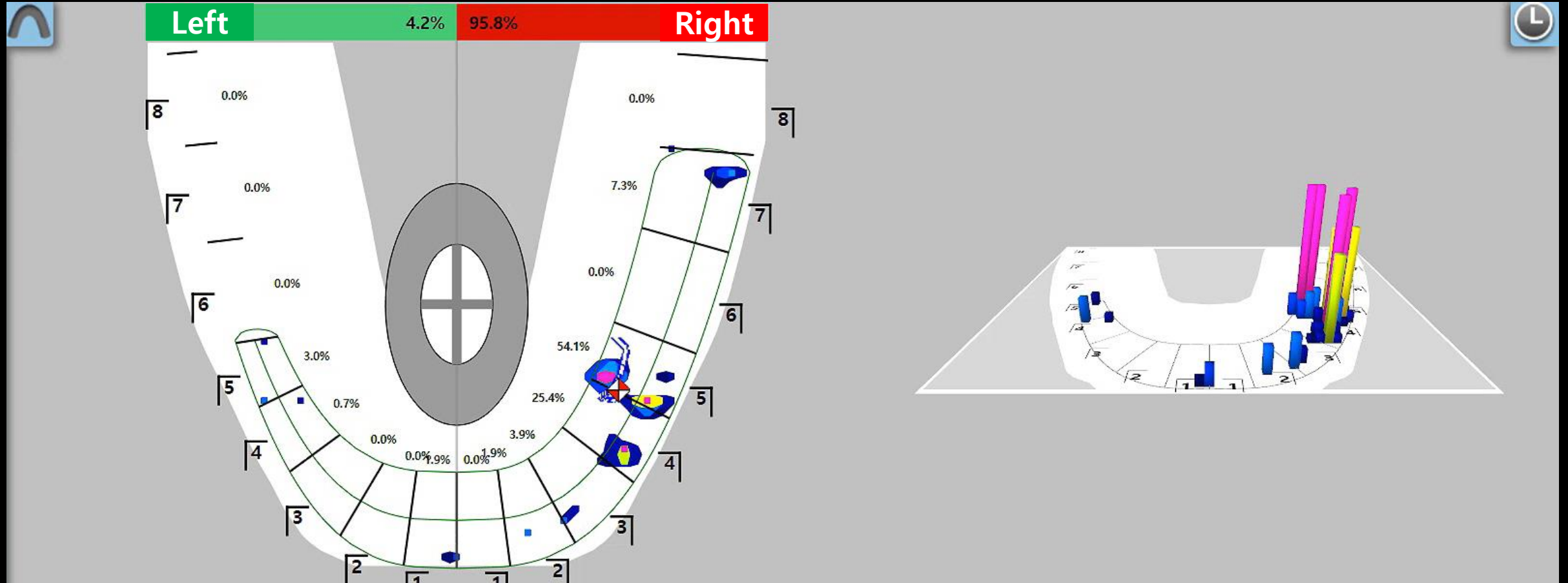
Initial Photo (#37)



Pre-op Photo (#17 Extraction)



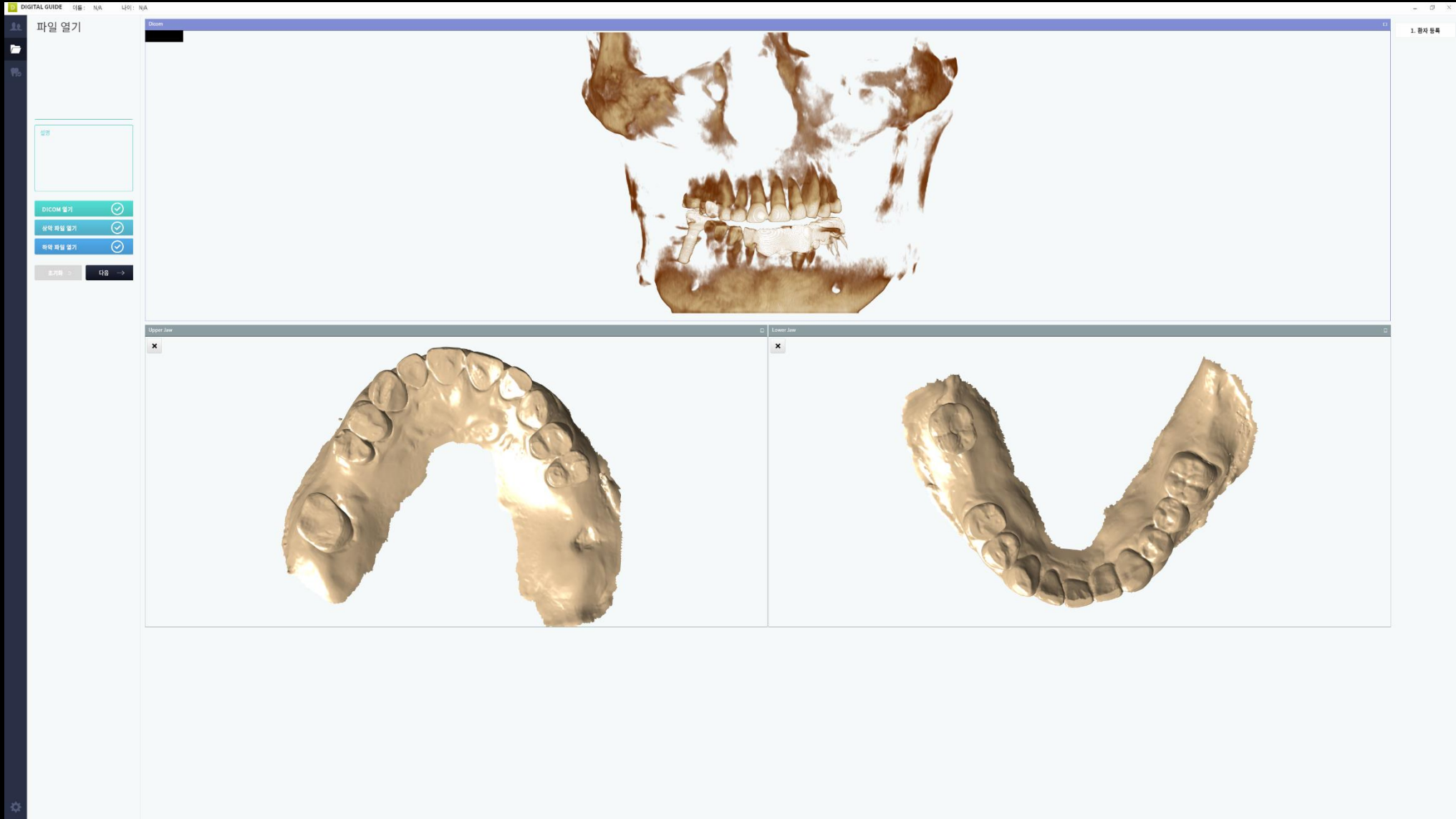
Bite examination



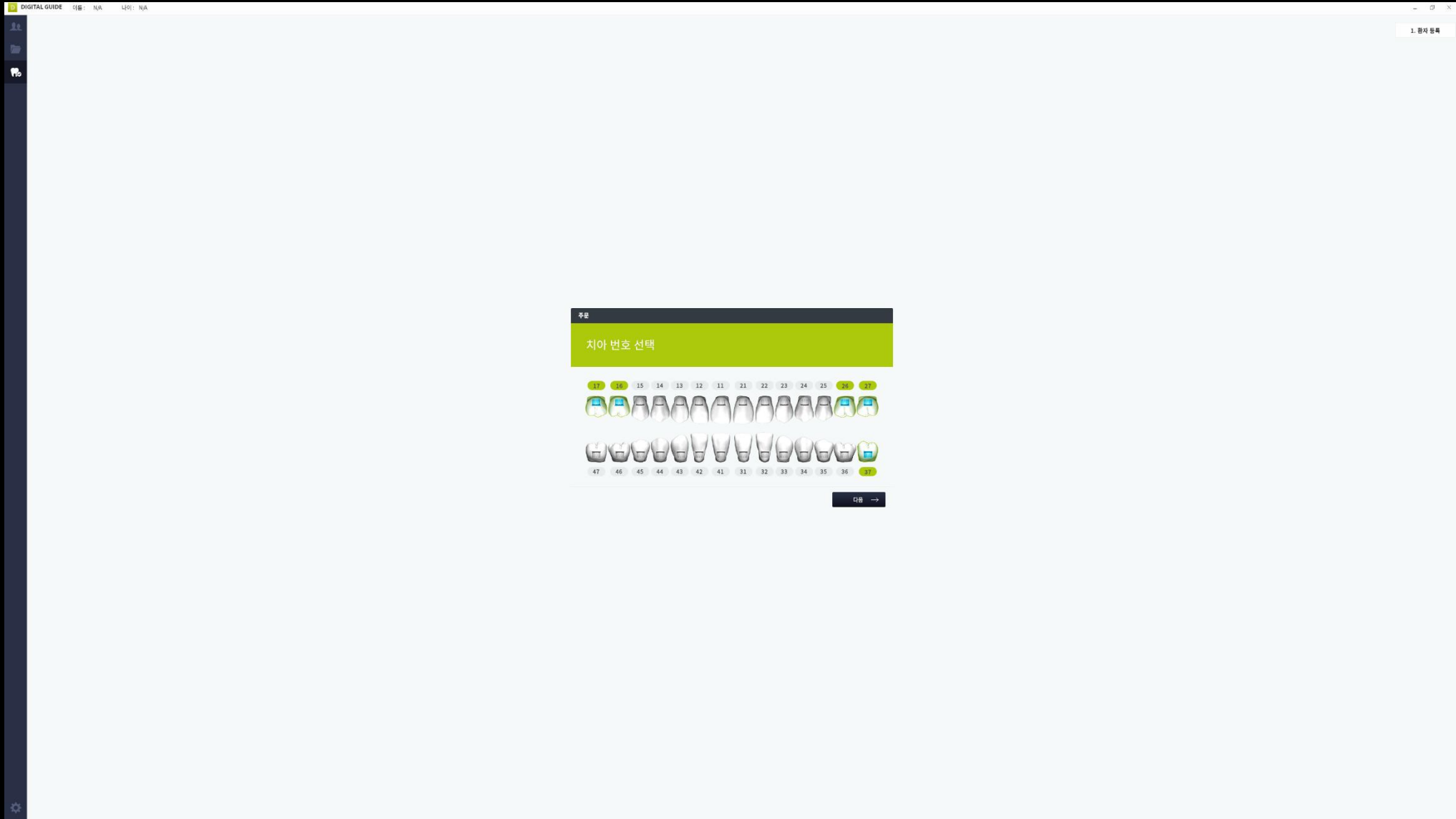
Intra Oral Scanning



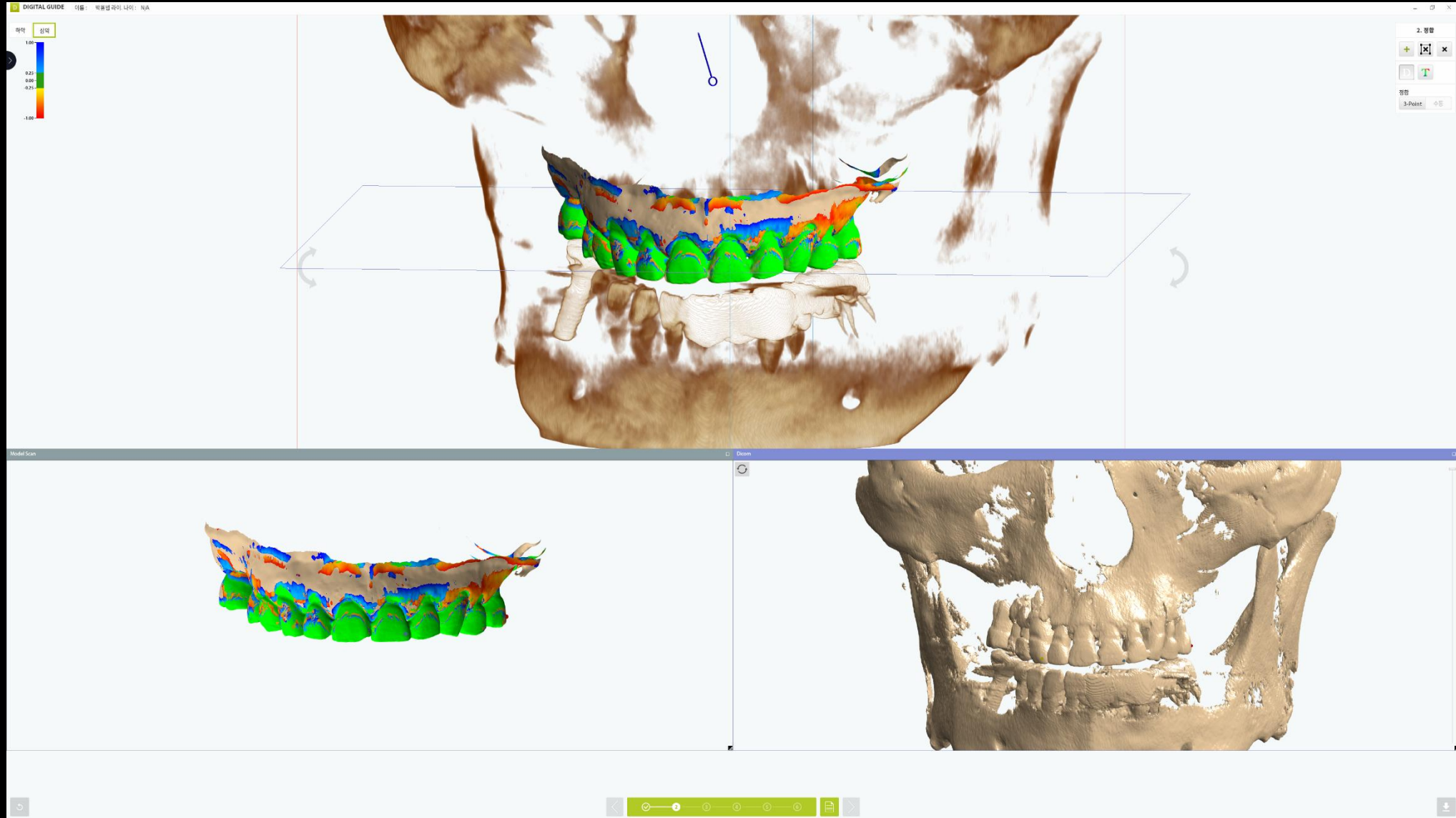
Digital Guide S/W (Load Data)



