



LIVE

Surgey

Dr. Root

2020.07.03 (Fri.)

A globe is shown with a complex network of glowing blue and yellow lines overlaid on it, representing a digital network or data flow. The lines are most dense over the Americas and Europe. A bright light source on the right side of the globe creates a lens flare effect.

[Case Preview]

Both Sinus augmentation and Implant placement
using Digital Guide

Patient Information

Age : 51y

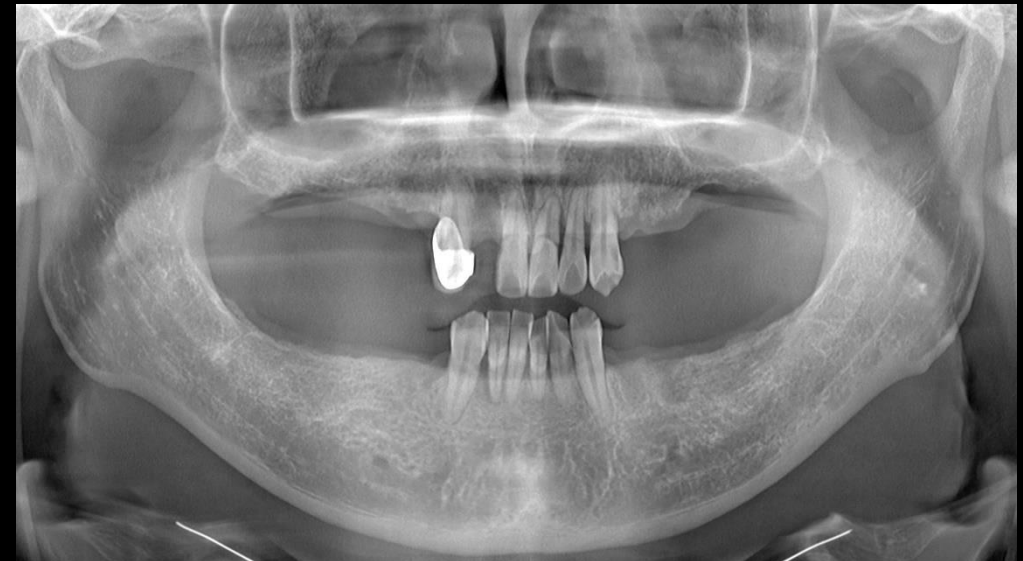
Sex : Male

Chief Complaint

: I want an implant surgery consultation

Past Medical History

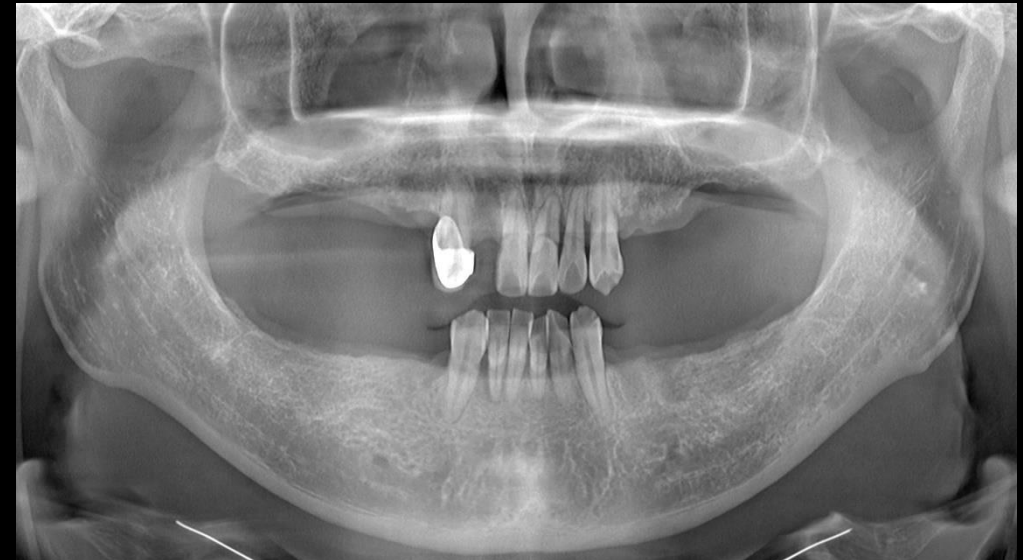
: N/S



Patient Information

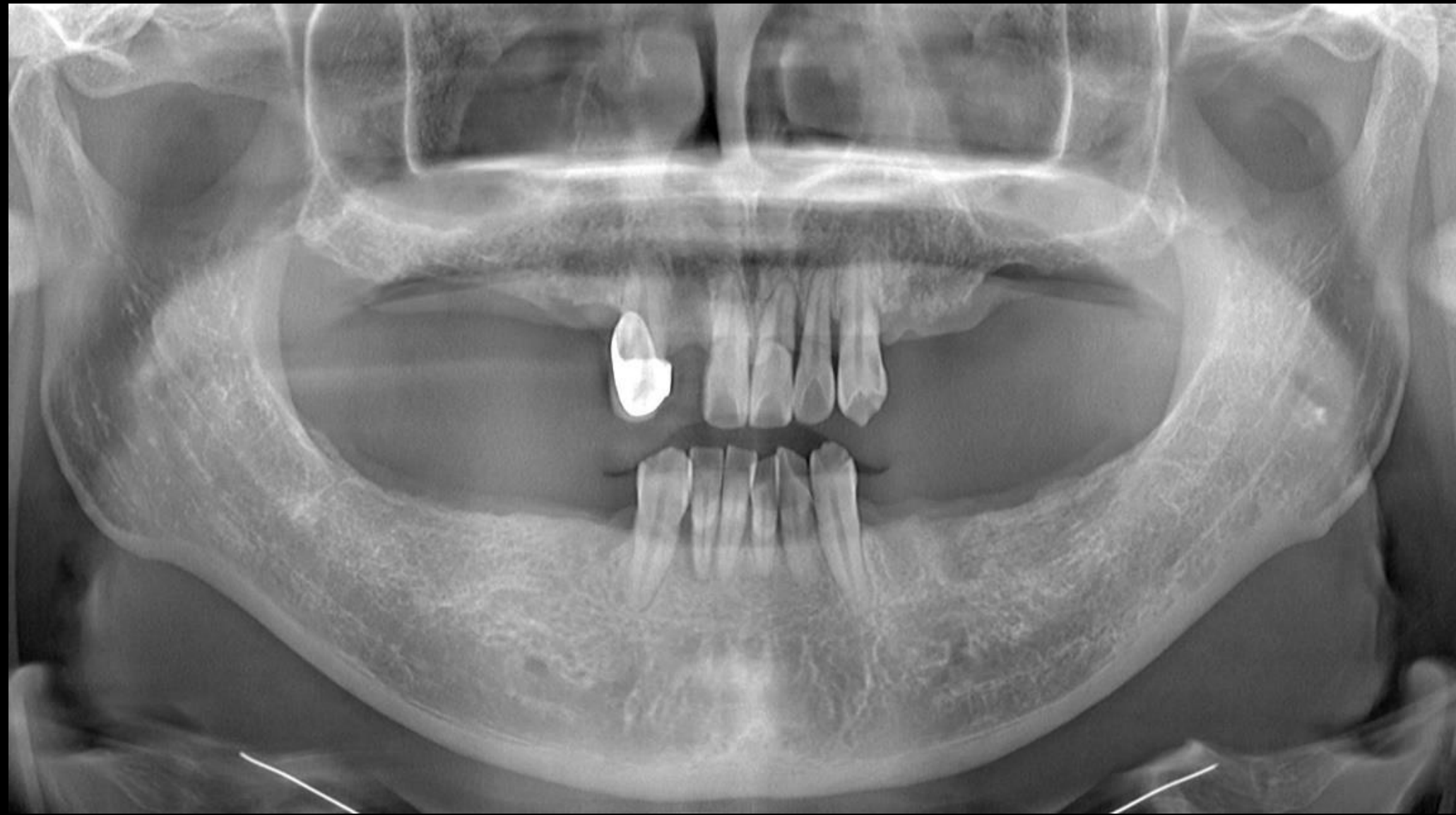
Surgery Plan

- #14 Ridge spreading and Implant placement
- #15, 16, 17 Sinus lifting with Crestal approach and Implant placement using Digital Guide
- #24 ,25, 26, 27 Sinus elevation with Lateral approach and Implant placement using Digital Guide



Pt. Song (51y/M)

Pre-op (2020-06-10)



rainbow 3D Viewer 1.1.0 MPR CROSS VIRTUAL CEPH TMJ REPORT

Patient Information

Open

Project

Save

Settings

View Control

Endo

Layout

Annotation

Measurement

Capture Group

Transfer function

Curve Info

W 80mm

I 1.0mm

T 1.0mm

CSLine

The screenshot displays the rainbow 3D Viewer interface. The main window shows a 3D dental model with a cross-section (CROSS) view. A grid of 9 virtual cephalometric (VIRTUAL CEPH) images is shown on the right, numbered 1 through 9. The images are arranged in a 3x3 grid. The top-left image (1) is highlighted with a red border. The middle-right image (5) is highlighted with a cyan border. The bottom-right image (9) is highlighted with a blue border. The software interface includes a left sidebar with various tools and settings, and a top navigation bar with tabs for MPR, CROSS, VIRTUAL CEPH, TMJ, and REPORT. The patient information is displayed at the top left, and the software version (rainbow 3D Viewer 1.1.0) is shown in the top left corner.

rainbow 3D Viewer 1.1.0 MPR CROSS VIRTUAL CEPH TMJ REPORT

Curve Info
W 80mm
I 1.0mm
T 1.0mm

1 2 3
L B L B L B
4 5 6
L B L B L B
7 8 9
L B L B L B

CSLine

1 9

Dentium
For Dentists By Dentists

The screenshot displays the rainbow 3D Viewer interface. The main window shows a 3D model of a patient's dental arch with a cross-section (CROSS) view. A grid of 9 virtual cephalometric (VIRTUAL CEPH) images is shown on the right, labeled 1 through 9. The images are arranged in a 3x3 grid. The top row contains images 1, 2, and 3. The middle row contains images 4, 5, and 6. The bottom row contains images 7, 8, and 9. The images are labeled with 'L' and 'B' (Left and Bottom) and 'R' and 'P' (Right and Posterior). The software interface includes a sidebar with various tools and settings, and a bottom status bar with the Dentium logo.

rainbow 3D Viewer 1.1.0 MPR CROSS VIRTUAL CEPH TMJ REPORT

Curve Info
W 80mm
I 1.0mm
T 1.0mm

1 2 3
L B L B L B

4 5 6
L B L B L B

7 8 9
L B L B L B

CSLine

1 9

Dentium
For Dentists By Dentists

The screenshot displays the rainbow 3D Viewer interface. The main window shows a 3D model of a patient's dental arch with a series of cross-sections (CROSS) and a grid of 9 virtual cephalometric (VIRTUAL CEPH) images. The grid is organized into three rows and three columns, labeled 1 through 9. The top row (1-3) is highlighted in red, the middle row (4-6) in cyan, and the bottom row (7-9) in blue. The left sidebar contains various toolbars: Patient Information, View Control, Endo, Layout, Annotation, Measurement, Capture Group, and Transfer function. The bottom left corner features the Dentium logo. The top right corner shows window control icons.

rainbow 3D Viewer 1.1.0 MPR CROSS VIRTUAL CEPH TMJ REPORT

Curve Info
W 80mm
I 1.0mm
T 1.0mm

1 2 3
L B L B L B

4 5 6
L B L B L B

7 8 9
L B L B L B

CSLine

1 9

rainbow 3D Viewer 1.1.0 MPR CROSS VIRTUAL CEPH TMJ REPORT

Curve Info
W 80mm
I 1.0mm
T 1.0mm

1 2 3
L B L B L B

4 5 6
L B L B L B

7 8 9
L B L B L B

CSLine

1 9

Dentium
For Dentists By Dentists

rainbow 3D Viewer 1.1.0 MPR CROSS VIRTUAL CEPH TMJ REPORT

Curve Info
W 80mm
I 1.0mm
T 1.0mm

1 2 3
L B L B L B

4 5 6
L B L B L B

7 8 9
L B L B L B

CSLine

1 9

Dentium
For Dentists By Dentists

rainbow 3D Viewer 1.1.0 MPR CROSS VIRTUAL CEPH TMJ REPORT

Curve Info
W 80mm
I 1.0mm
T 1.0mm

1 2 3
L B L B L B

4 5 6
L B L B L B

7 8 9
L B L B L B

CSLine

1 9

Dentium
For Dentists By Dentists

rainbow 3D Viewer 1.1.0 MPR CROSS VIRTUAL CEPH TMJ REPORT

Curve Info
W 80mm
I 1.0mm
T 1.0mm

1 2 3
L B L B L B

4 5 6
L B L B L B

7 8 9
L B L B L B

CSLine

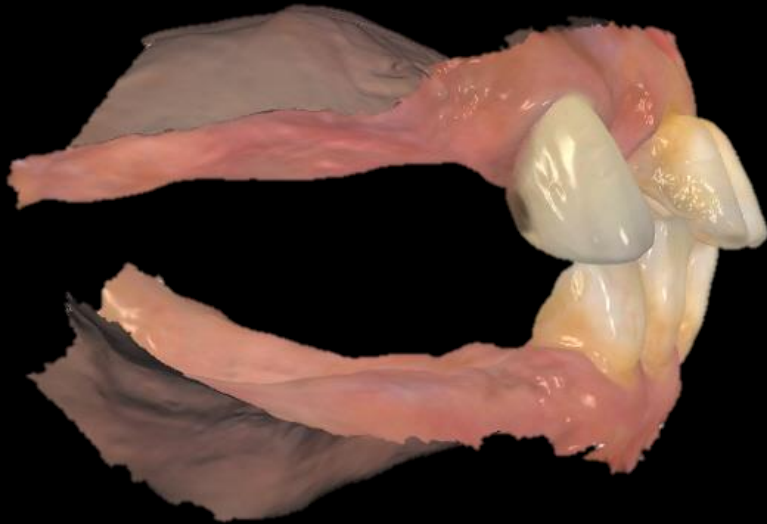
1 9

Dentium
For Dentists By Dentists

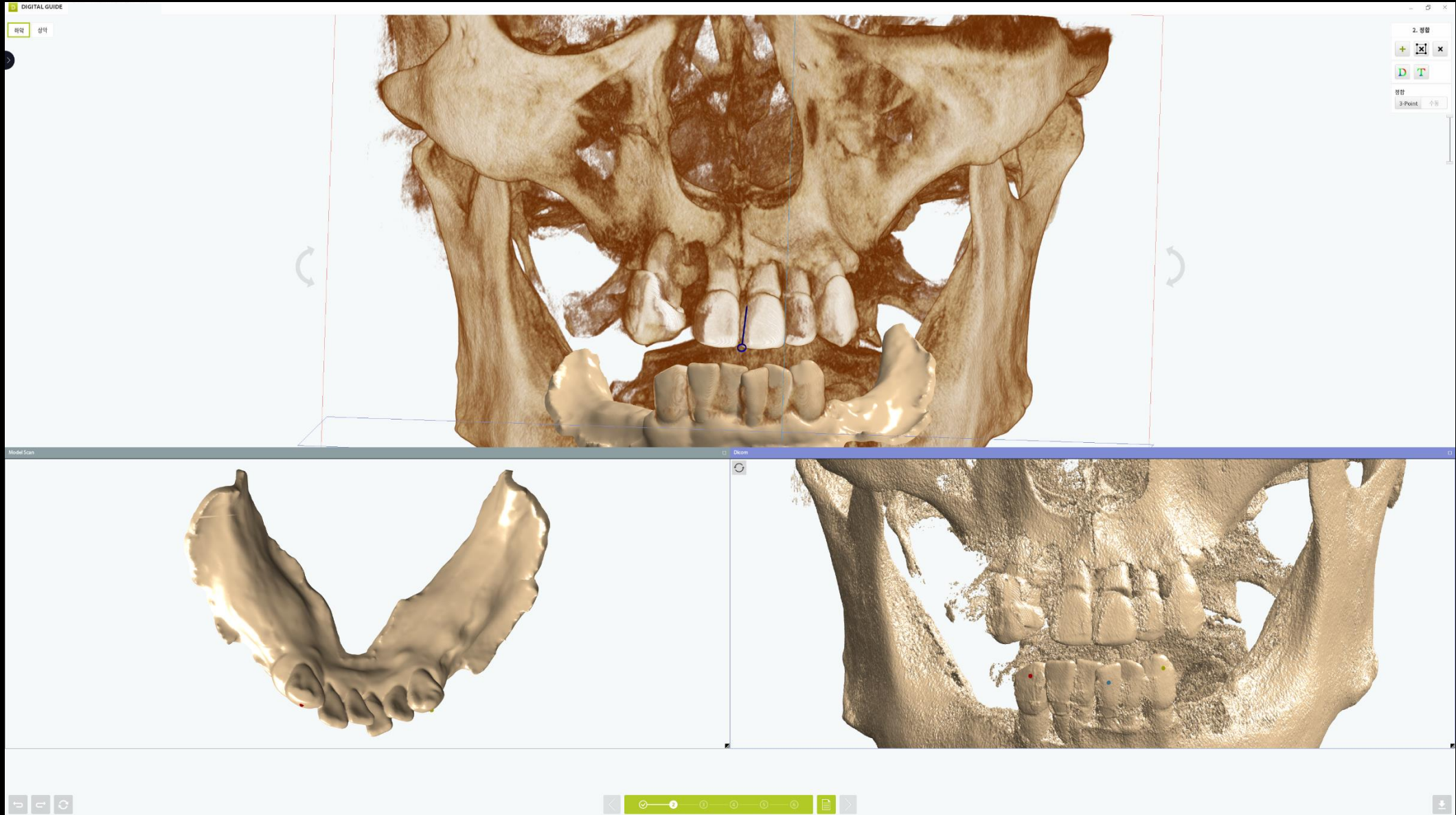
Initial Photo (2020-06-15)



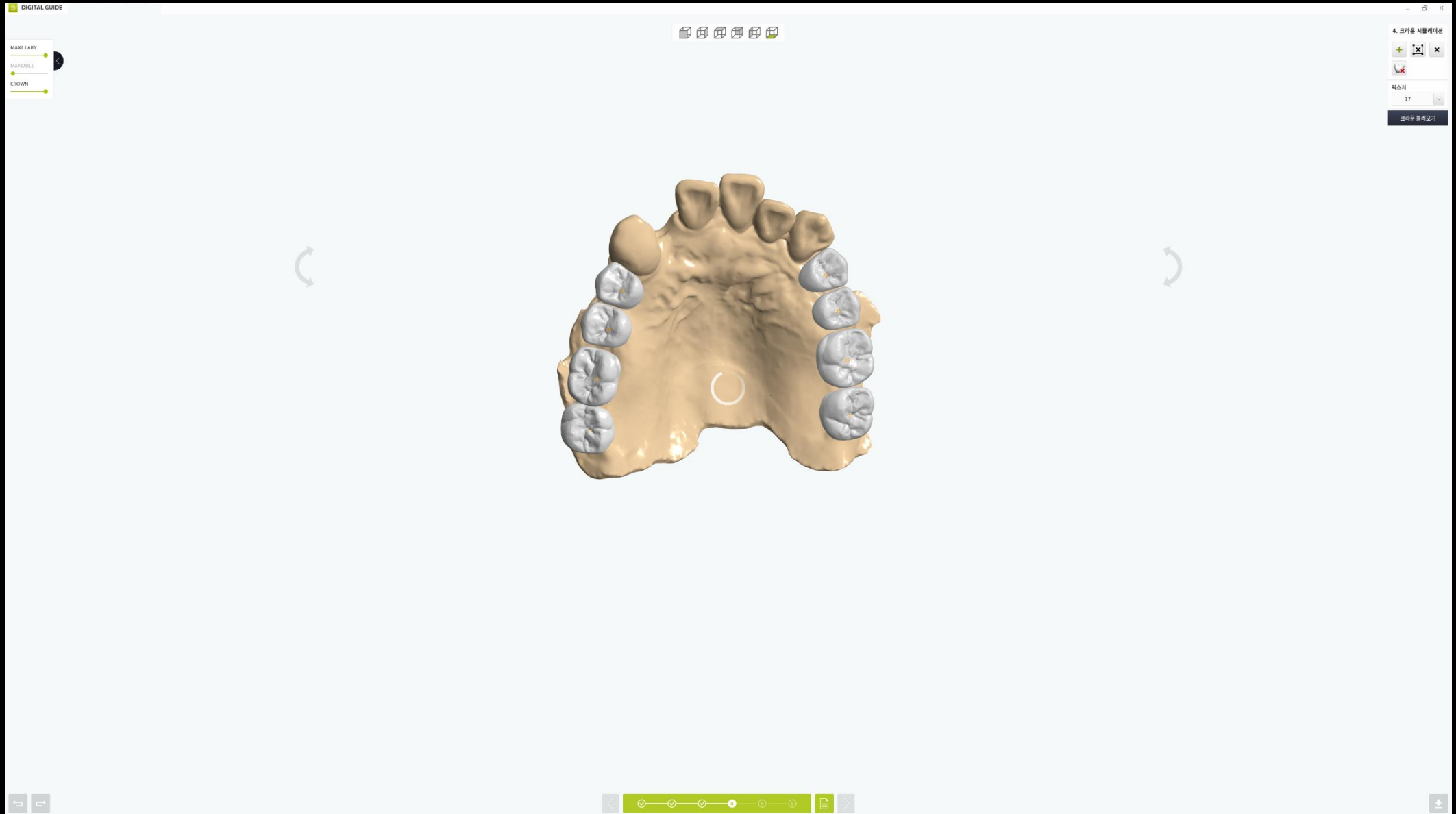
Intra Oral Scanning (2020-06-15)



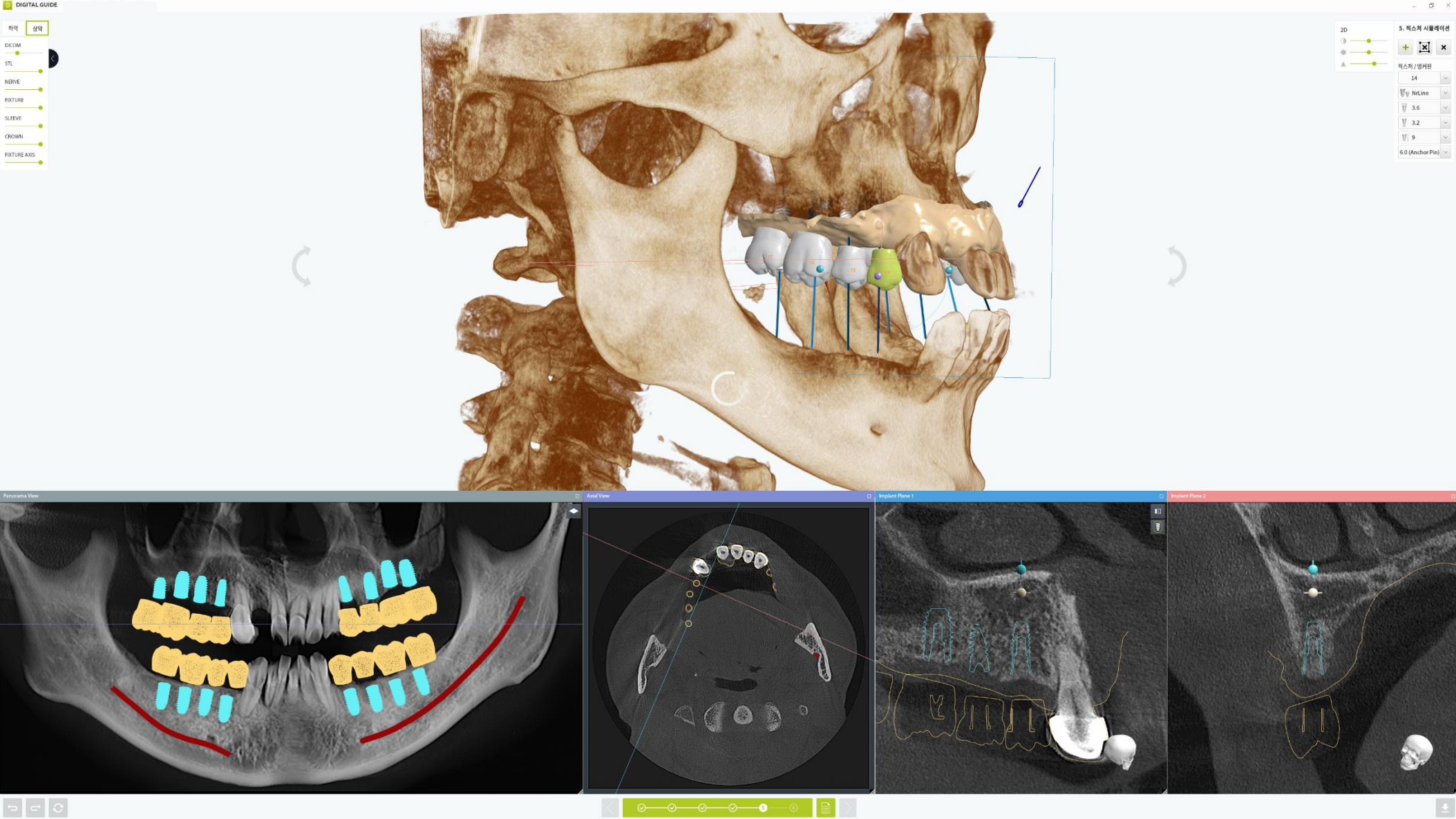
Digital Guide S/W (3 Point Merging)



Digital Guide S/W (Crown Design)

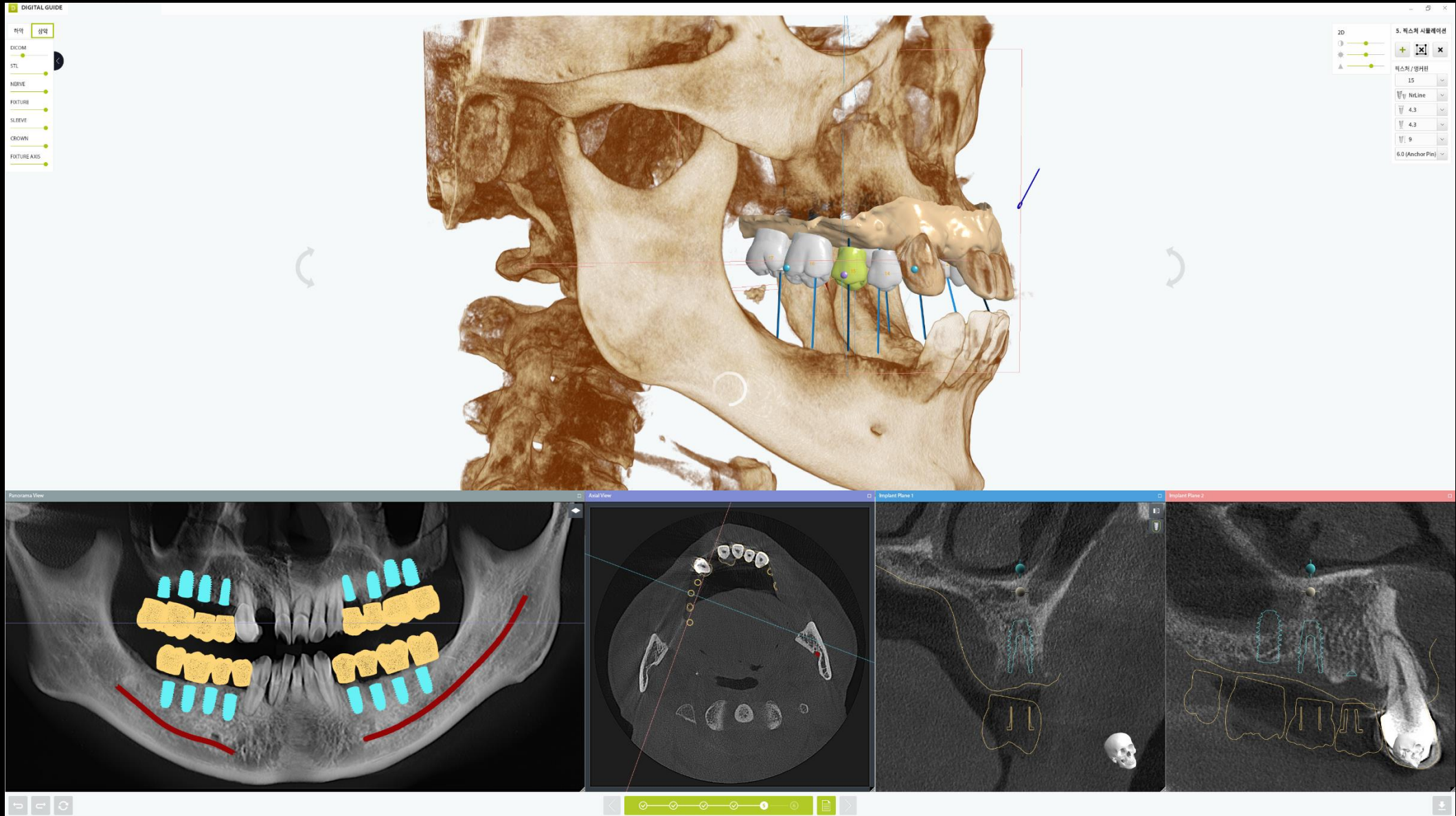


Digital Guide S/W (#14 Implant Planning)