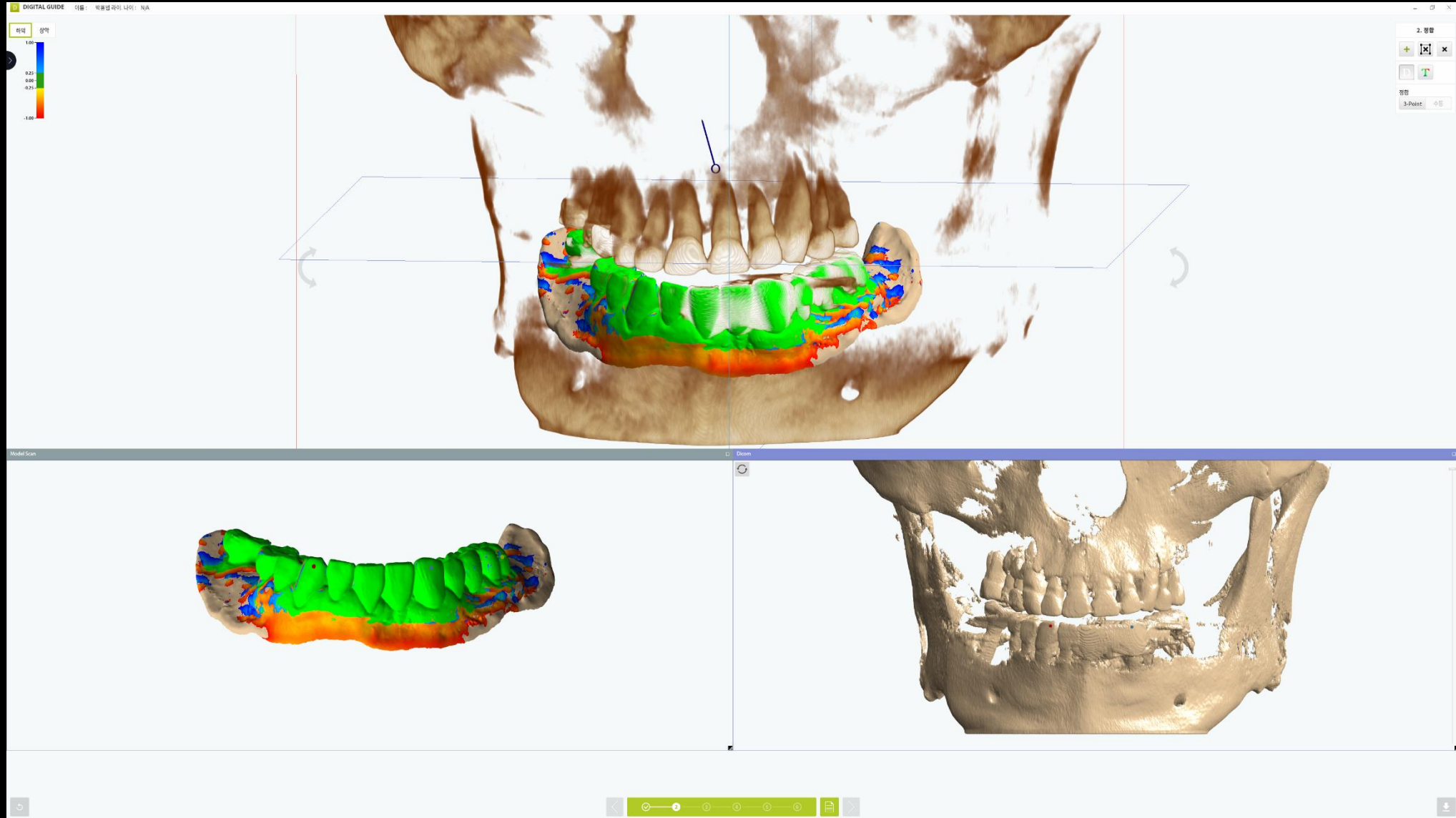
Digital Guide S/W (Select tooth number)



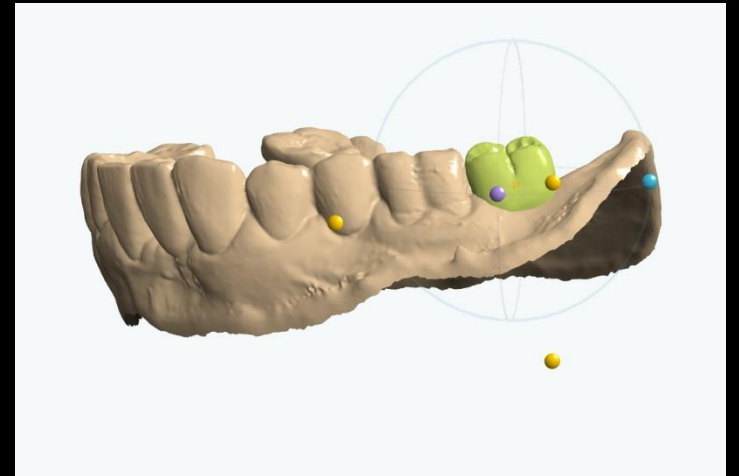
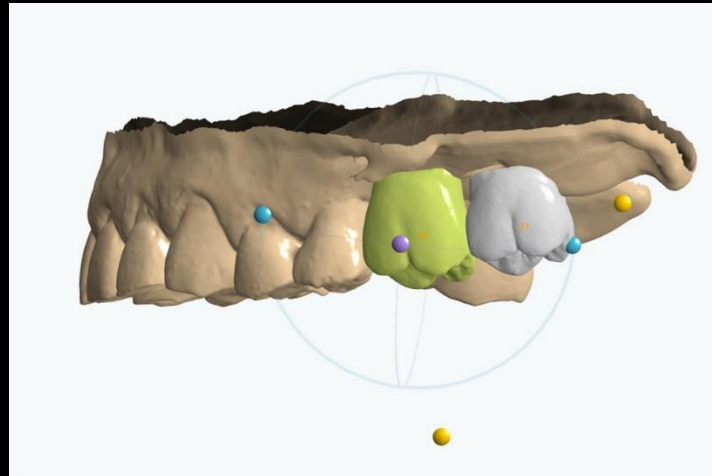
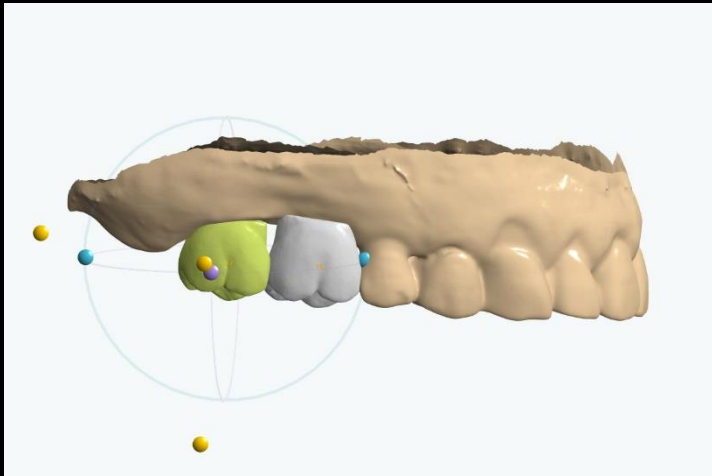
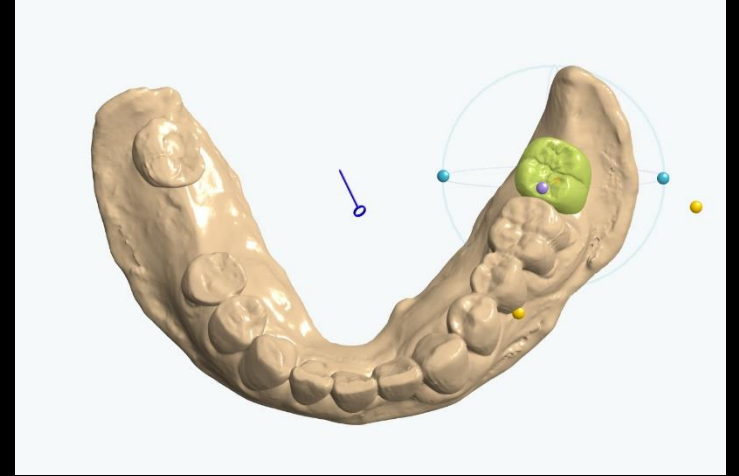
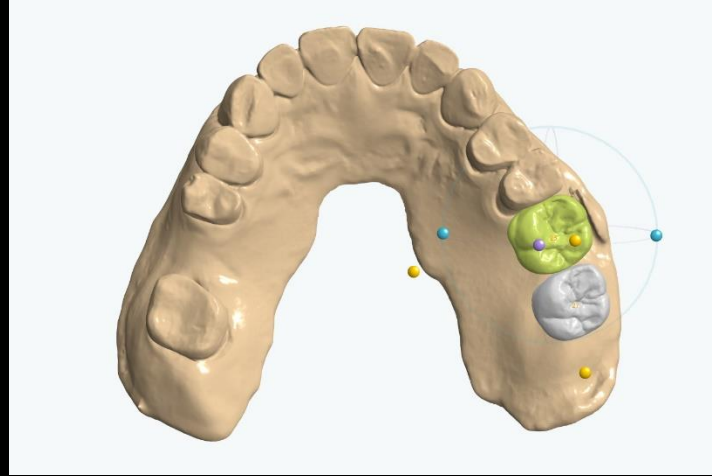
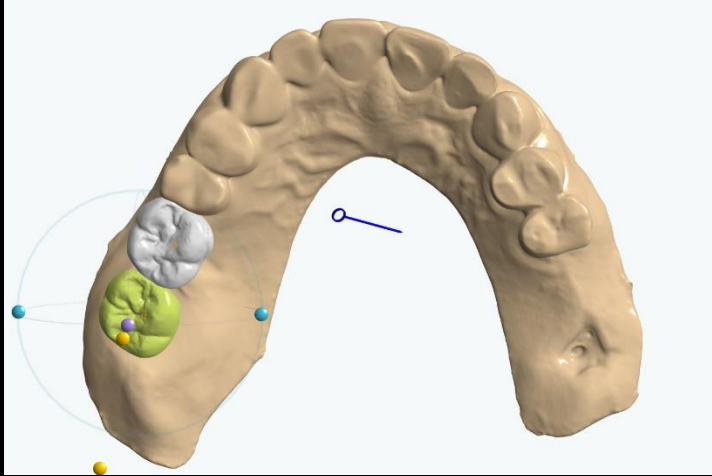
Digital Guide S/W (3 Point Merging)