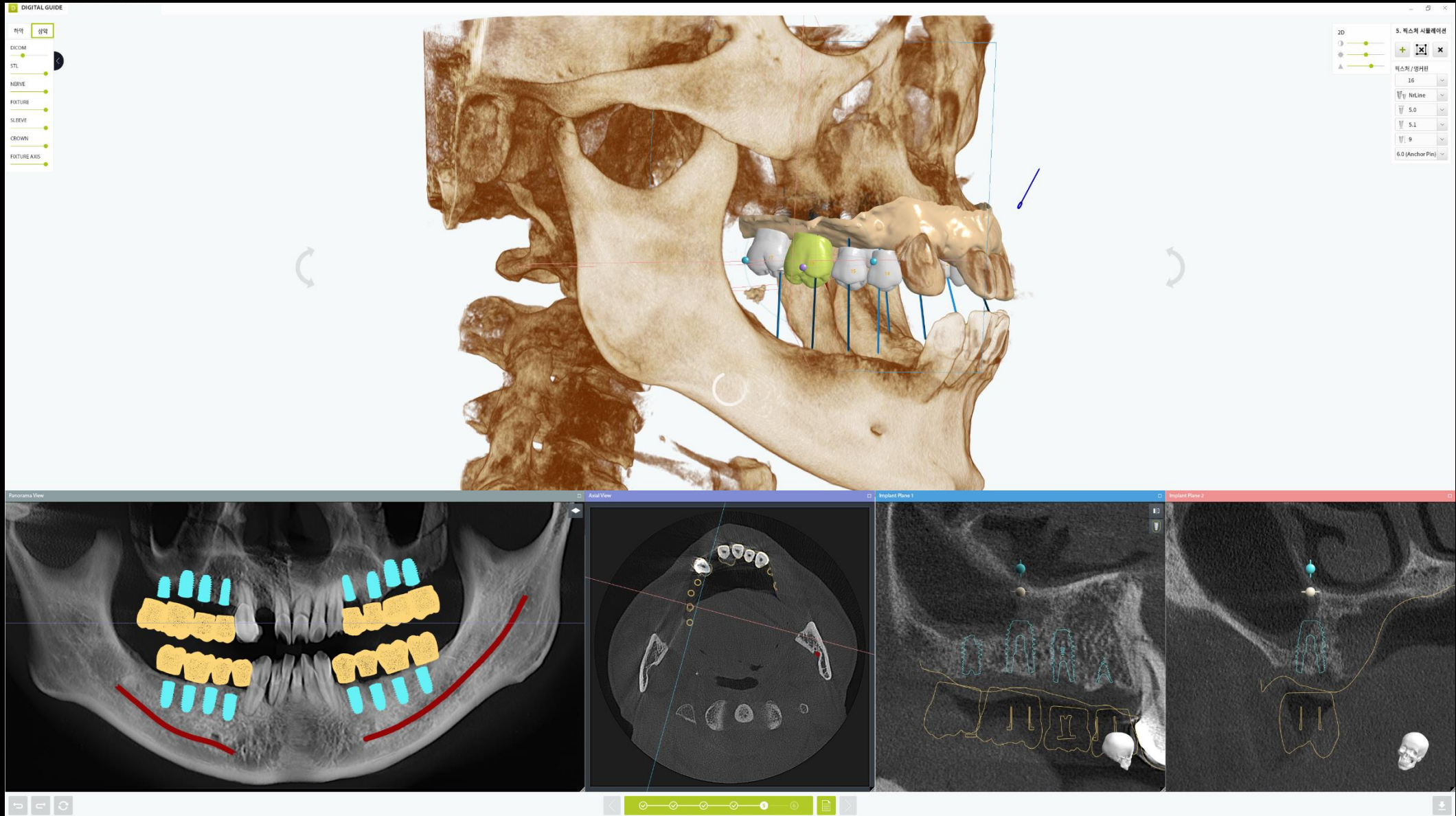
Digital Guide S/W (#15 Implant Planning)

4309



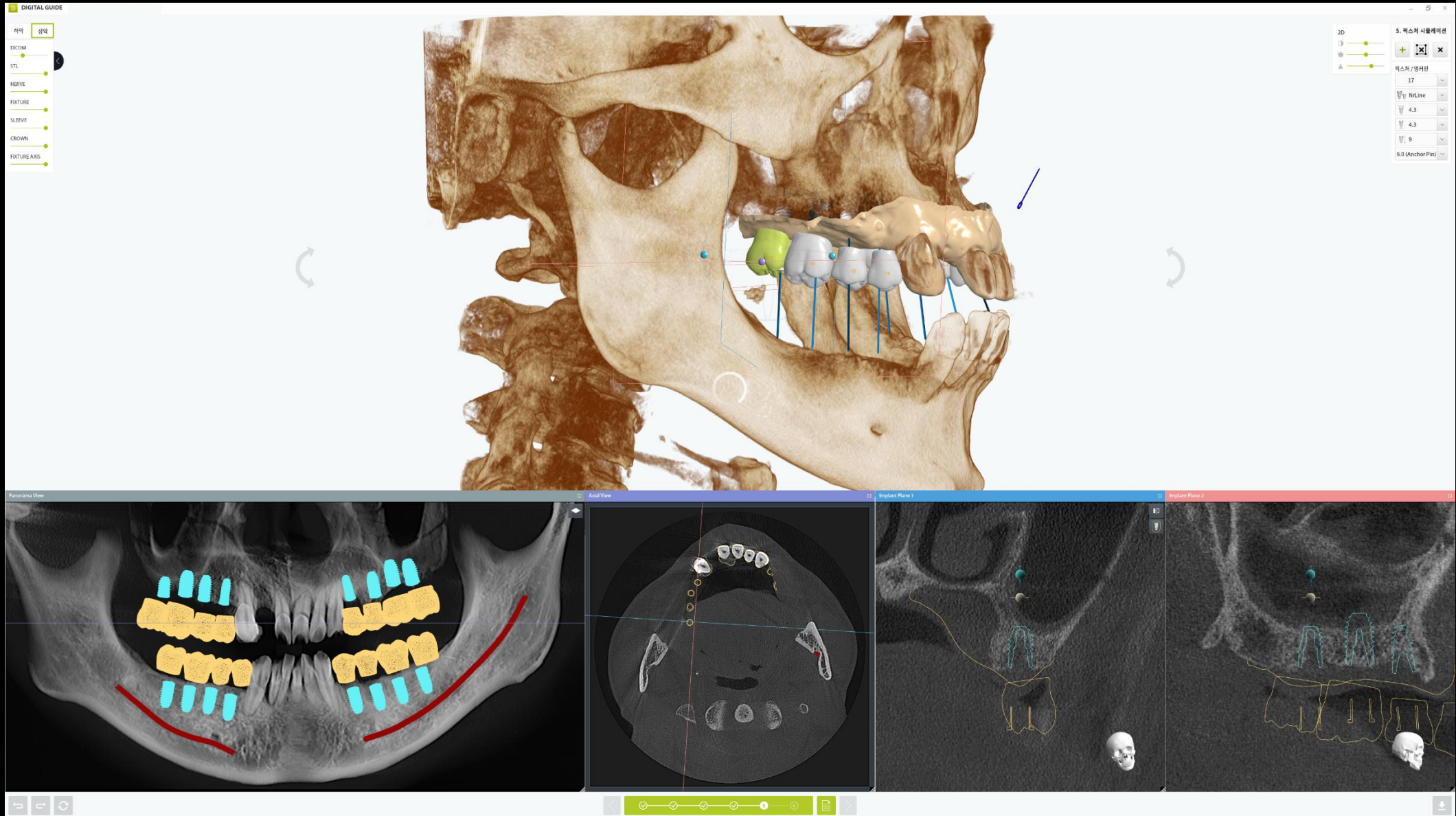
Digital Guide S/W (#16 Implant Planning)

5009



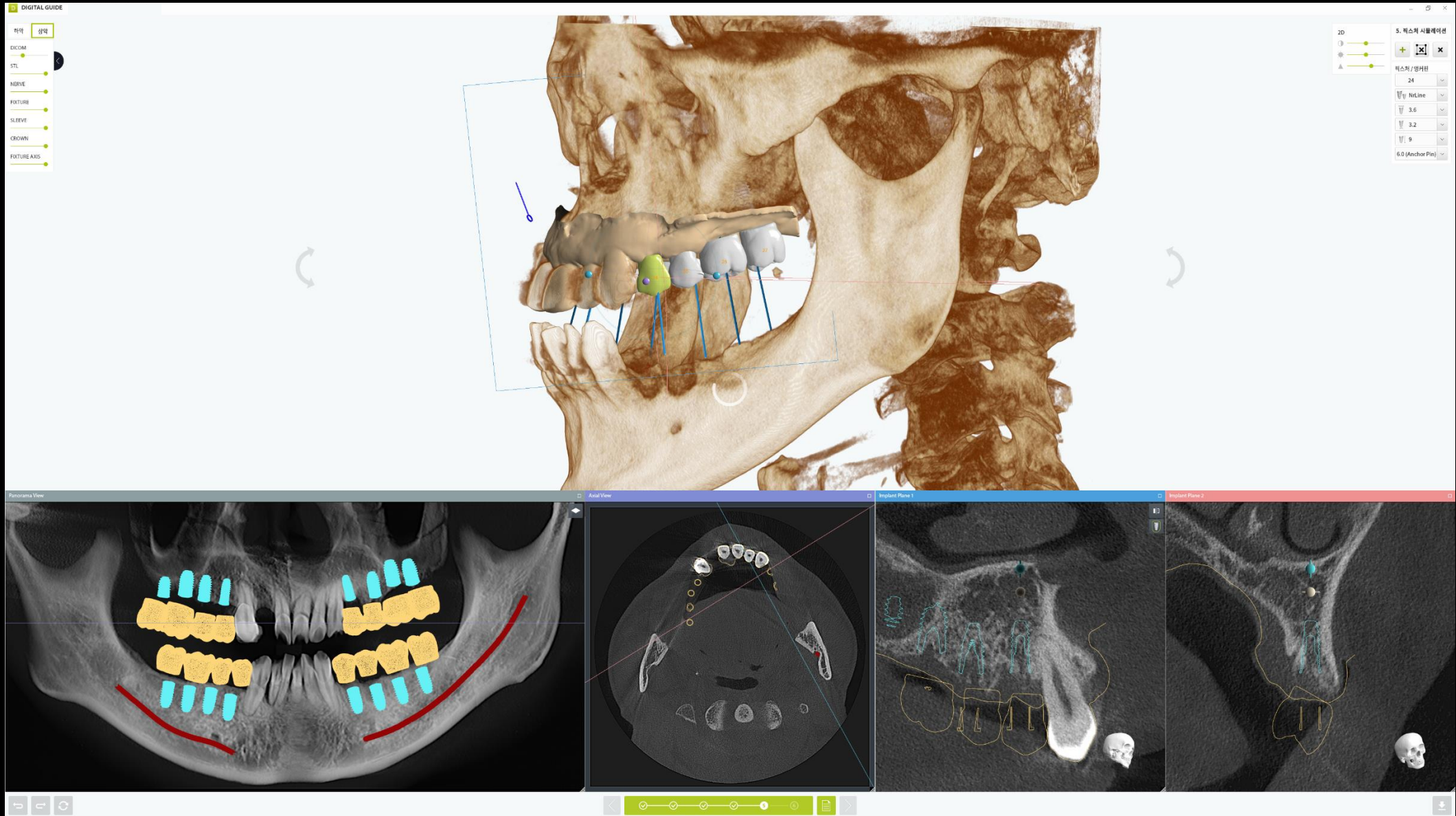
Digital Guide S/W (#17 Implant Planning)

4309

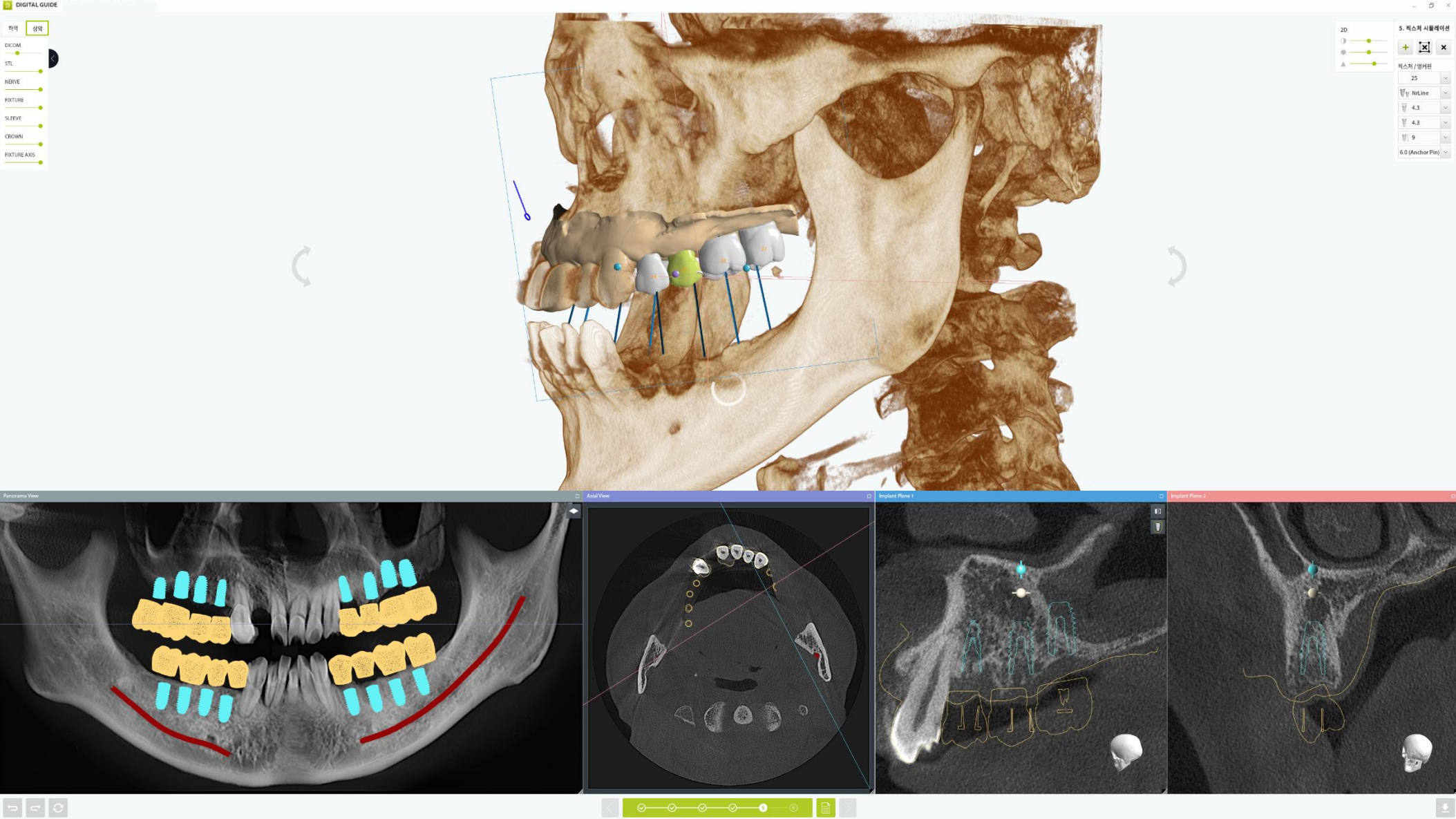


Digital Guide S/W (#24 Implant Planning)

3609

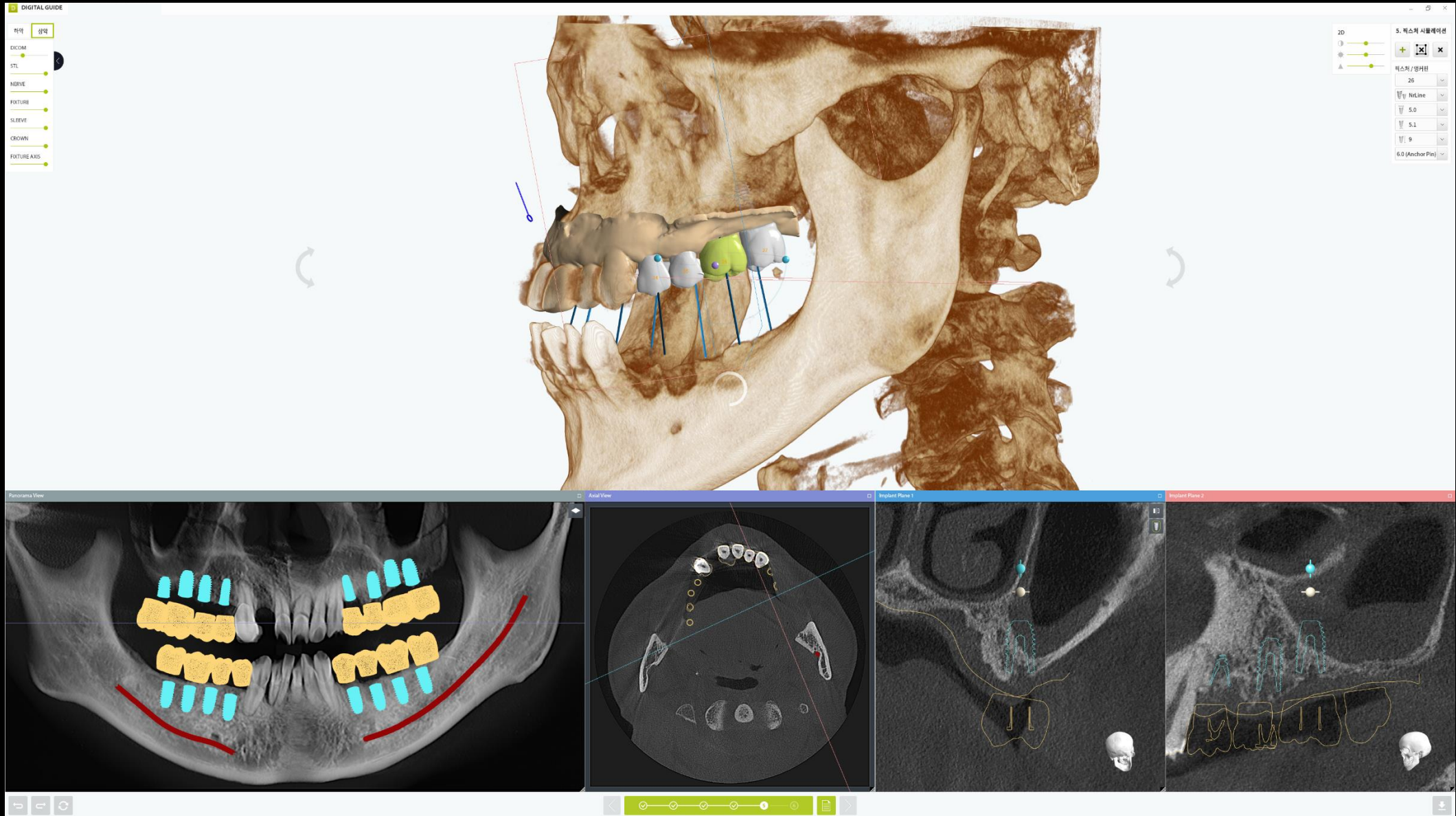


Digital Guide S/W (#25 Implant Planning)



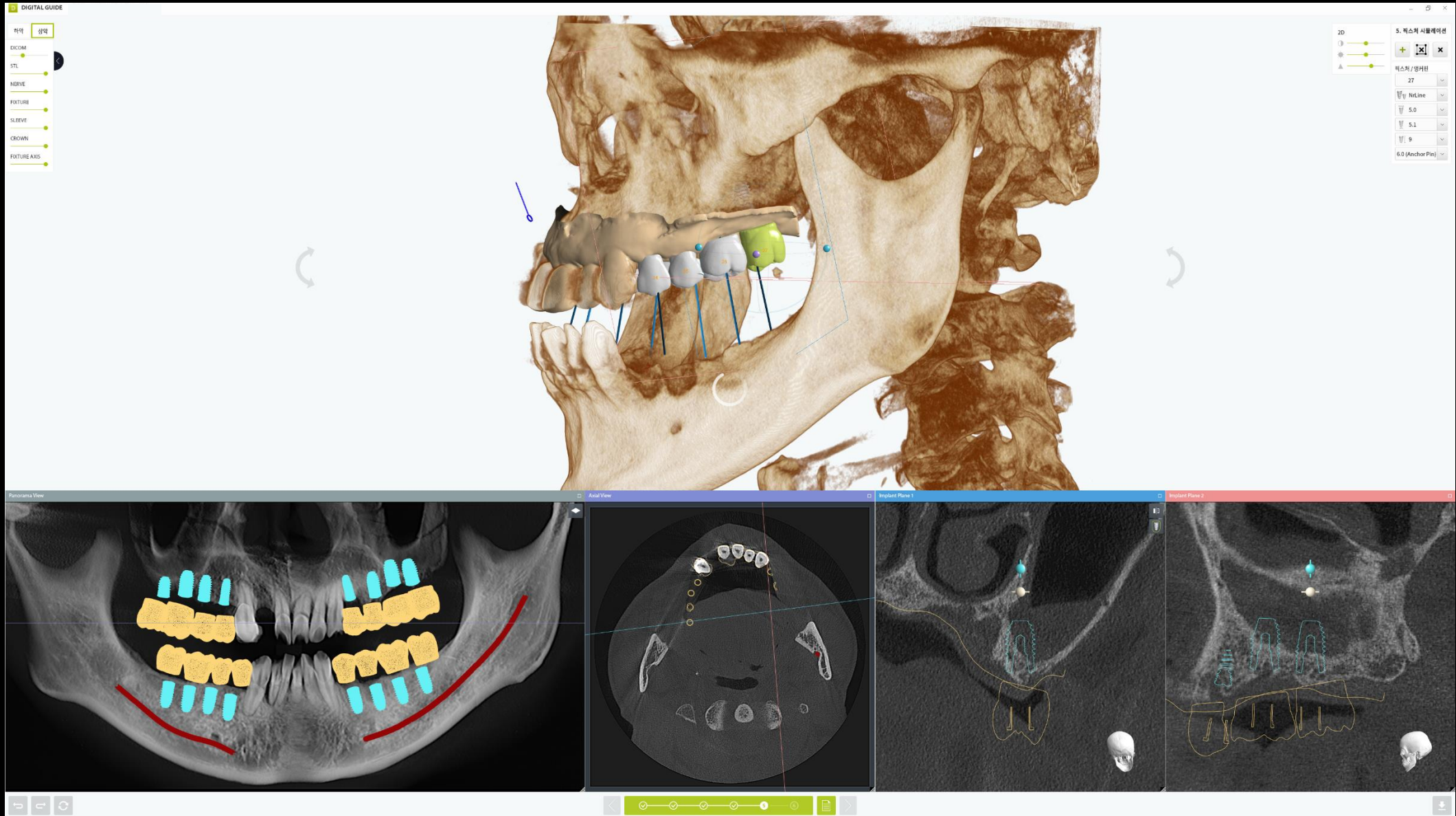
Digital Guide S/W (#26 Implant Planning)

5009

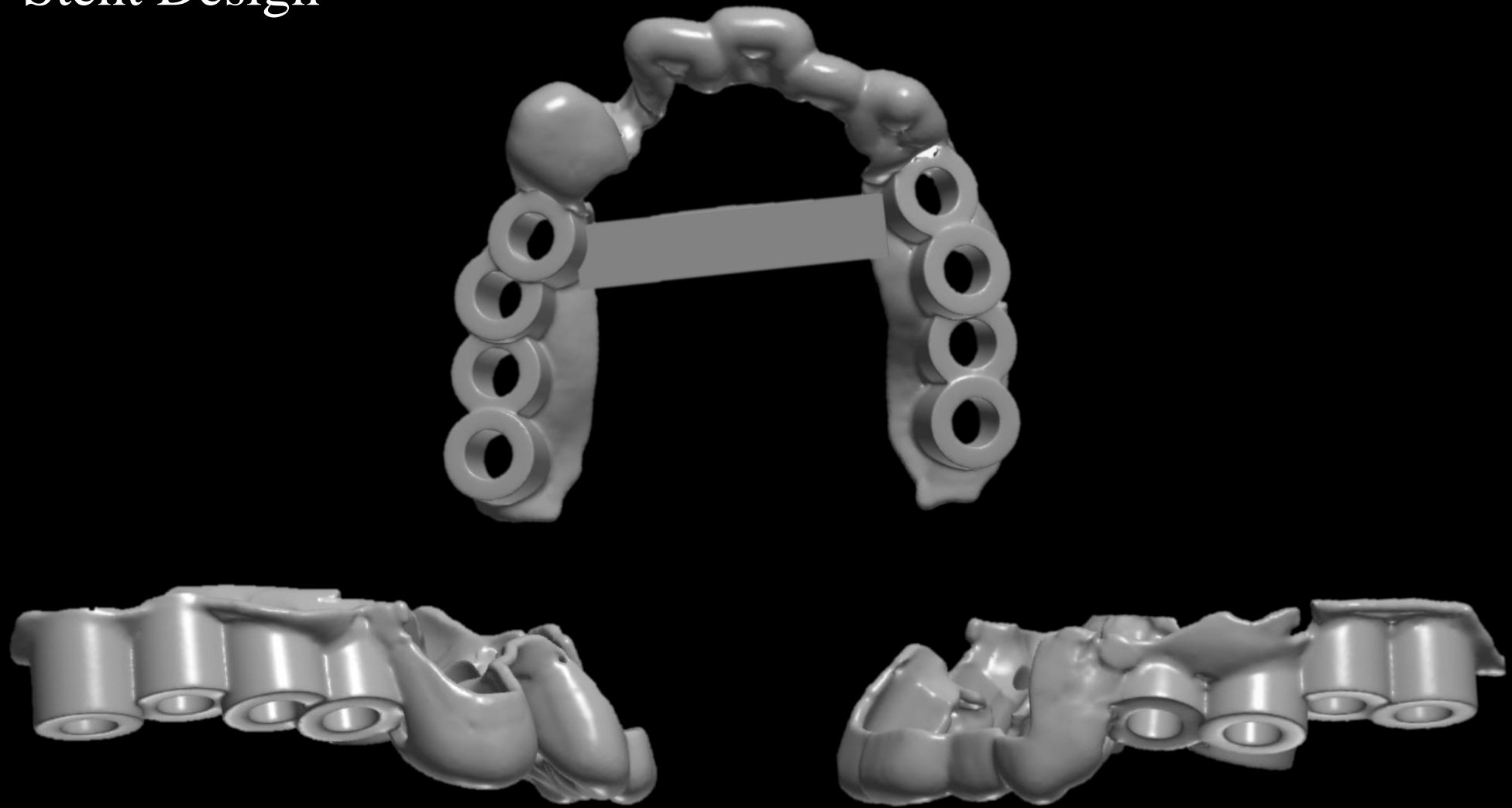


Digital Guide S/W (#27 Implant Planning)

5009



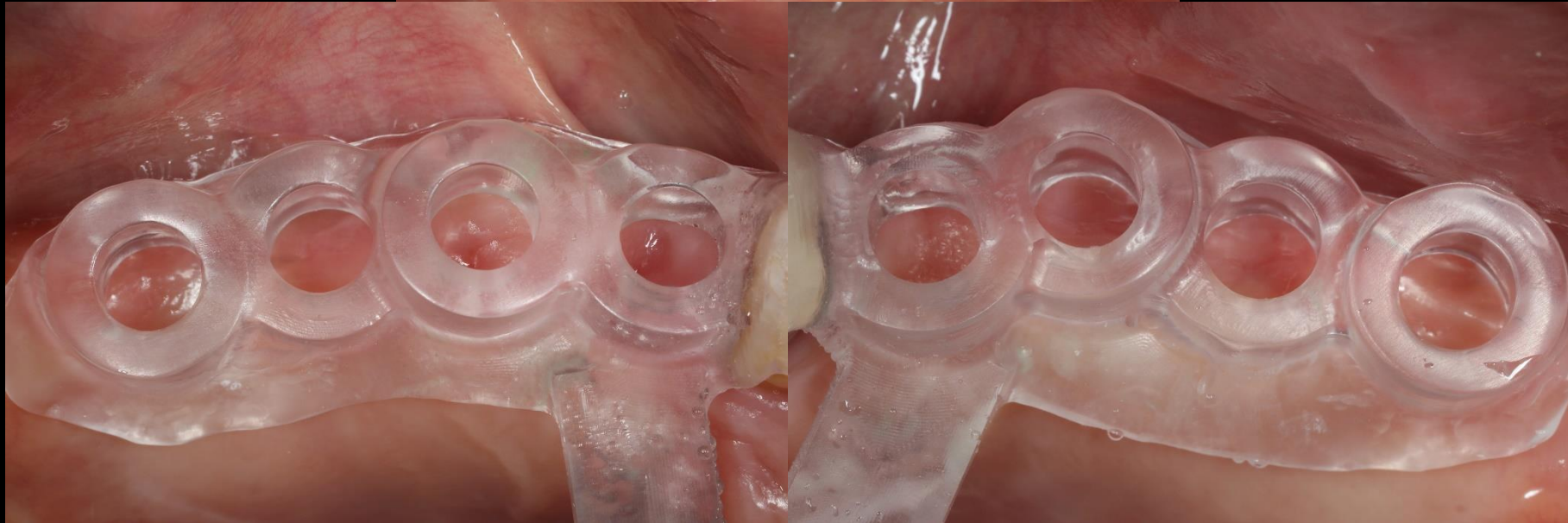
Stent Design



Milling Stent

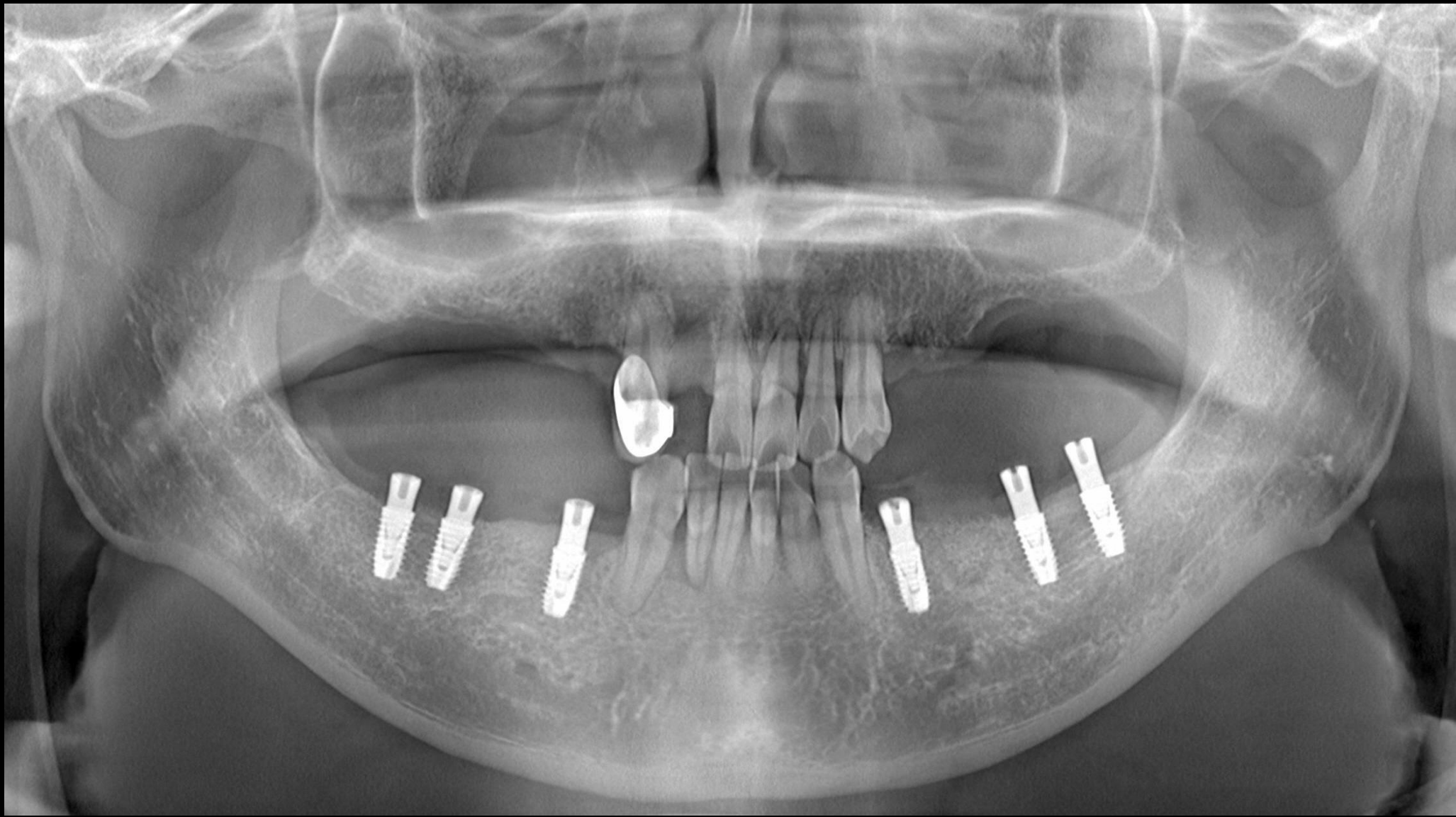


Stent adaptation (2020-07-03)