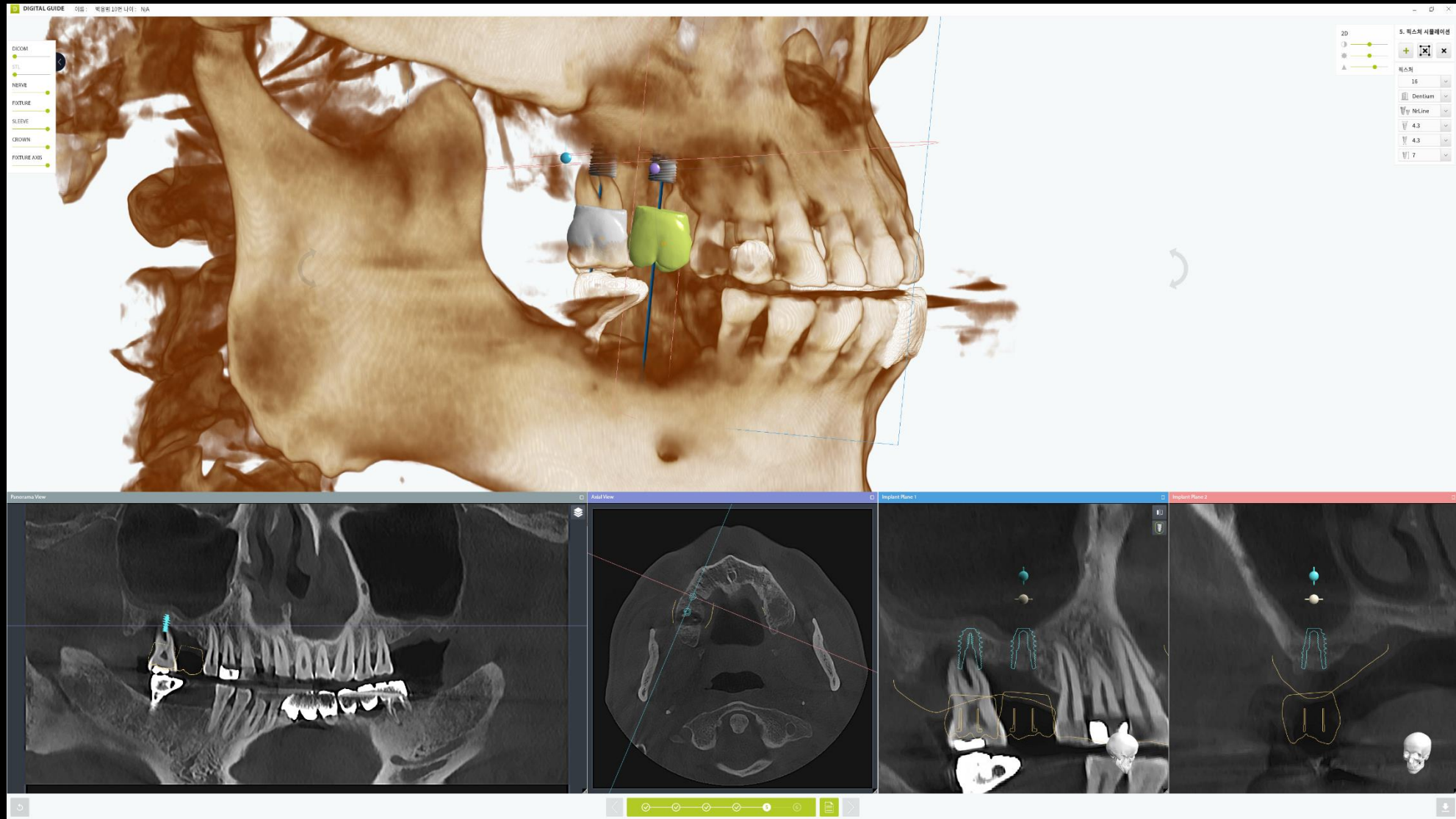
Digital Guide S/W (3 Point Merging)



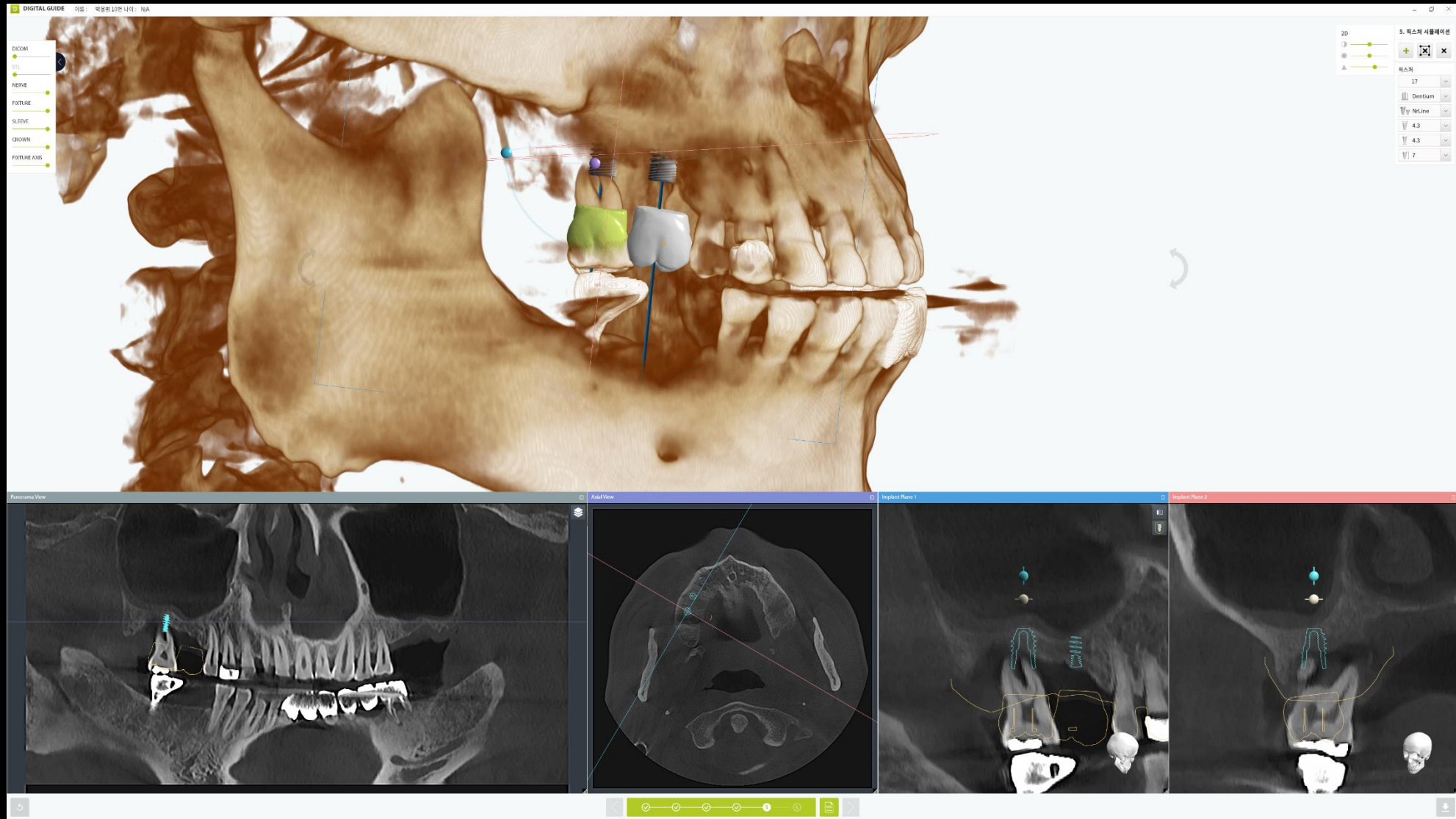
Digital Guide S/W (Crown Design)



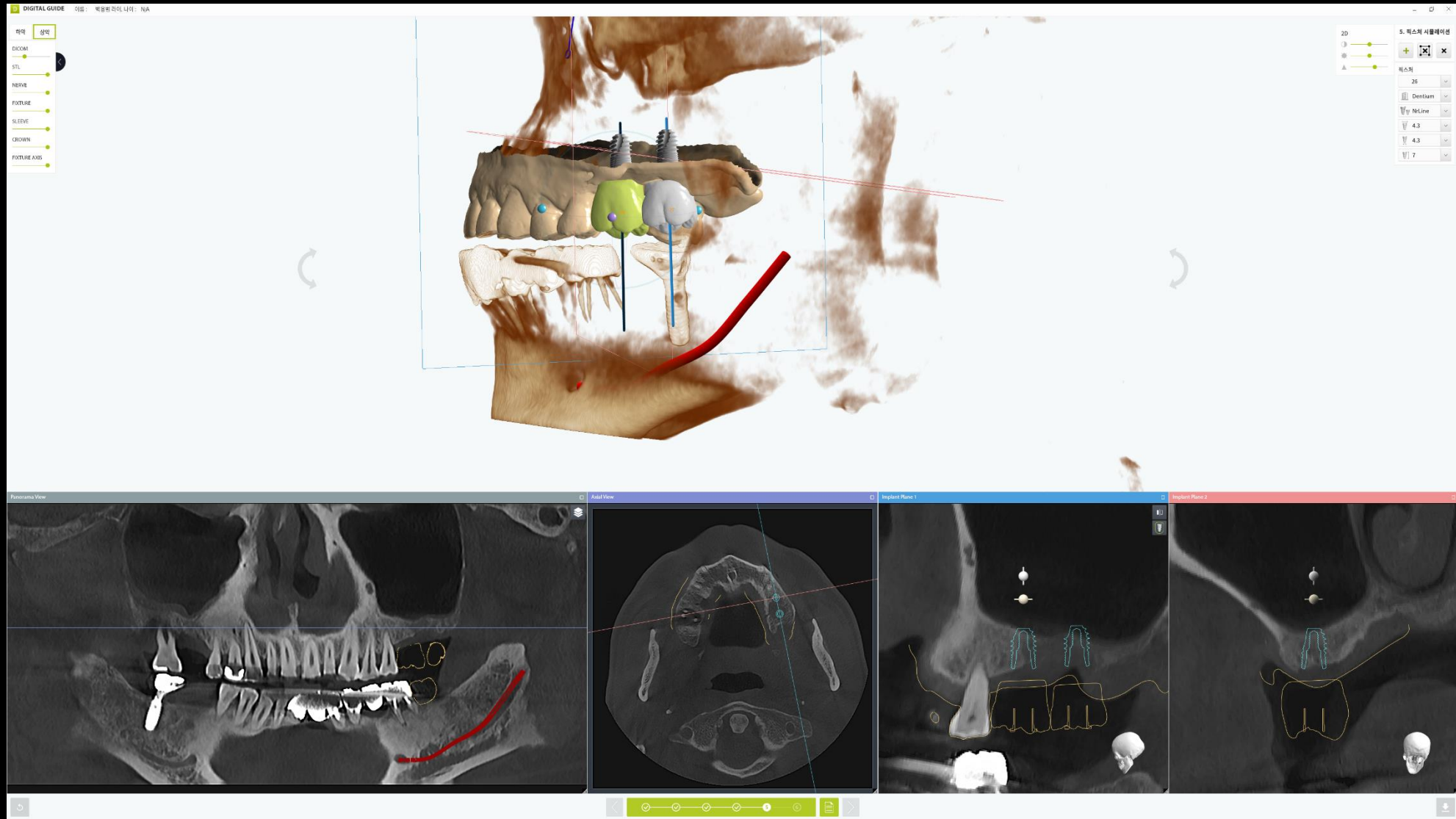
Digital Guide S/W (#16 Implant planning)



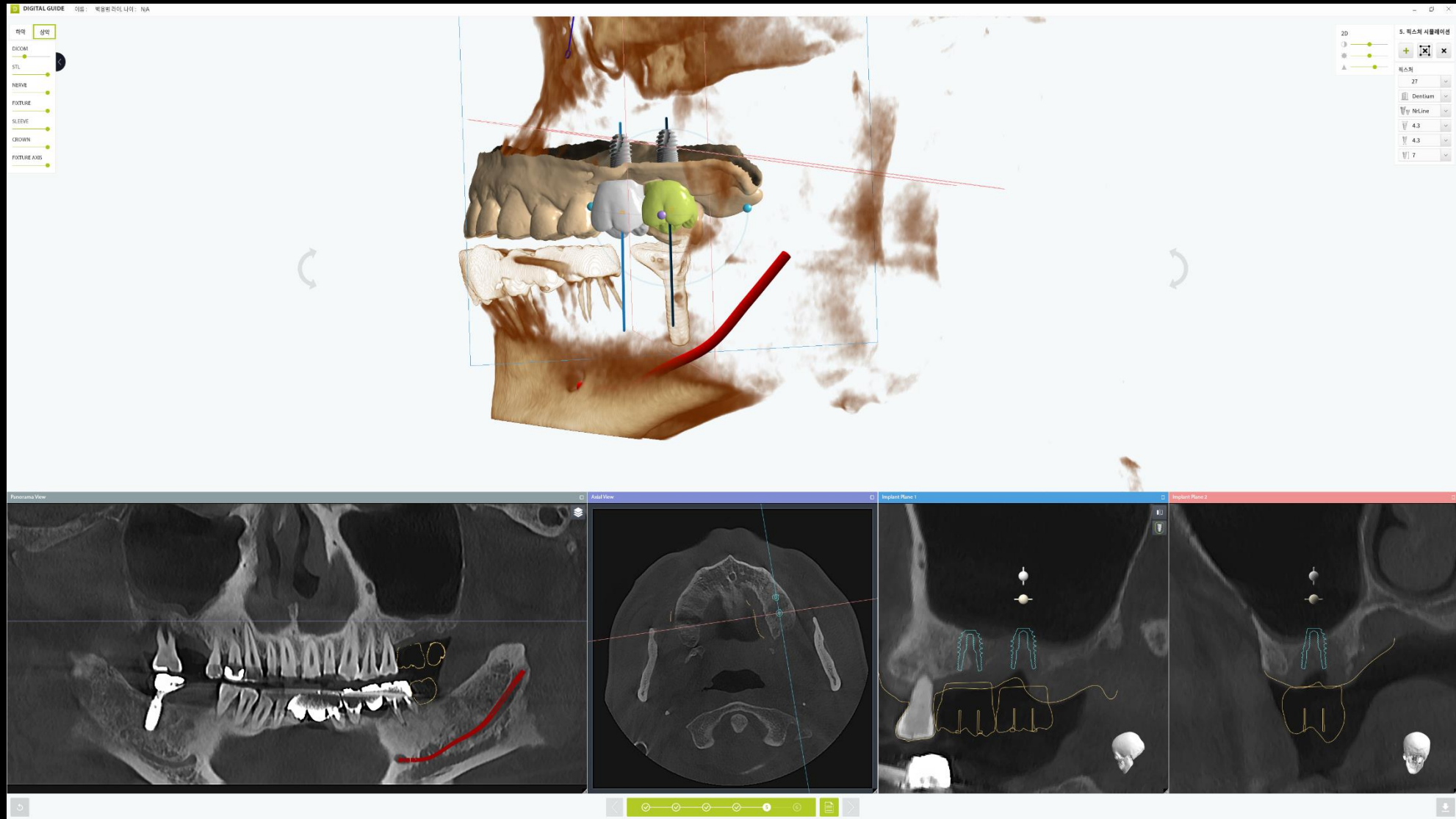
Digital Guide S/W (#17 Implant planning)