Pt. Song (51y/M)

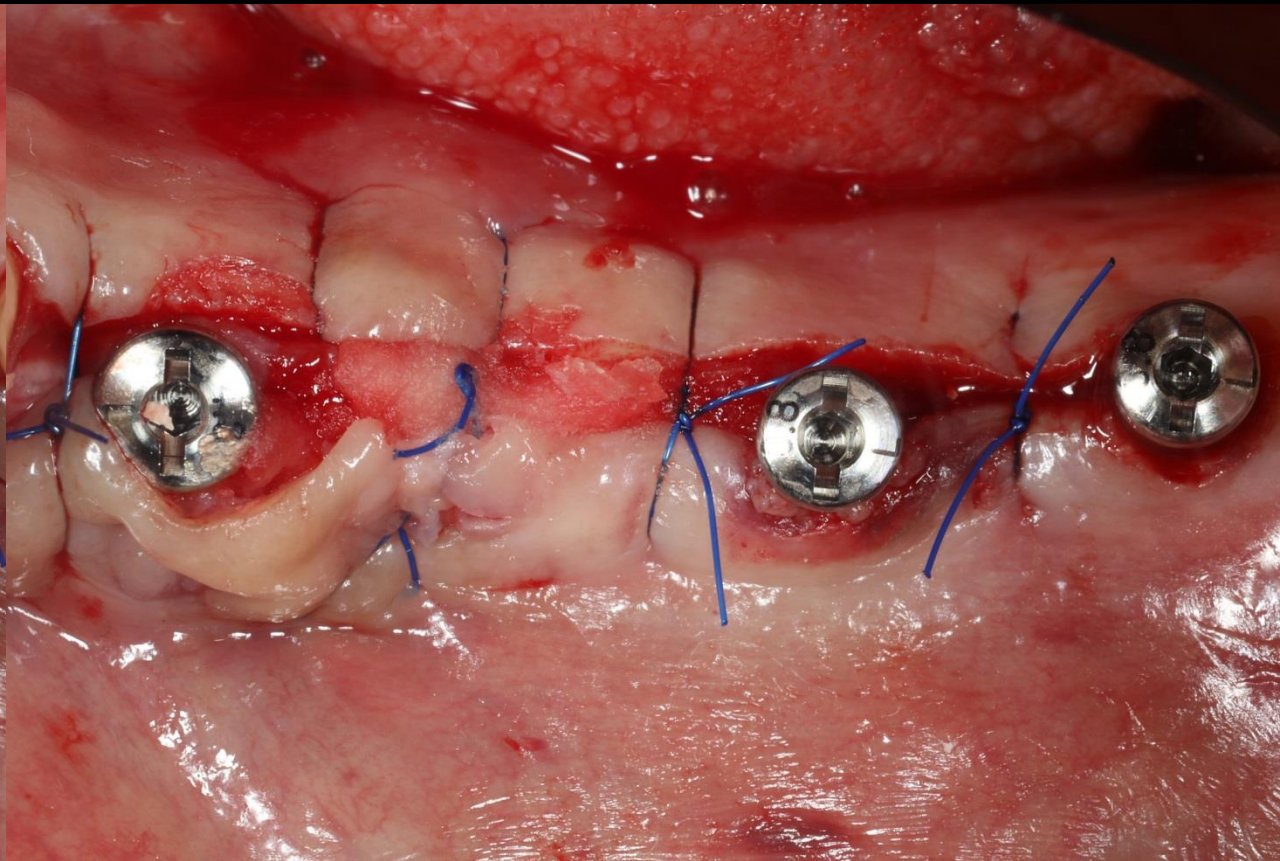
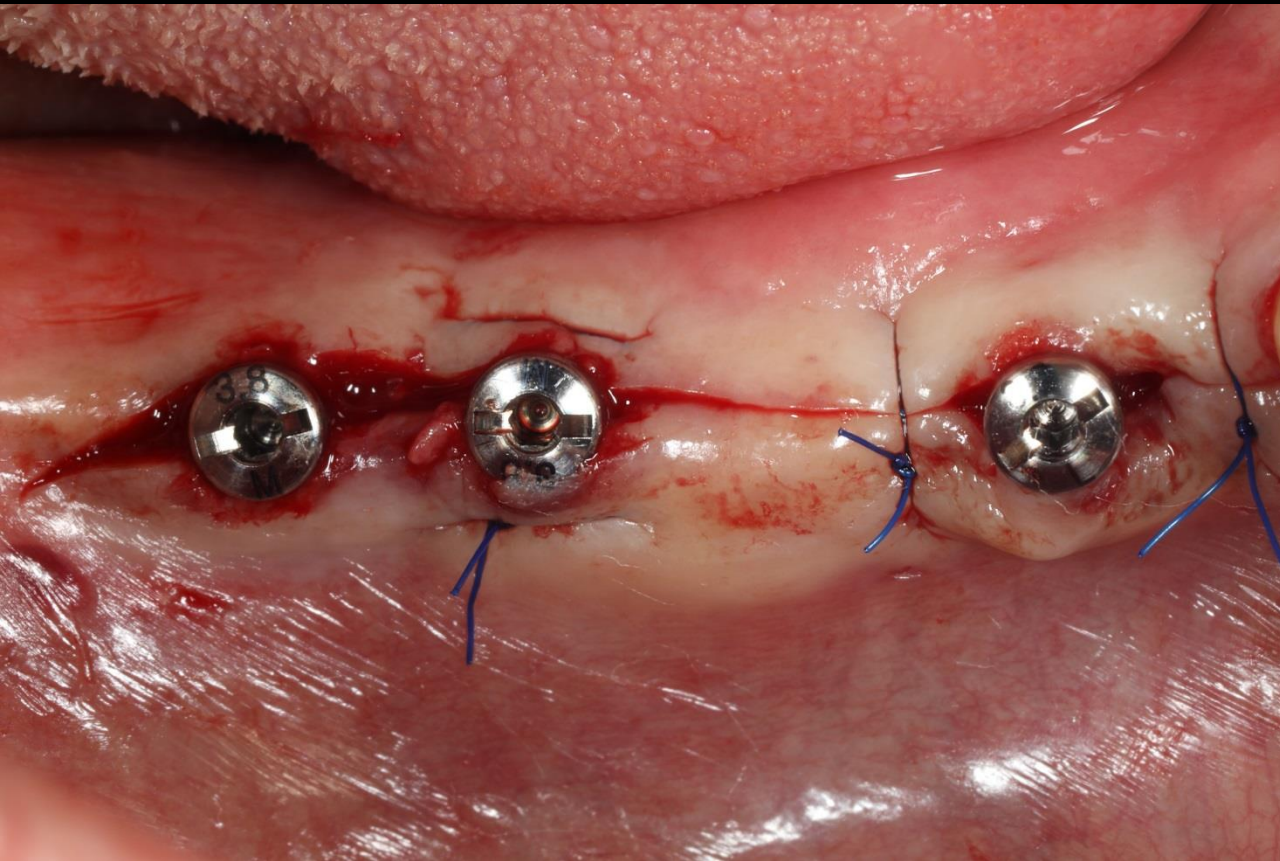
#30, 40 Post-op (2020-06-25)



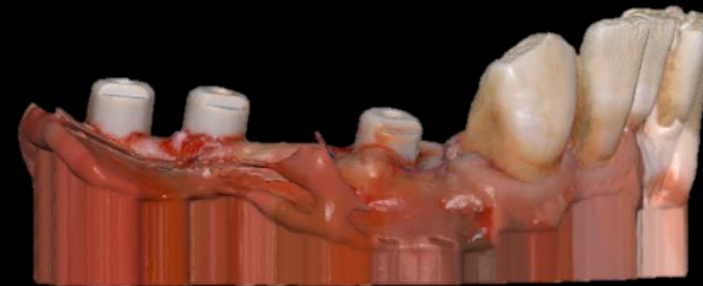
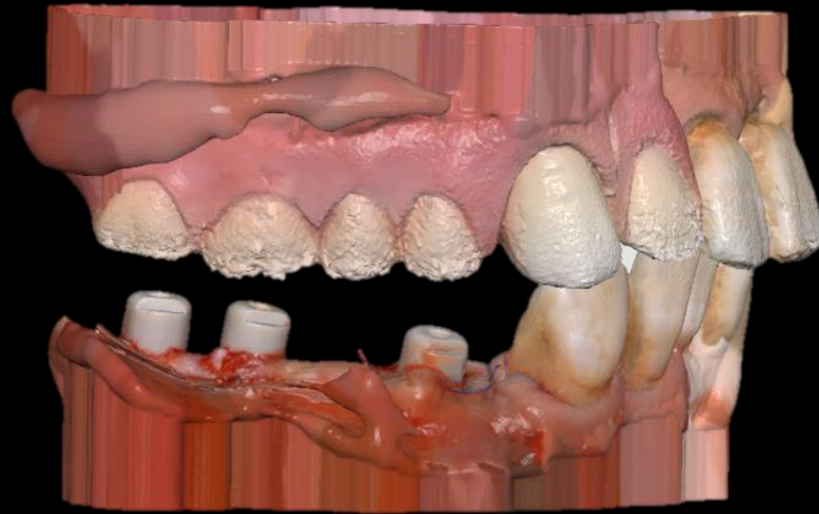
#30, 40 Pre-op (2020-06-25)



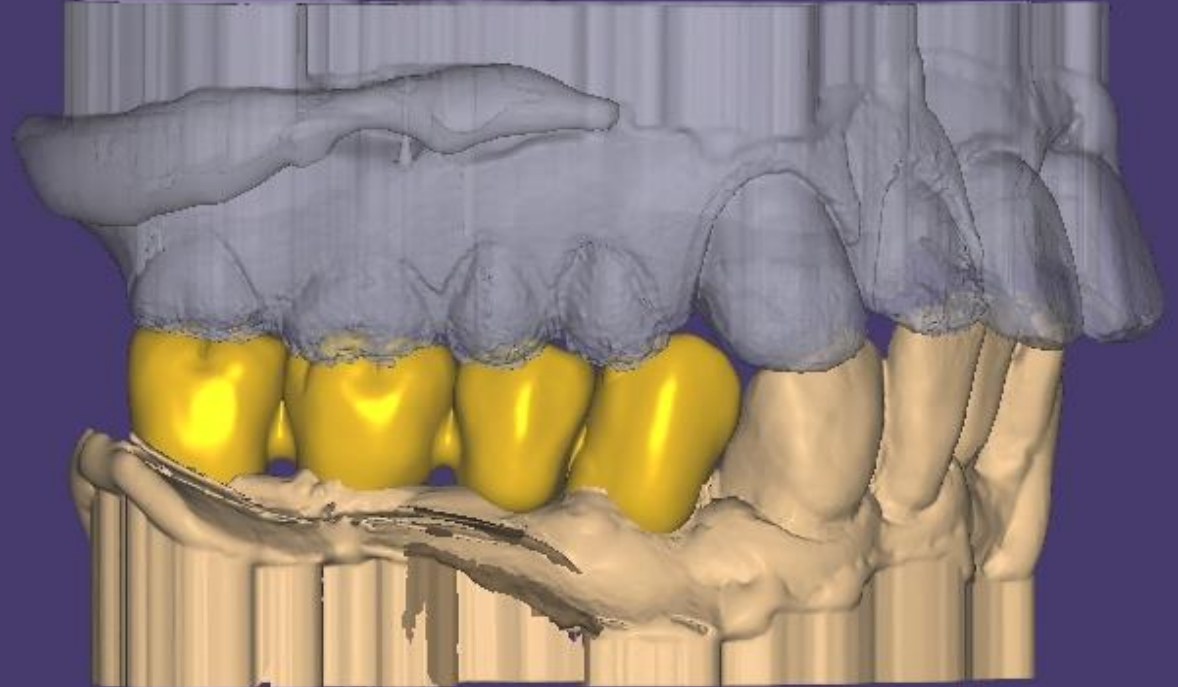
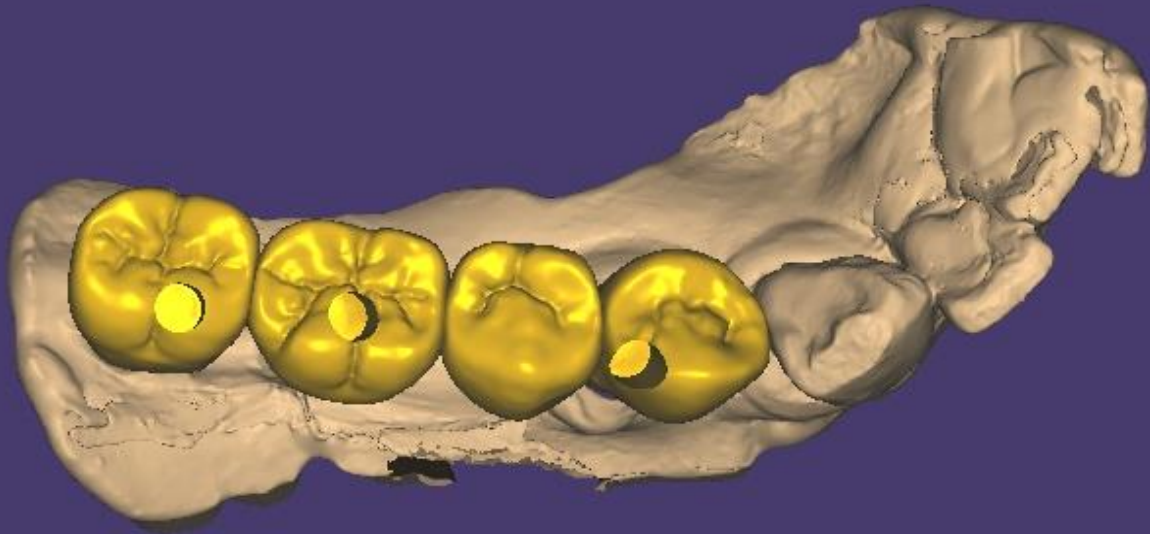
#30, 40 Post-op (2020-06-25)