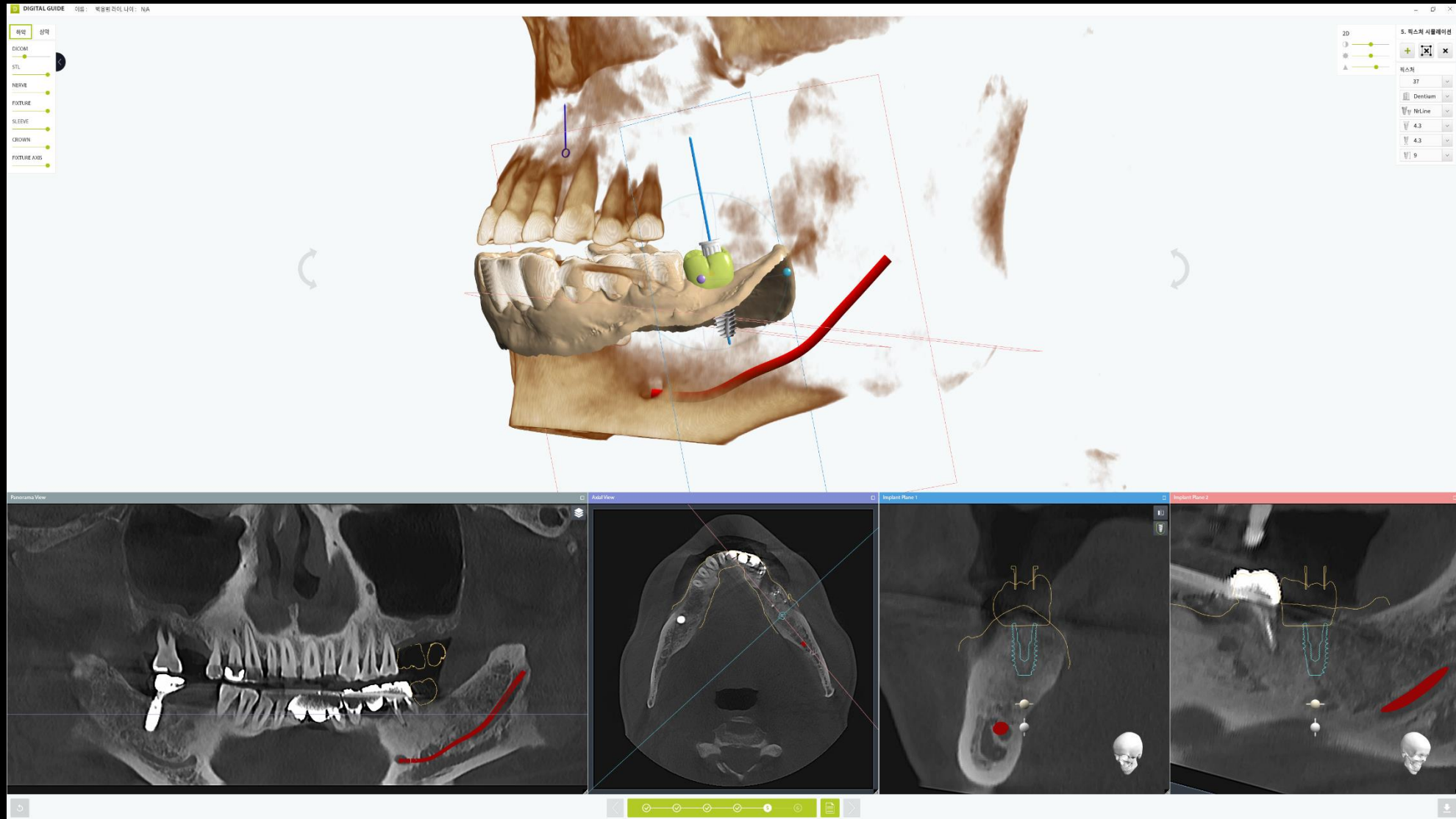
Digital Guide S/W (#26 Implant planning)



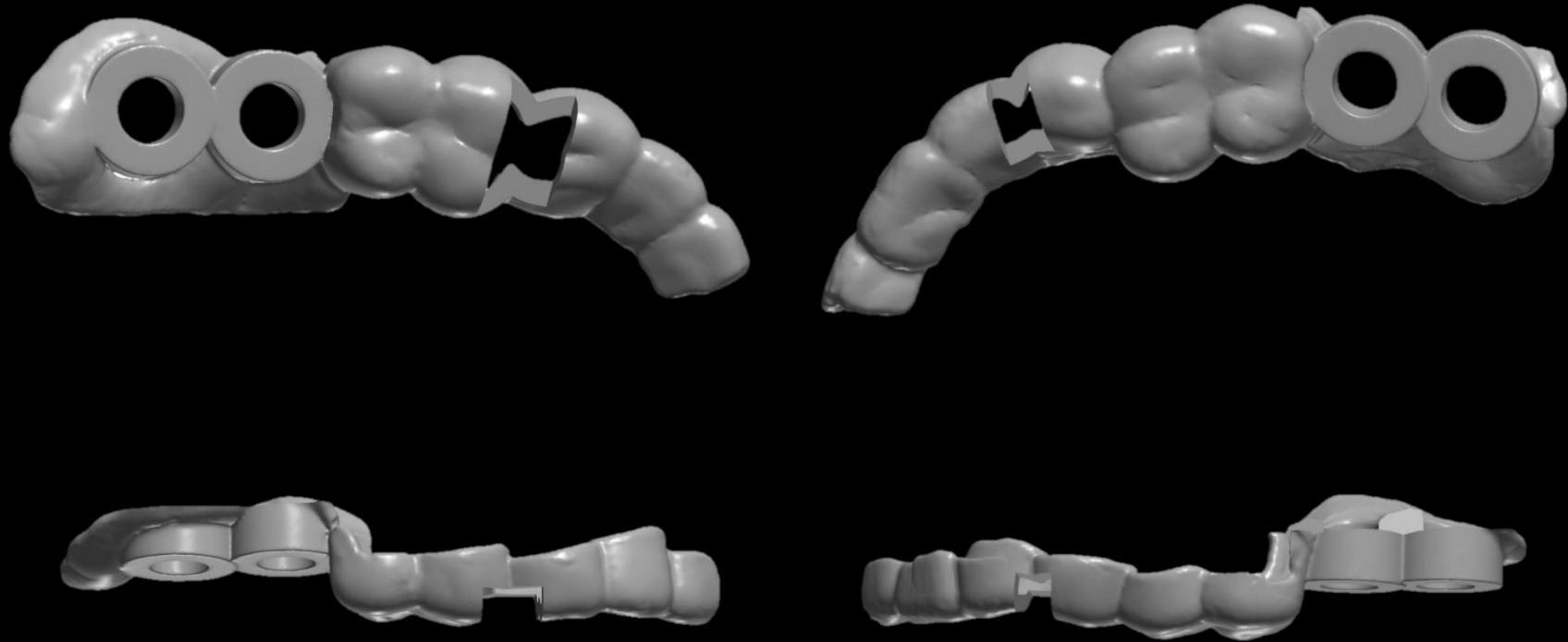
Digital Guide S/W (#27 Implant planning)



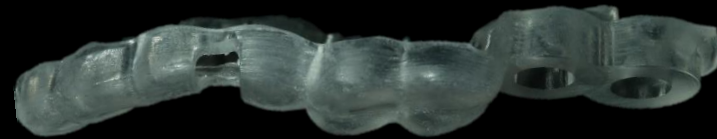
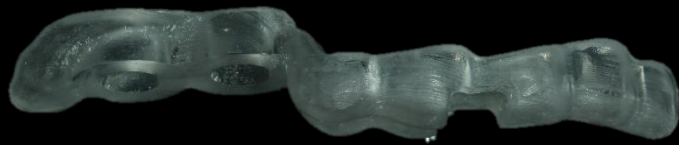
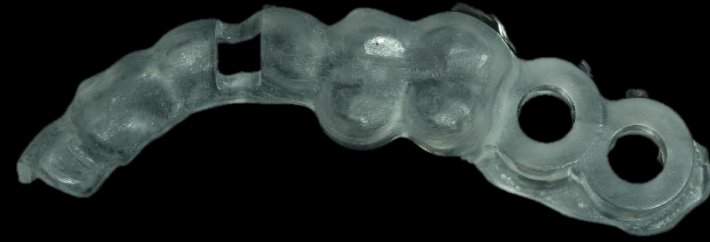
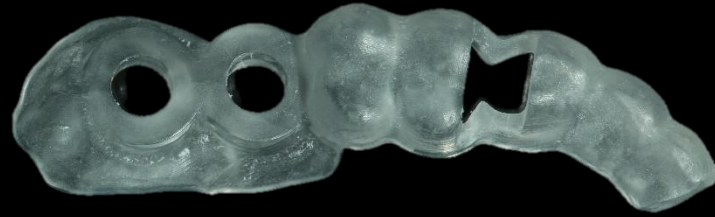
Digital Guide S/W (#37 Implant planning)



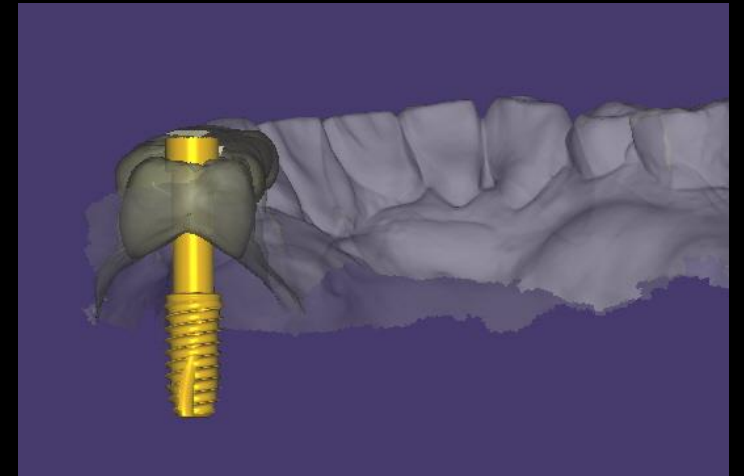
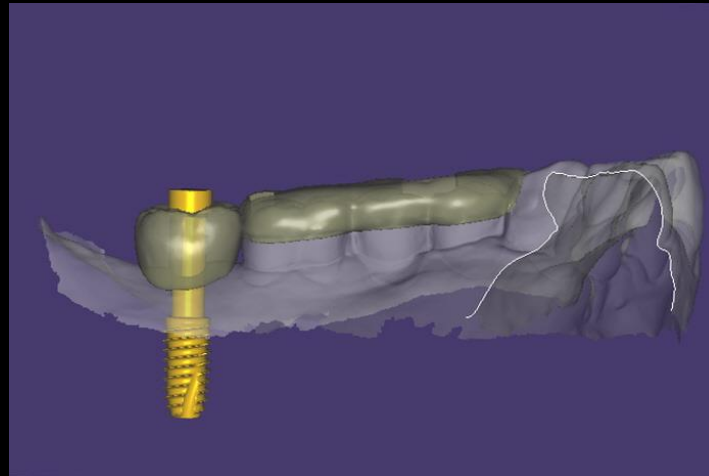
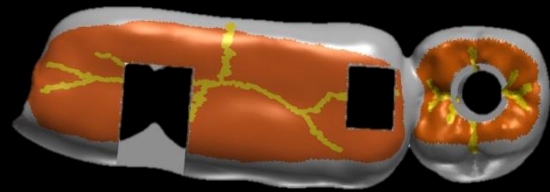
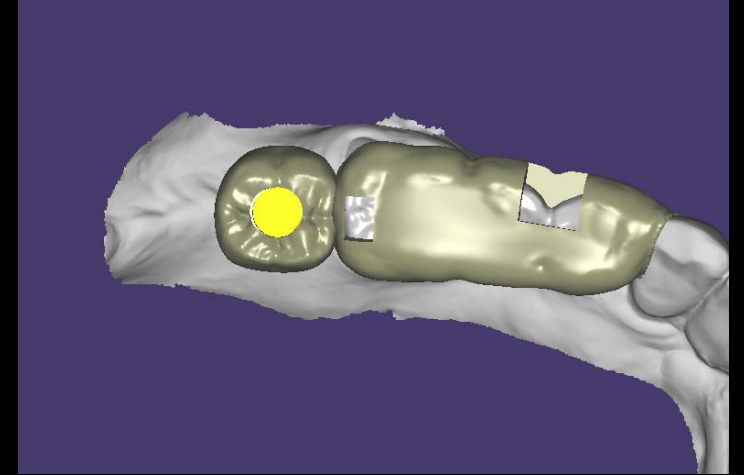
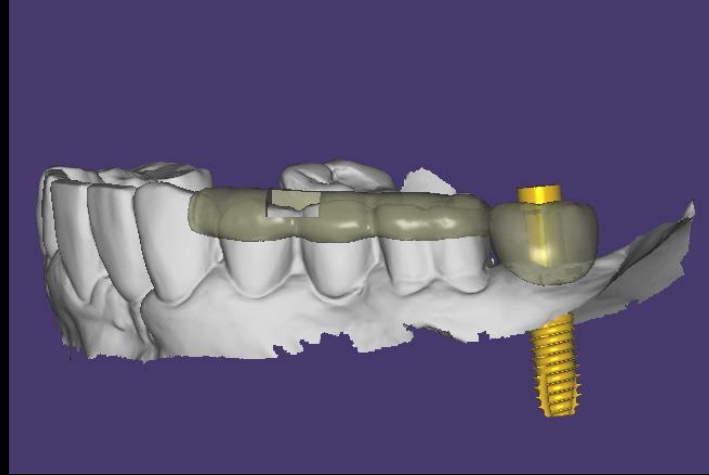
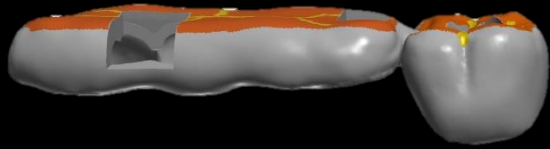
#10 & #20 Stent Design (Milling)