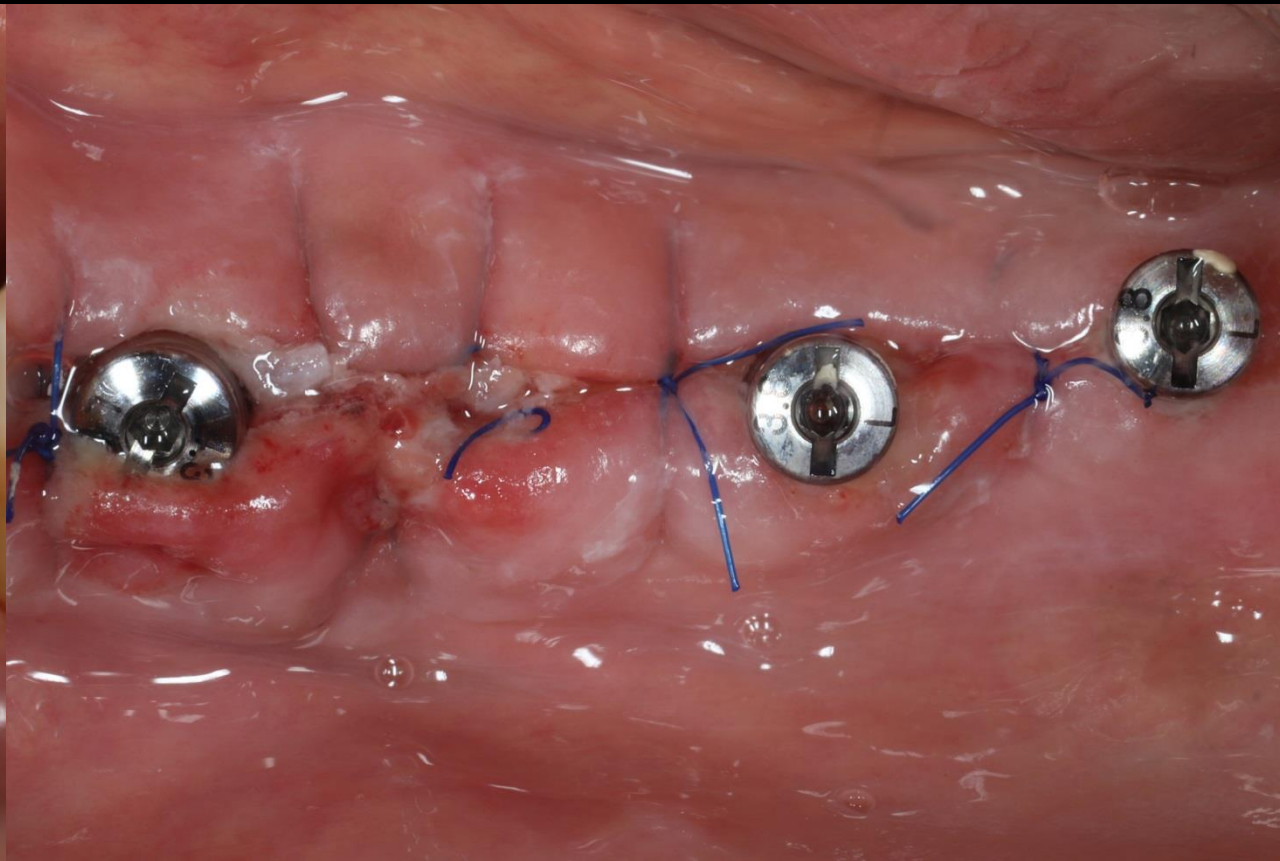
#40 Intra Oral Scanning (2020-06-25)



#40 CAD (Provisional restoration) (2020-06-25)



#40 Provisional restoration / Healing : 4 days (2020-06-29)

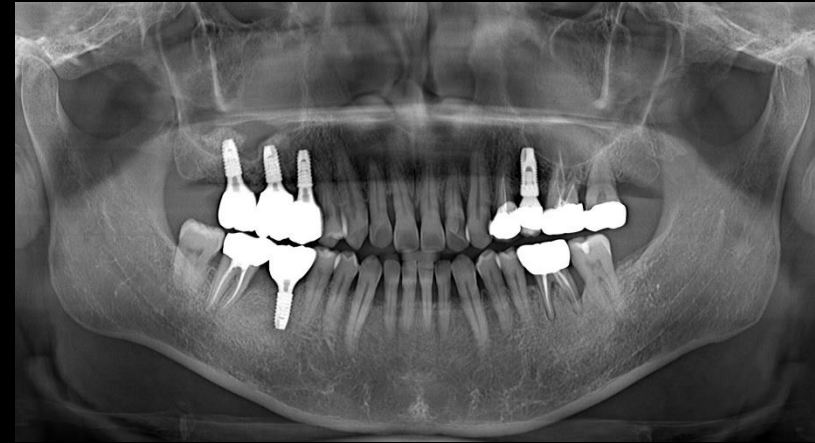
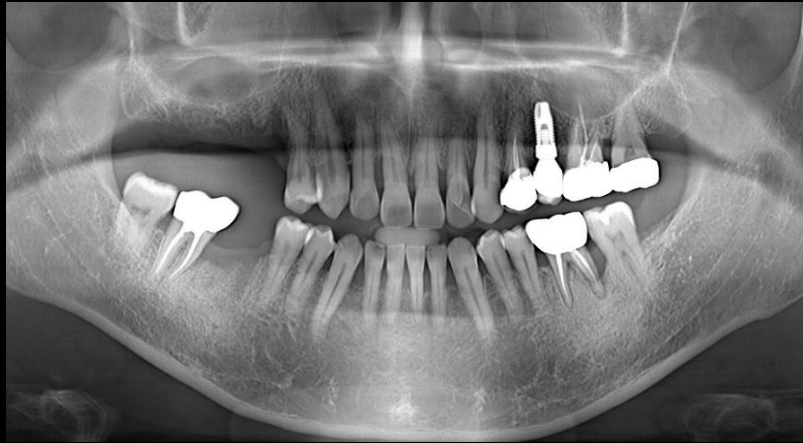


Healing : 1 week (2020-07-03)



Similar case presentation 1

- Sinus lifting with Crestal approach

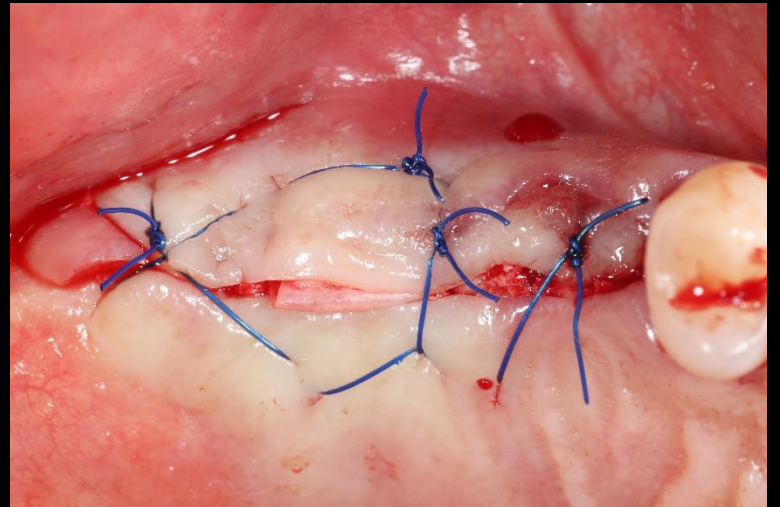
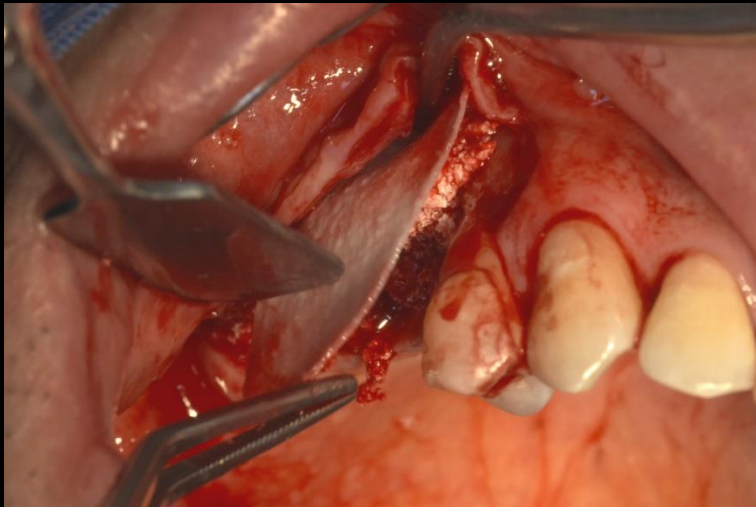
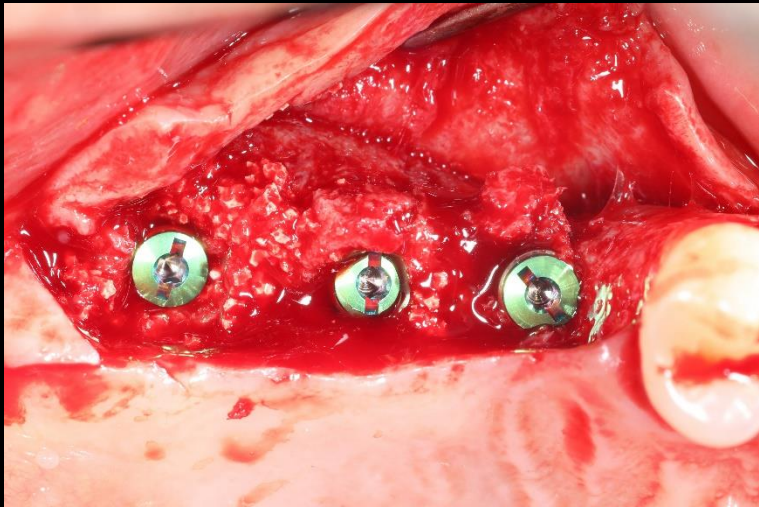
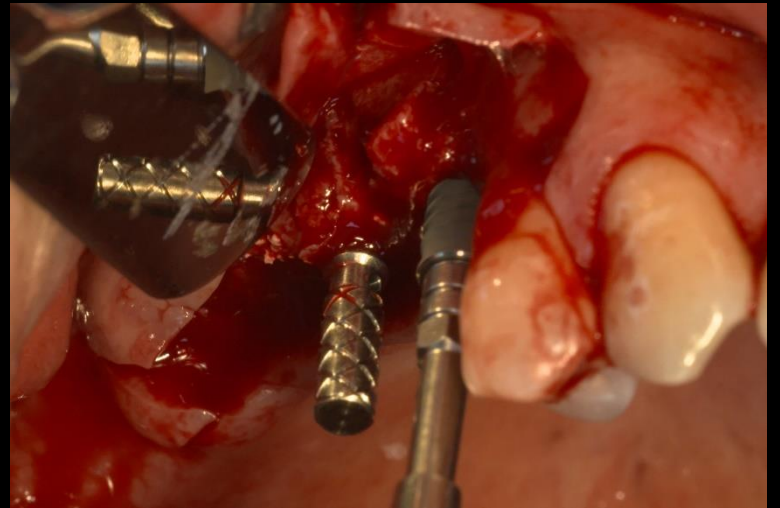
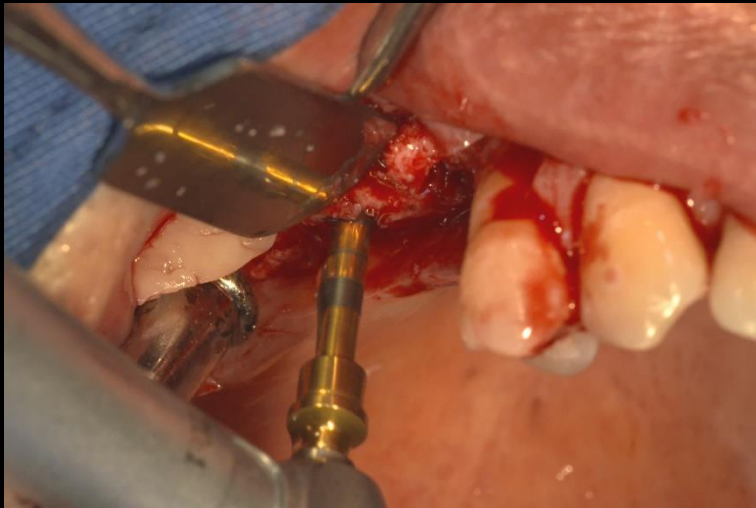


Pre-op (2018-06-25)

Final Prosthesis (2019-04-15)

Similar case presentation 1

- Sinus lifting with Crestal approach

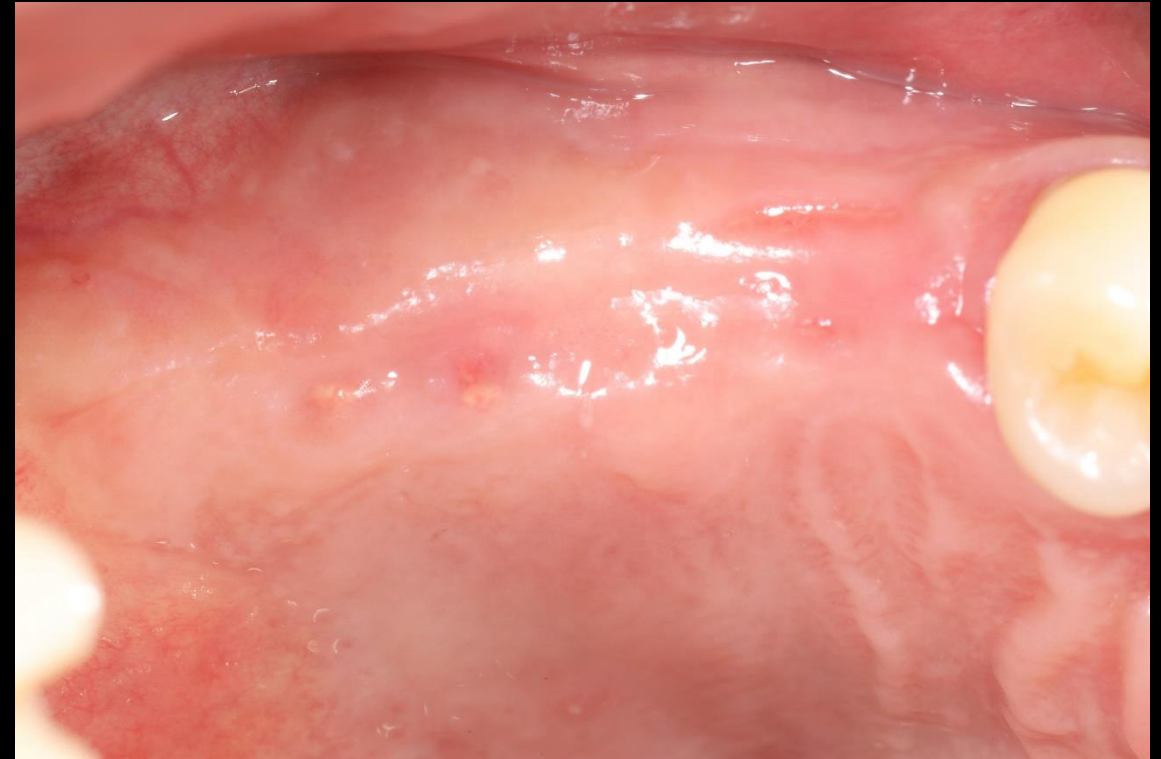


Similar case presentation 1

- Sinus lifting with Crestal approach



Healing : 1 weeks
(2018-07-04)



Healing : 3 months 2 weeks
(2018-10-10)

Similar case presentation 1

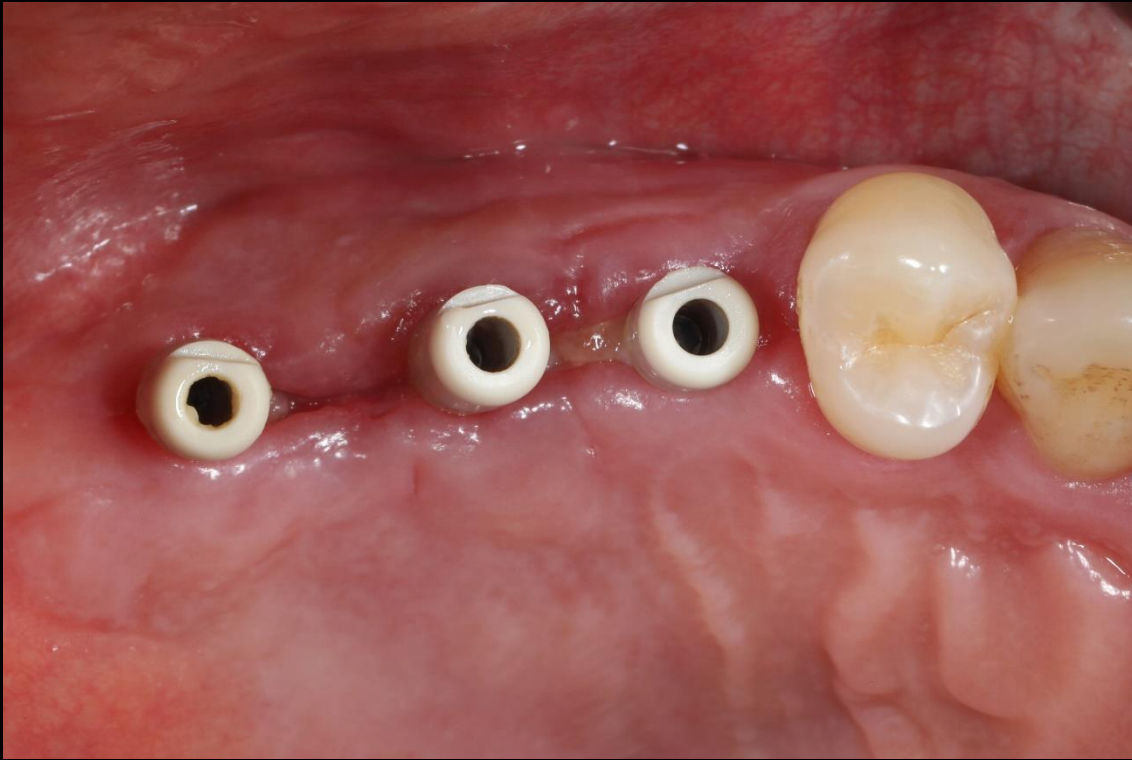
- Sinus lifting with Crestal approach



Healing: 7 months / Second Stage Surgery
(2019-01-01)

Similar case presentation 1

- Sinus lifting with Crestal approach



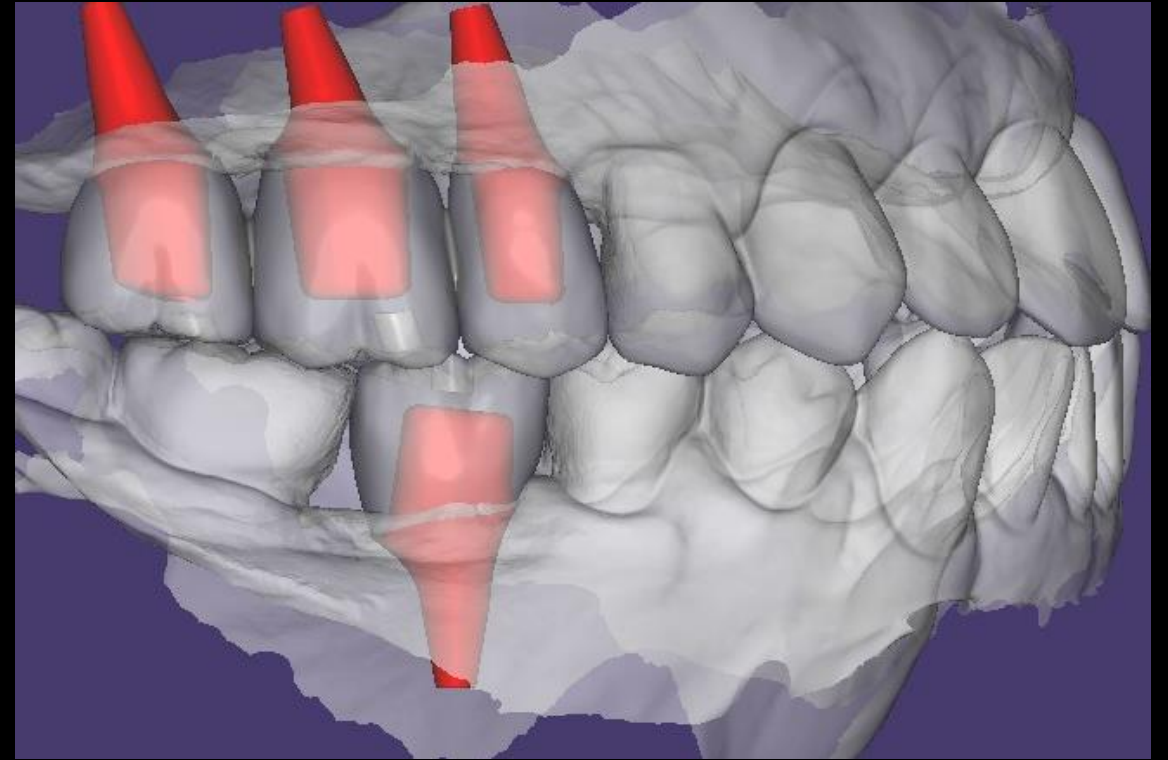
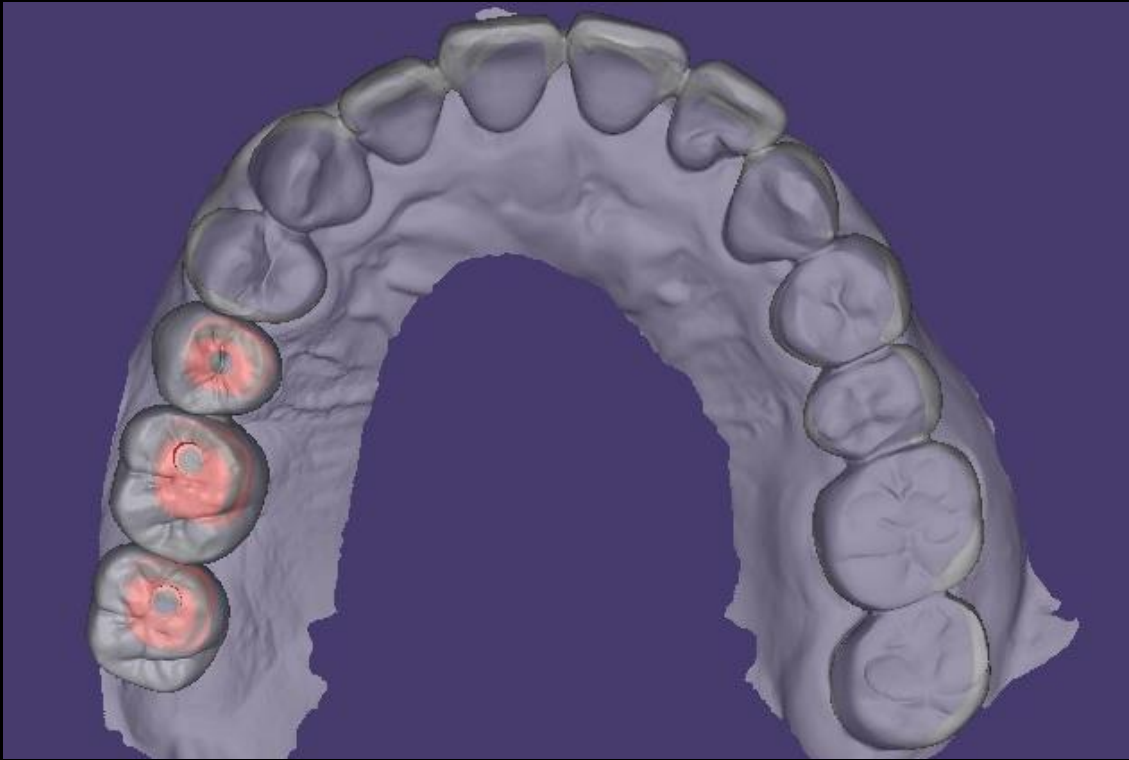
Healing : 1 week
(2019-01-16)



Intra Oral Scanning

Similar case presentation 1

- Sinus lifting with Crestal approach

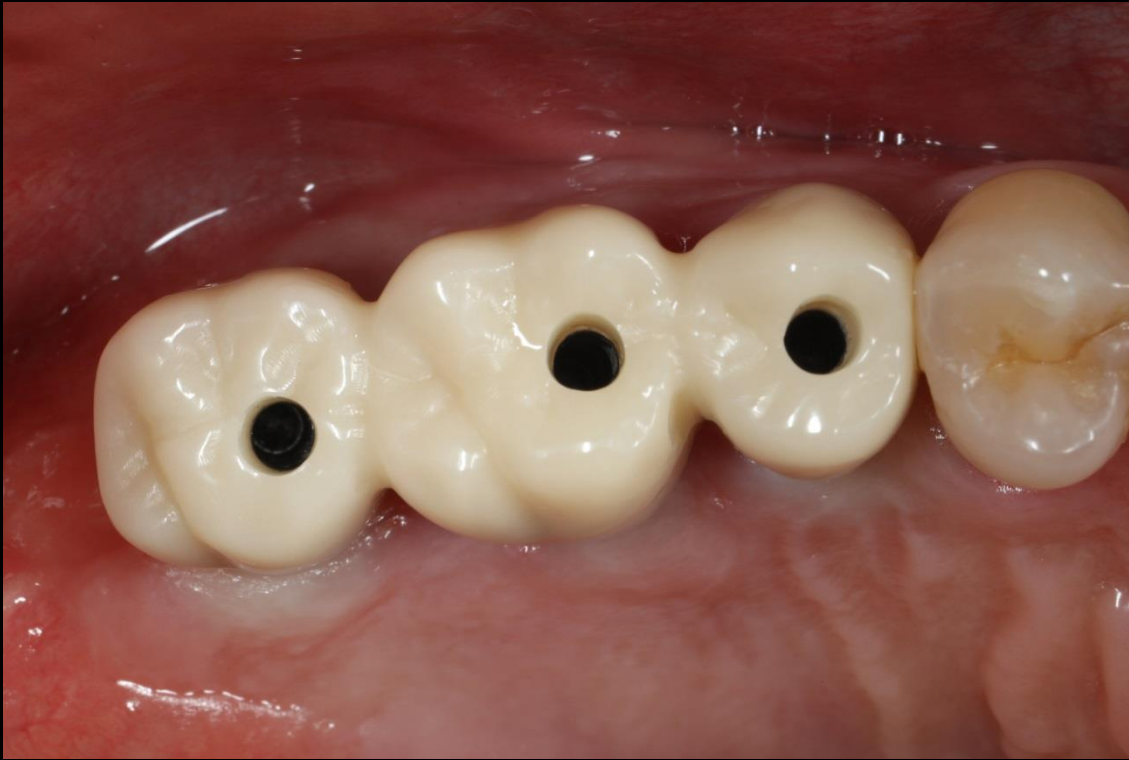


CAD

(Customized abutment & Provisional restoration)