#10 & #20 Stent (Milling)



#37 Stent Design (Milling)

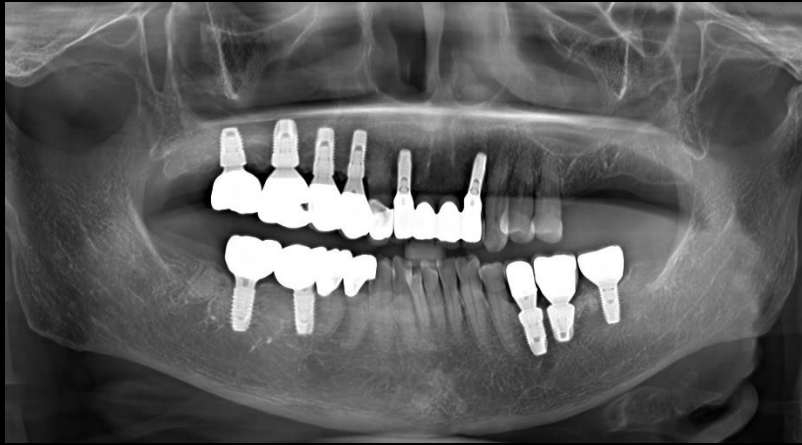


#37 Stent + Temporary (Milling) & Metal Link



Similar case presentation (1)

- Simple Sinus elevation & Implantation



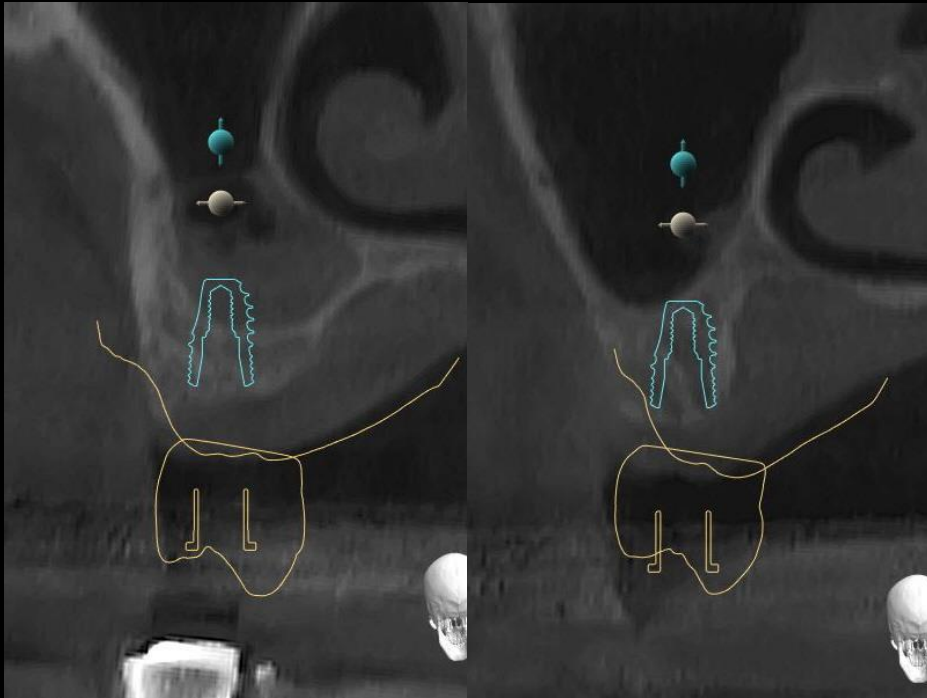
Pre-op (2019-08-12)



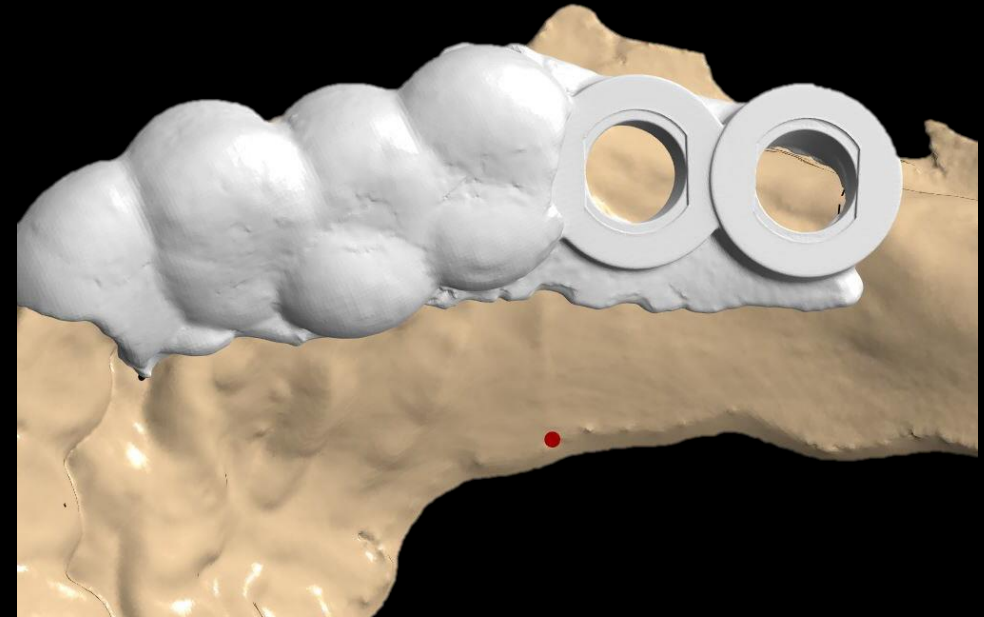
Provisional restoration (2019-11-11)

Similar case presentation (1)

- Simple Sinus elevation & Implantation



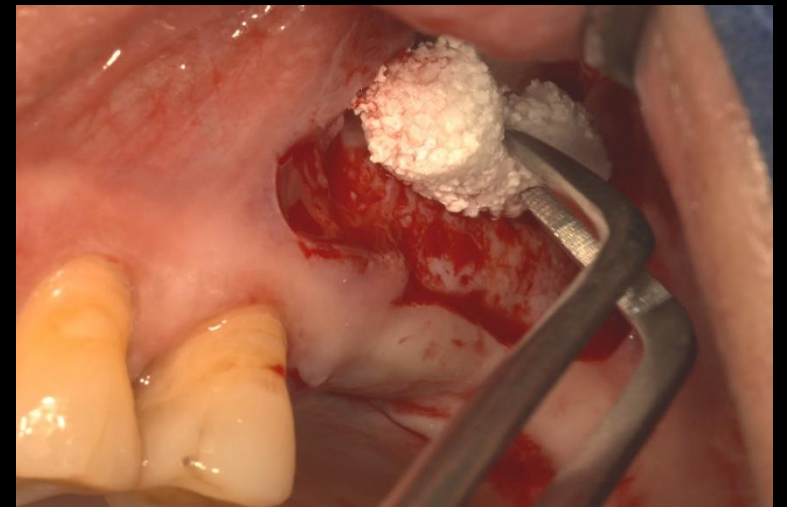
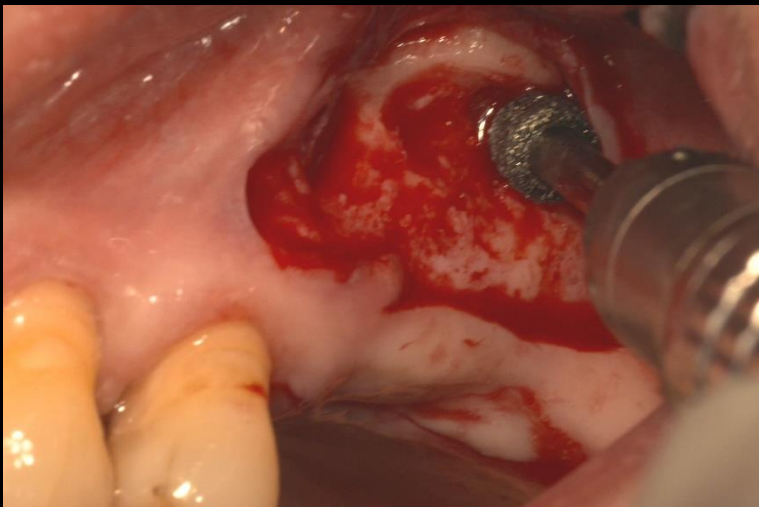
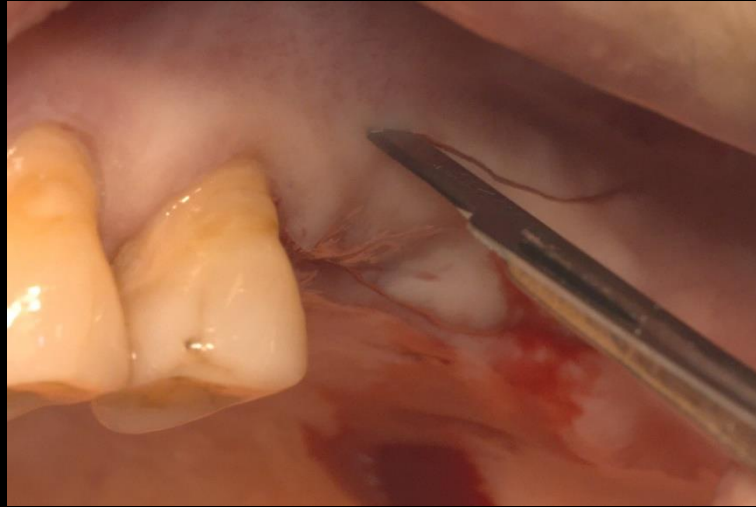
Implant Planning



Stent Design

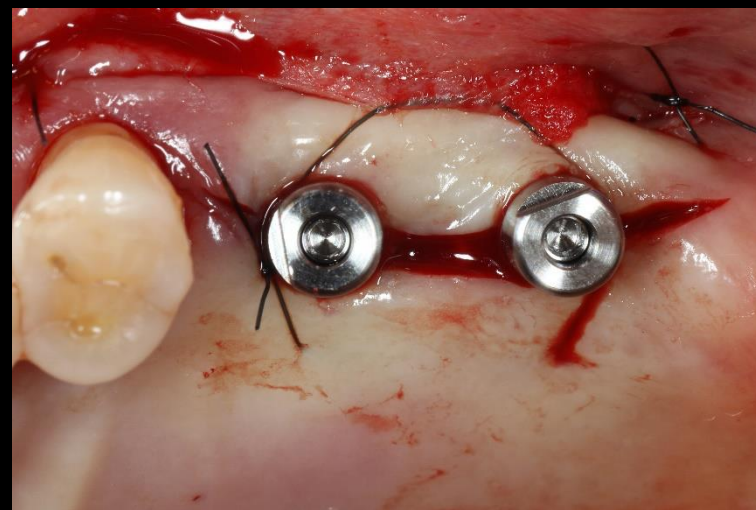
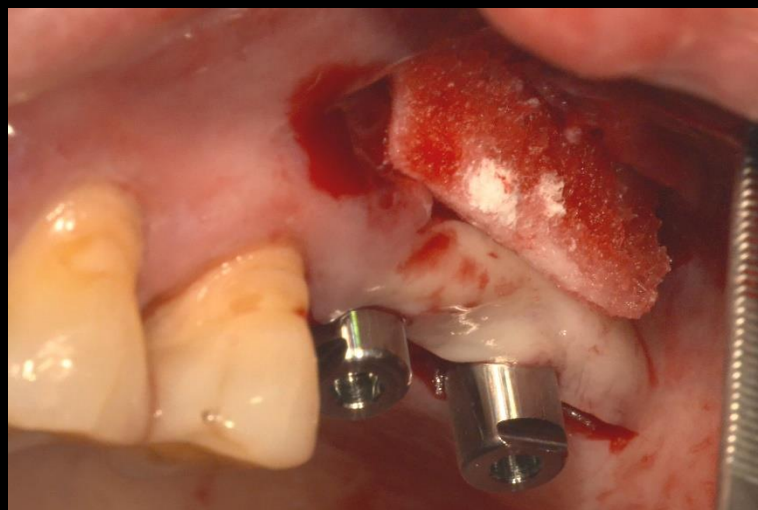
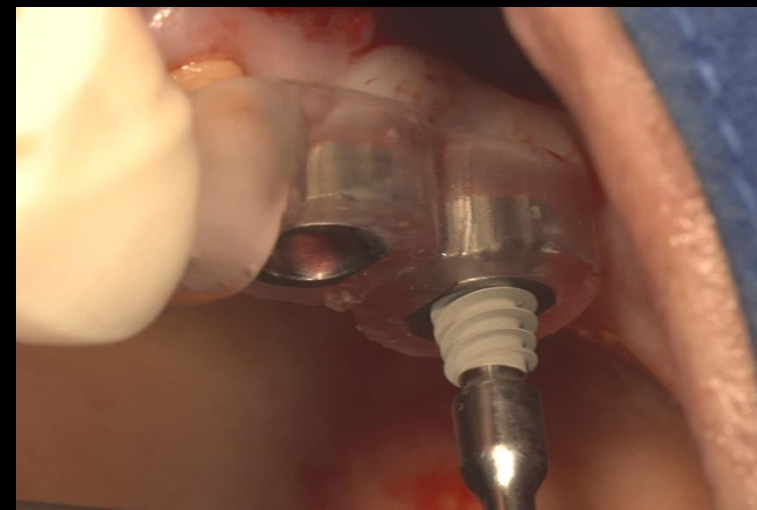
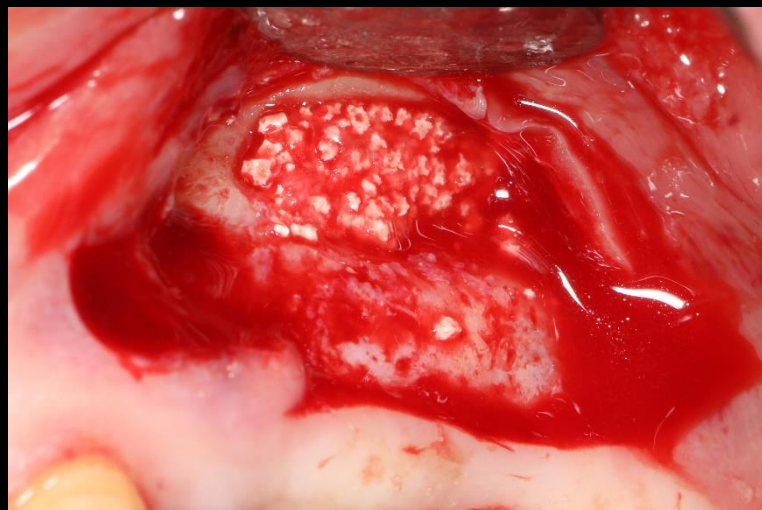
Similar case presentation (1)

- Simple Sinus elevation & Implantation



Similar case presentation (1)

- Simple Sinus elevation & Implantation



Similar case presentation (1)

- Simple Sinus elevation & Implantation



Healing : 2 weeks
(2019-08-26)



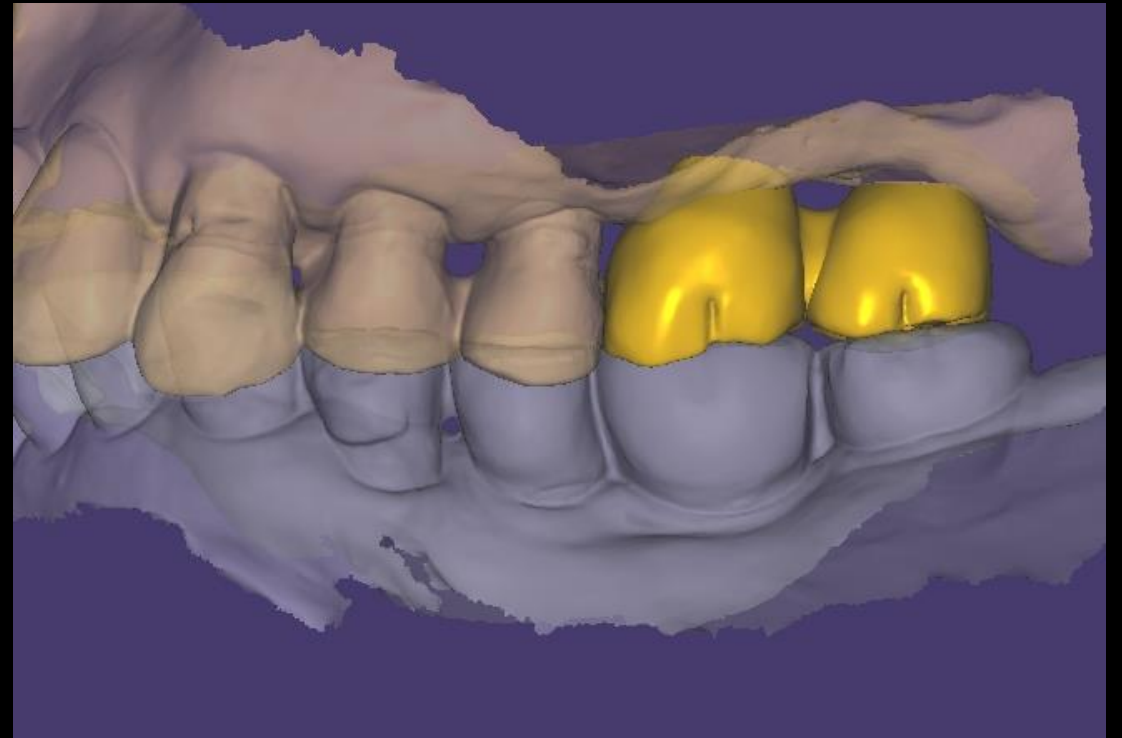
Healing : 1 month
(2019-09-09)

Similar case presentation (1)

- Simple Sinus elevation & Implantation



Intra Oral Scanning



CAD
(Provisional restoration)

Similar case presentation (1)

- Simple Sinus elevation & Implantation



Provisional restoration
(2019-11-11)

Similar case presentation (2)

- Implantation & Sinus elevation



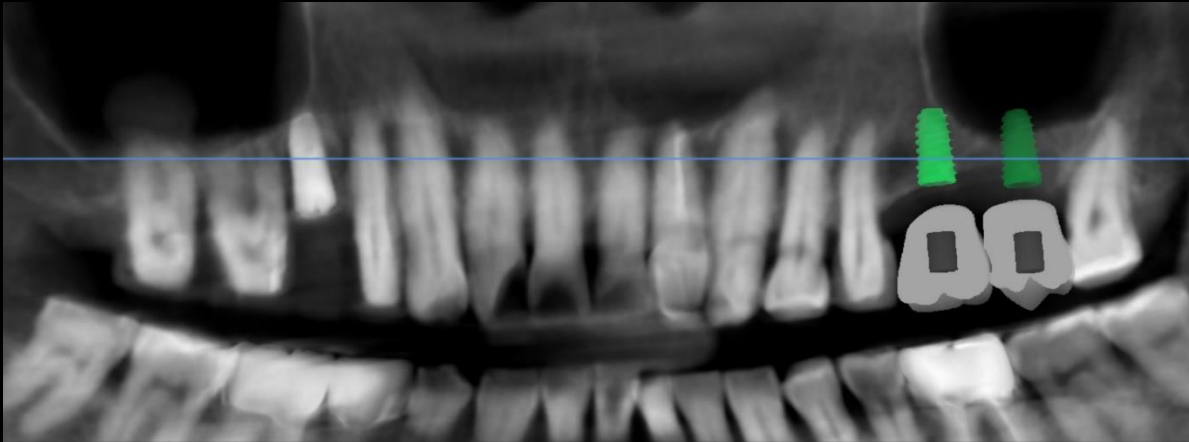
Pre-op (2017-02-03)



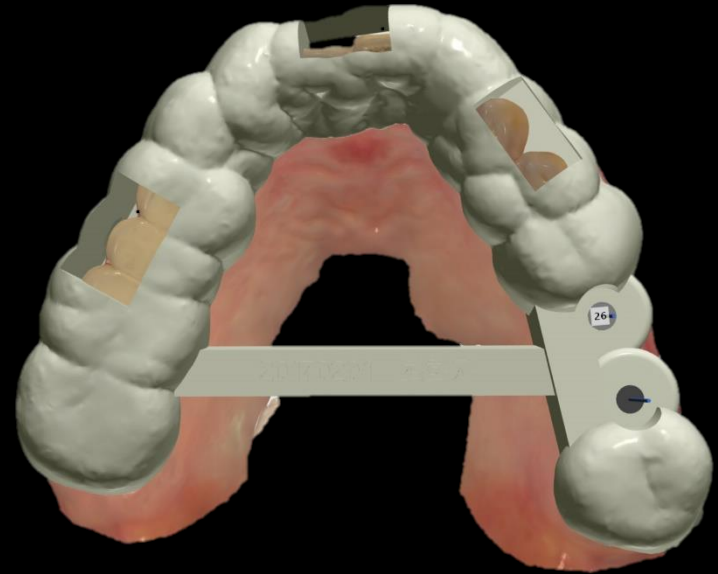
Final prosthesis (2017-07-28)

Similar case presentation (2)

- Implantation & Sinus elevation

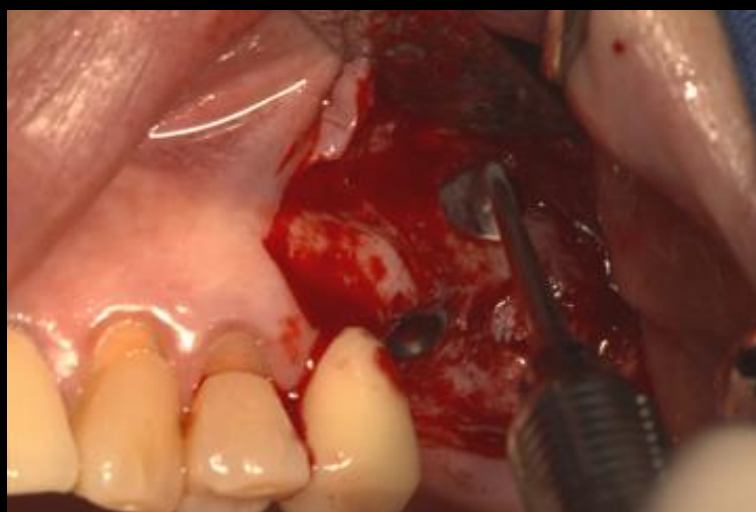
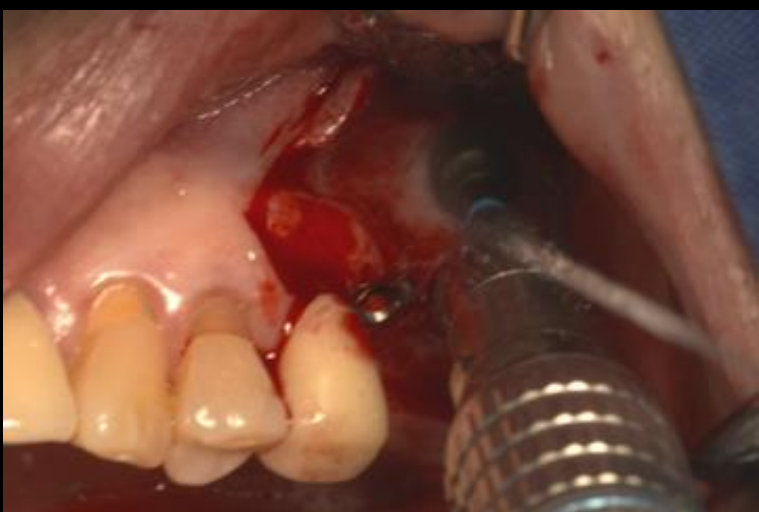
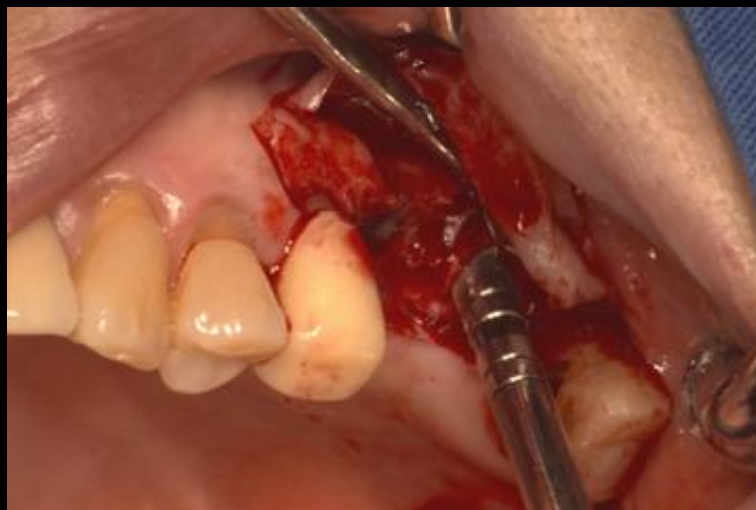


Implant Planning

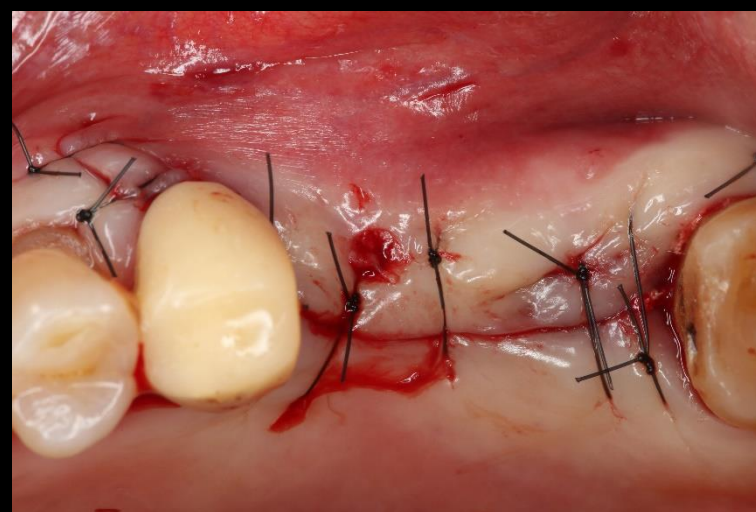
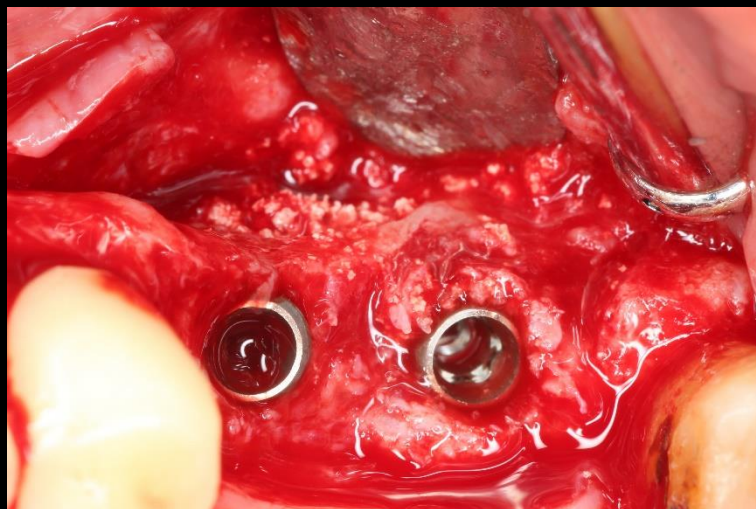


Stent Design

Similar case presentation (2) - Implantation & Sinus elevation



Similar case presentation (2) - Implantation & Sinus elevation

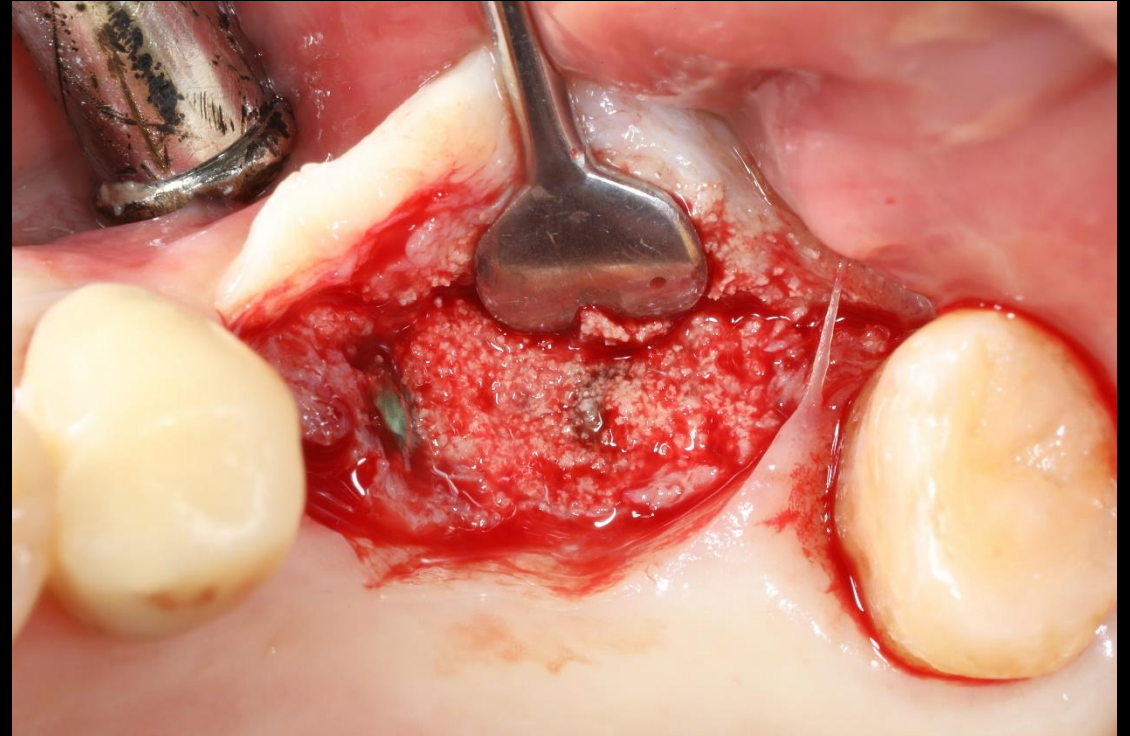


Similar case presentation (2)

- Implantation & Sinus elevation



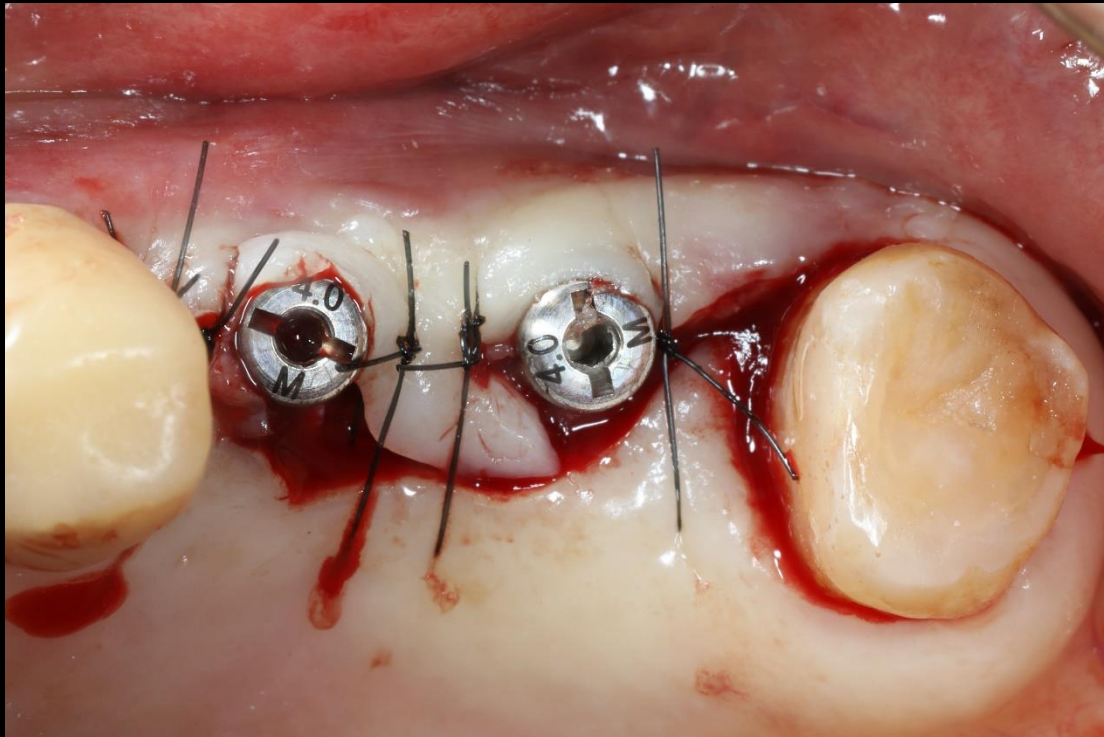
Healing : 1 month 1 week
(2017-03-10)



Healing : 2 months / Second stage surgery
(2017-04-19)

Similar case presentation (2)

- Implantation & Sinus elevation



Second stage surgery
(2017-04-19)



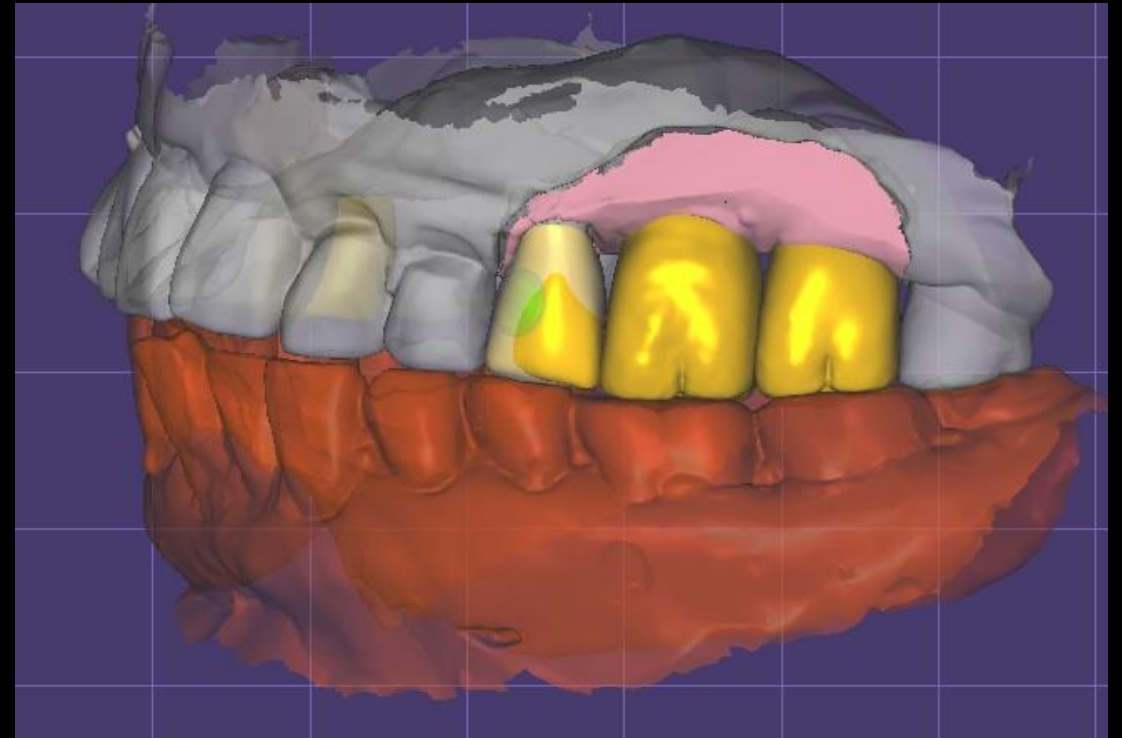
Healing : 2 months (After S.S.S.)
(2017-06-21)

Similar case presentation (2)

- Implantation & Sinus elevation



Impression

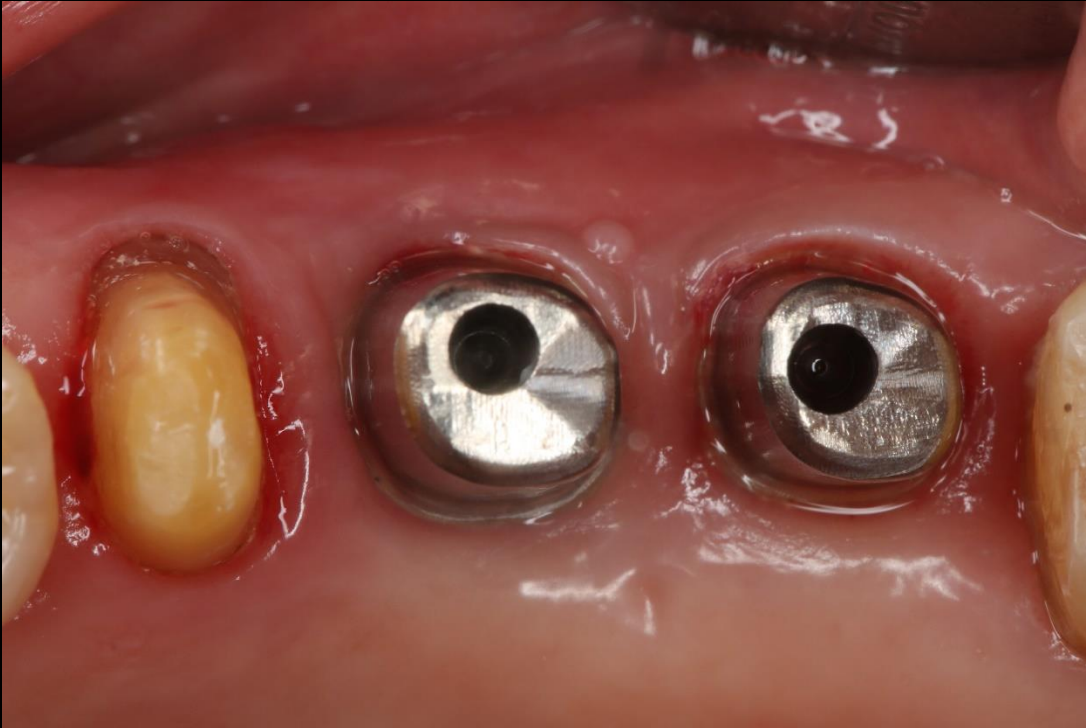


CAD

(Customized abutment & Provisional restoration)

Similar case presentation (2)

- Implantation & Sinus elevation



Customized abutment
(2017-07-12)



Provisional restoration
(2017-07-12)

Similar case presentation (2)

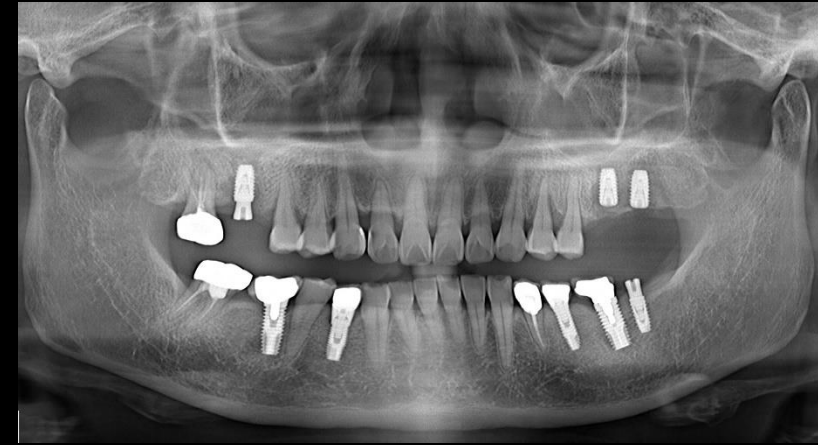
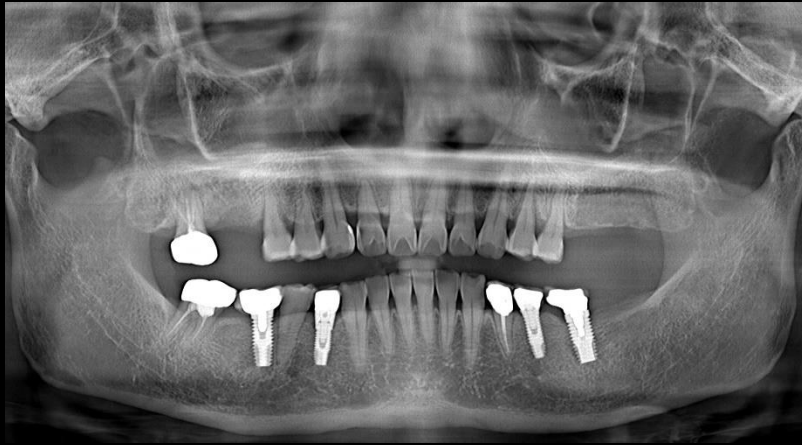
- Implantation & Sinus elevation



Final prosthesis
(2017-07-28)

Similar case presentation (3)

- Simple Implantation with Digital Guide



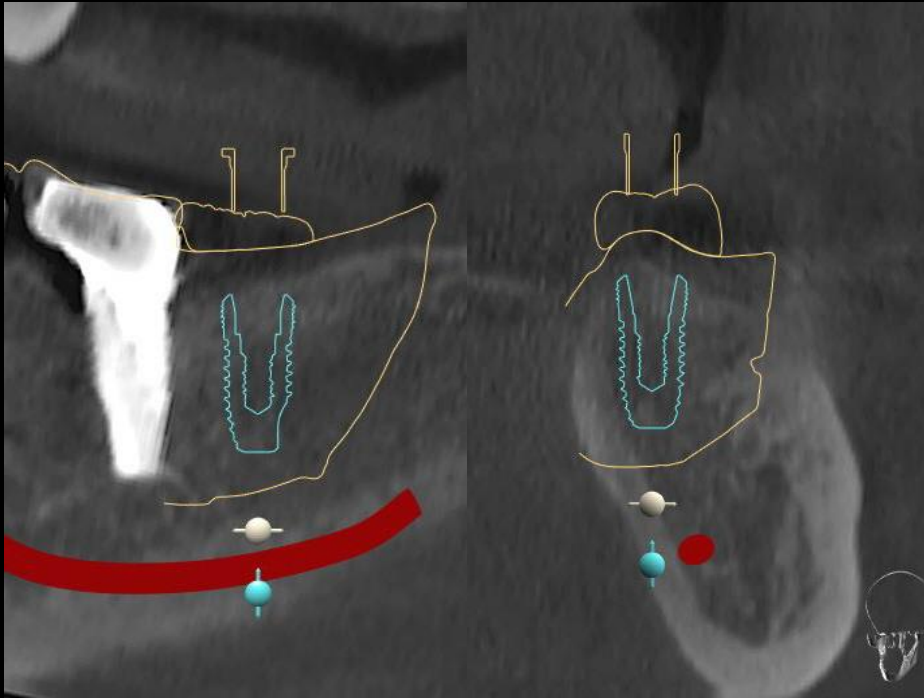
Pre-op (2019-06-17)



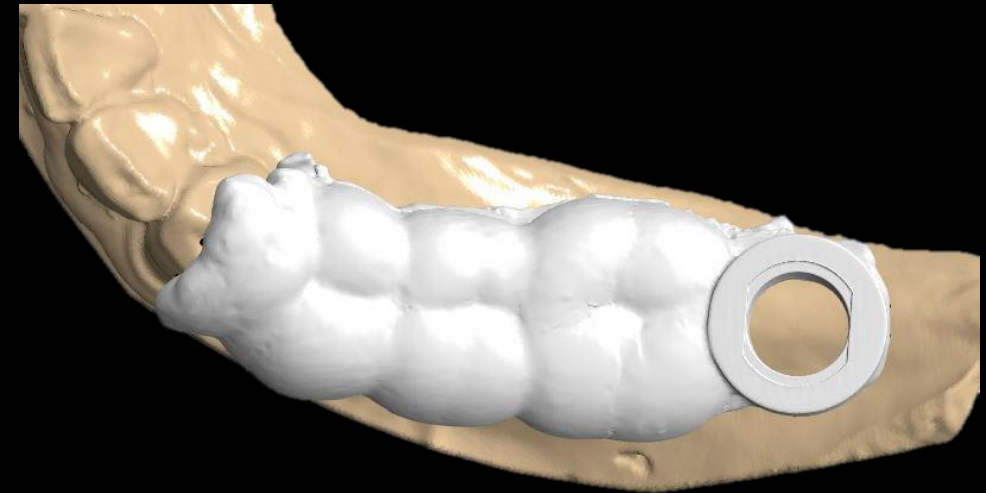
Provisional restoration (2019-11-11)

Similar case presentation (3)

- Simple Implantation with Digital Guide



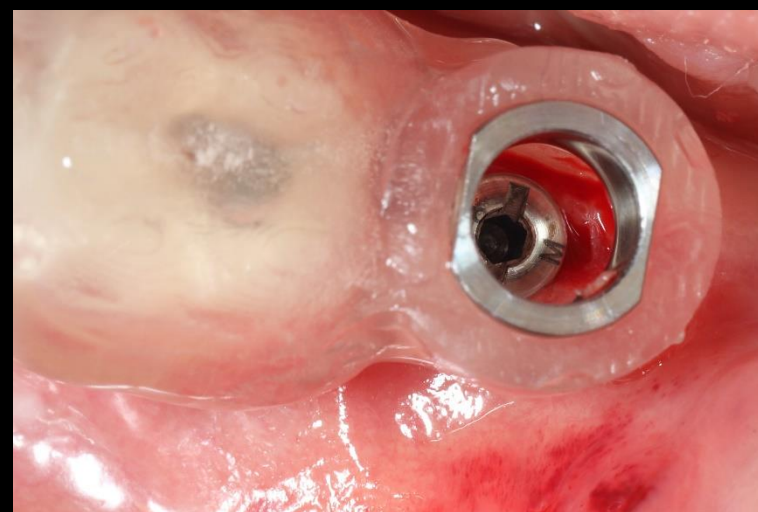
Implant Planning



Stent Design

Similar case presentation (3)

- Simple Implantation with Digital Guide



Similar case presentation (3)

- Simple Implantation with Digital Guide



Healing : 3 weeks
(2019-07-08)



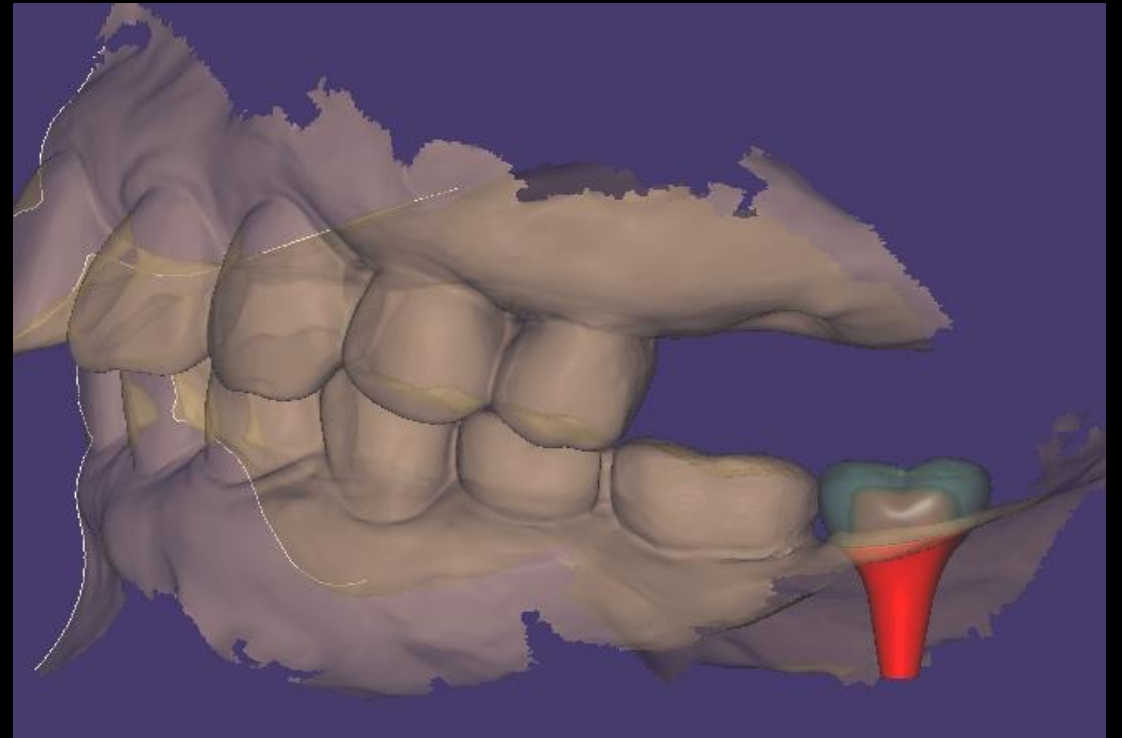
Healing : 1 month
(2019-07-15)

Similar case presentation (3)

- Simple Implantation with Digital Guide



Intra Oral Scanning



CAD
(Customized abutment & Provisional restoration)

Similar case presentation (3)

- Simple Implantation with Digital Guide



Customized abutment
& Provisional restoration



Provisional restoration
(2019-11-11)