Similar case presentation 1

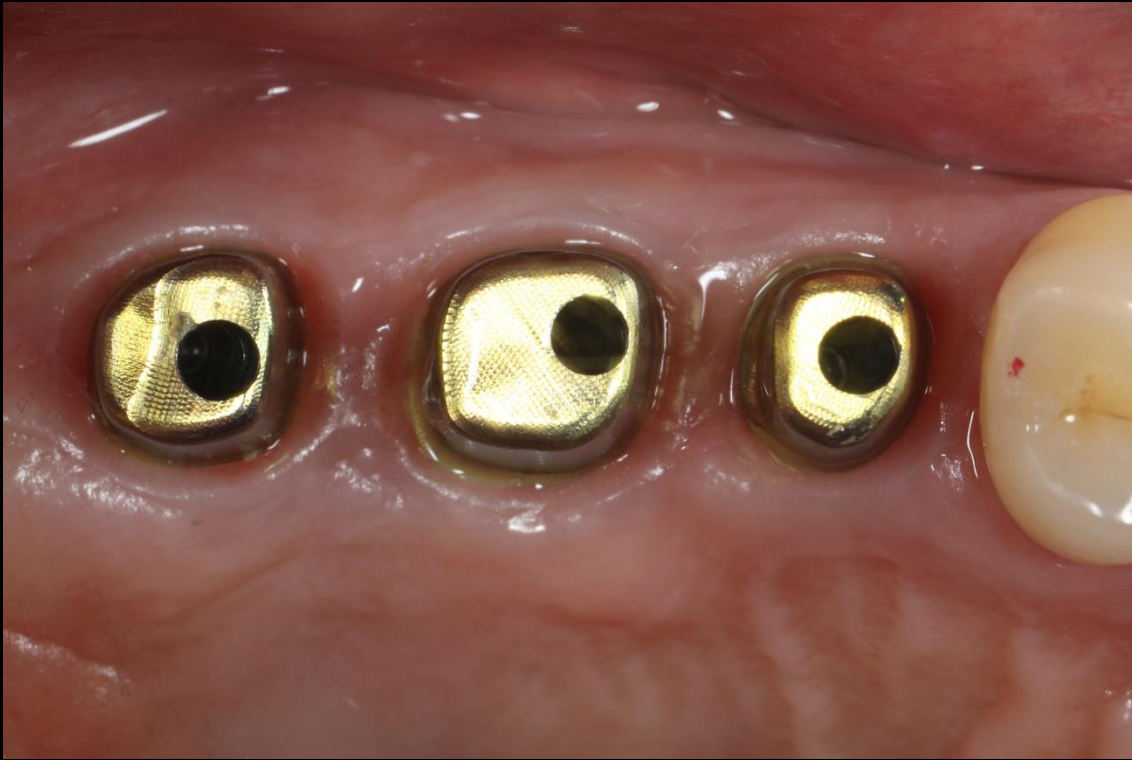
- Sinus lifting with Crestal approach



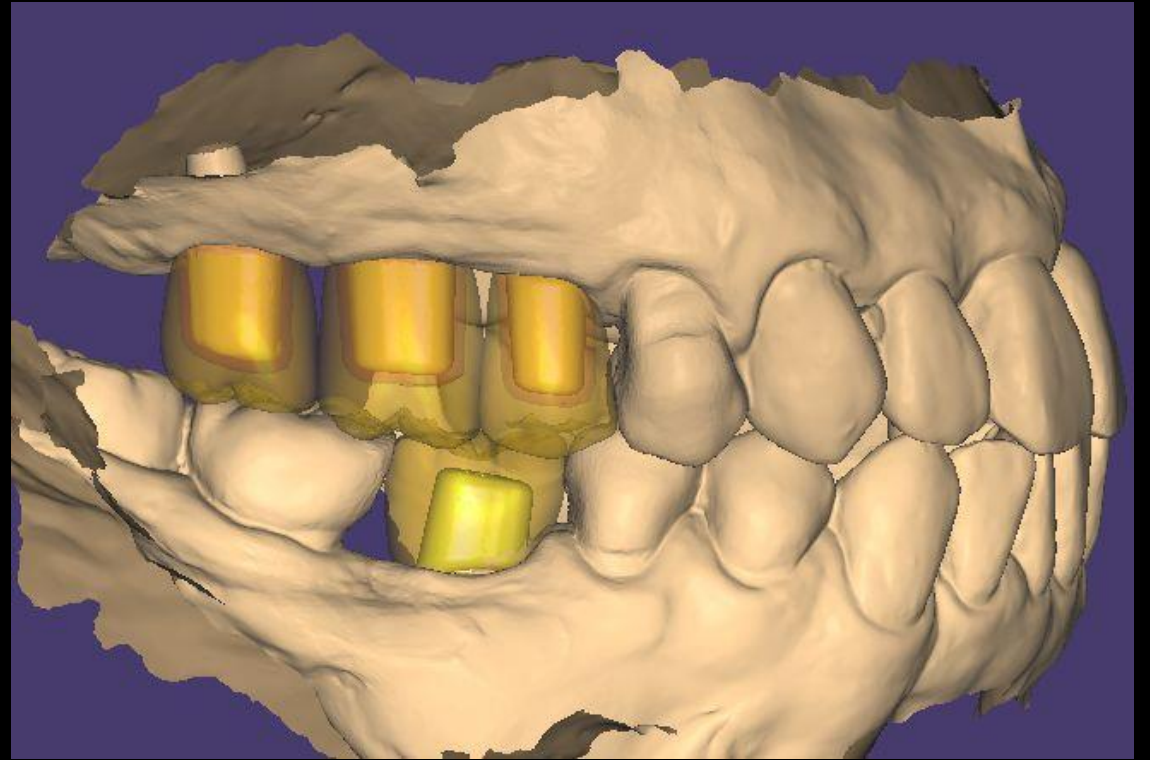
Provisional restoration

Similar case presentation 1

- Sinus lifting with Crestal approach



Impression



CAD (Final prosthesis)

Similar case presentation 1

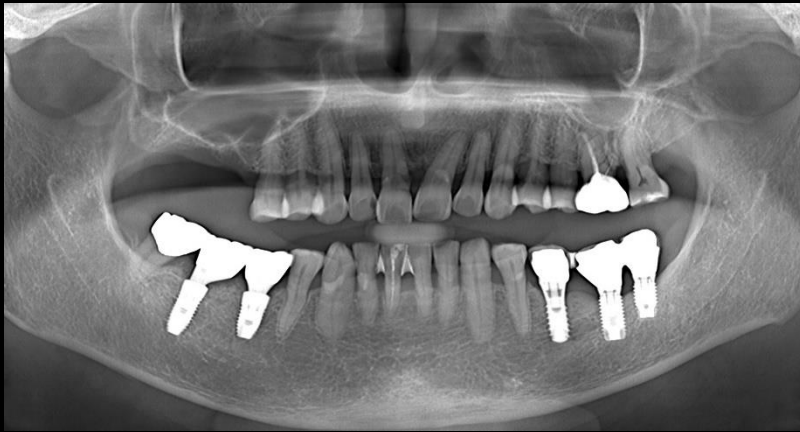
- Sinus lifting with Crestal approach



Final prosthesis
(2019-04-15)

Similar case presentation (2)

- Sinus elevation with Lateral approach



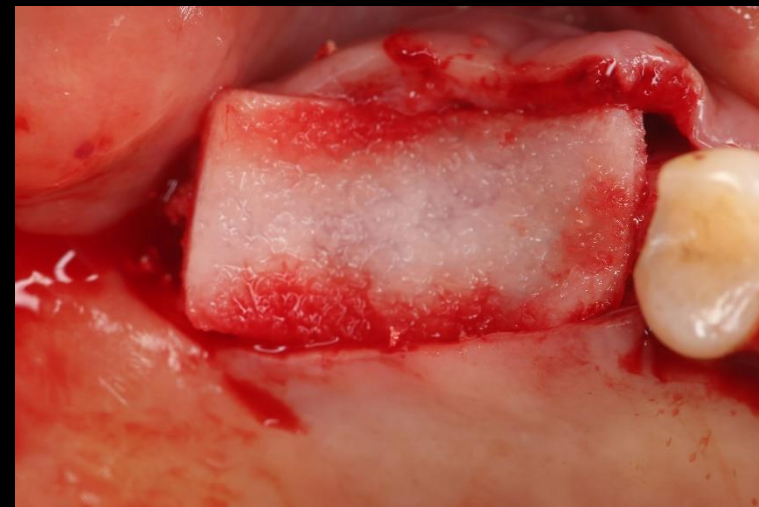
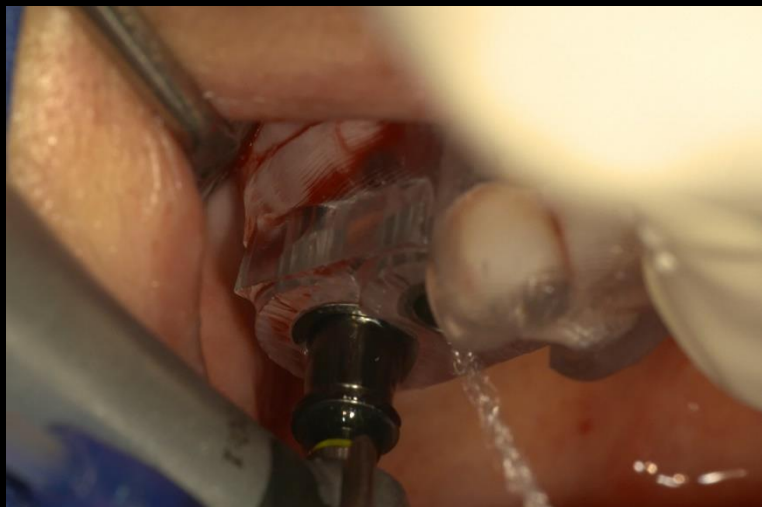
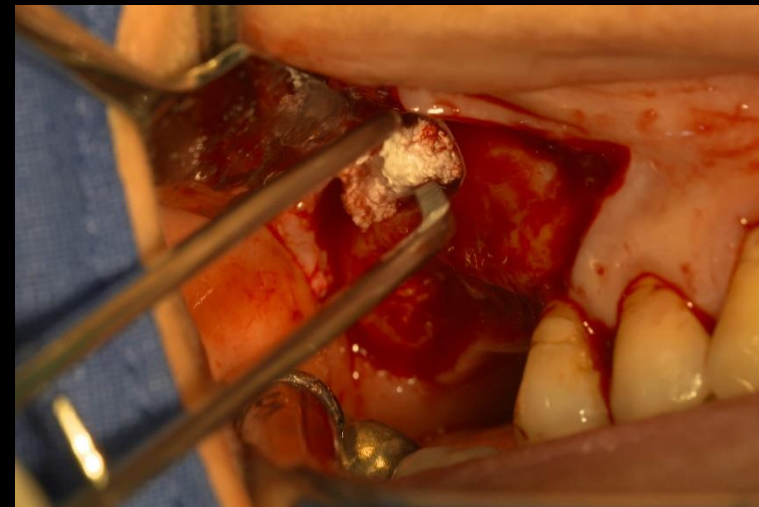
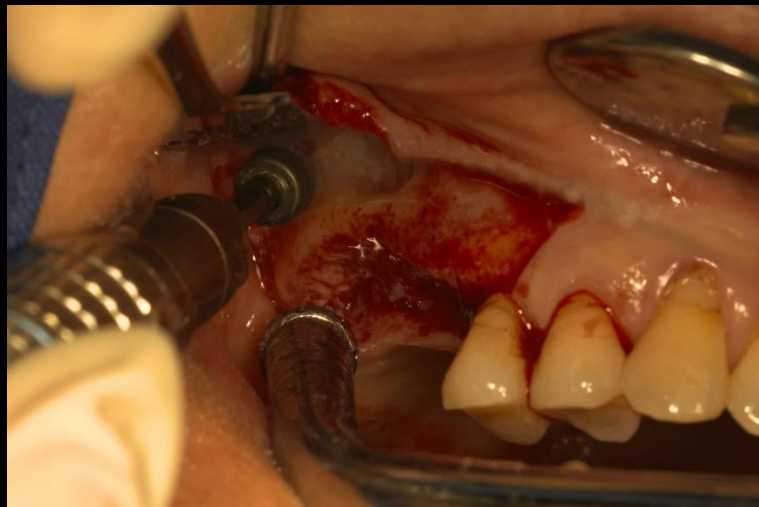
Pre-op (2018-03-26)



Final Prosthesis (2019-05-23)

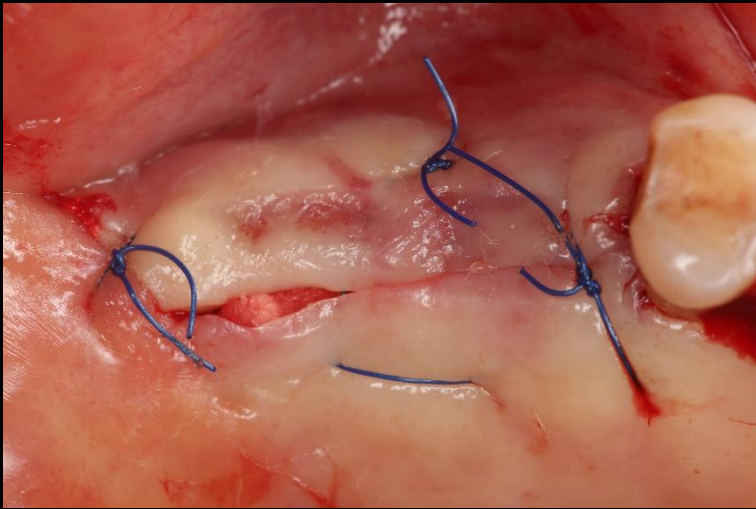
Similar case presentation (2)

- Sinus elevation with Lateral approach

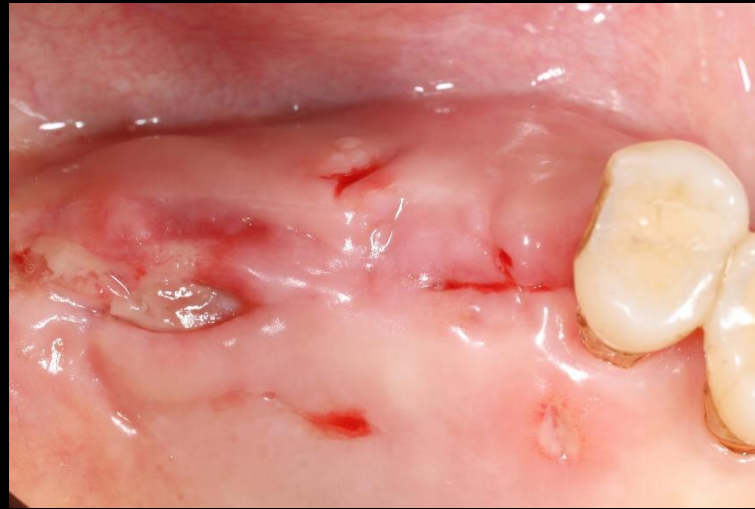


Similar case presentation (2)

- Sinus elevation with Lateral approach



Post-op
(2018-06-11)



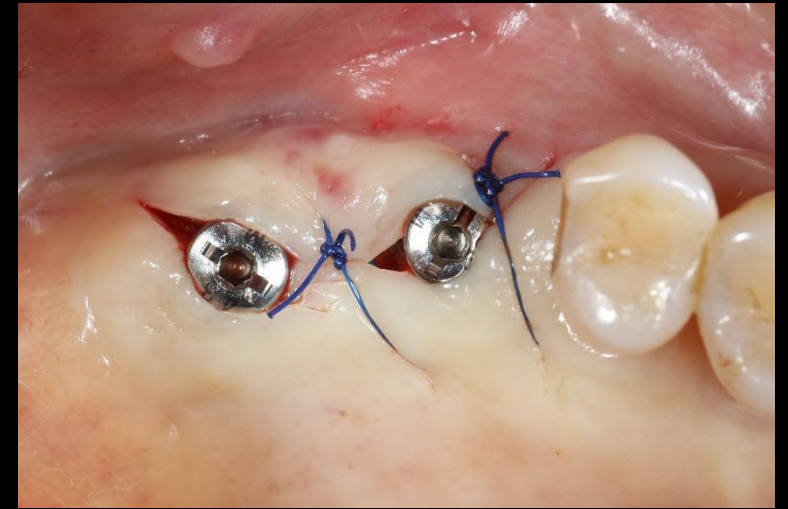
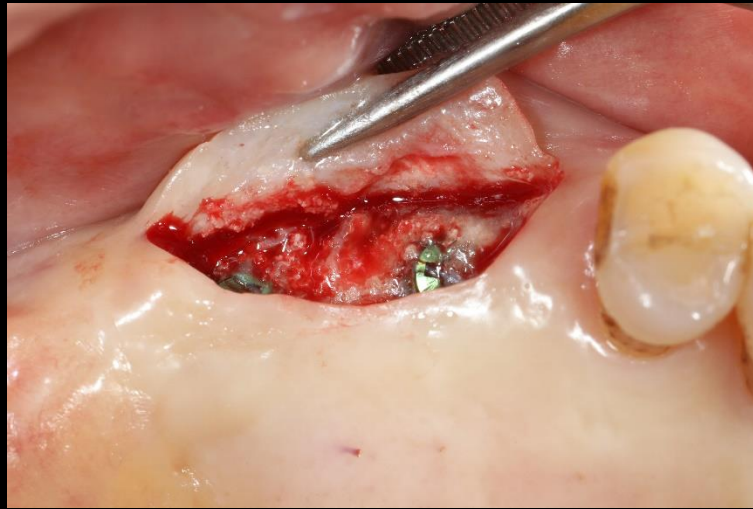
Healing : 1 week
(2018-06-18)



Healing : 1 month
(2018-07-16)

Similar case presentation (2)

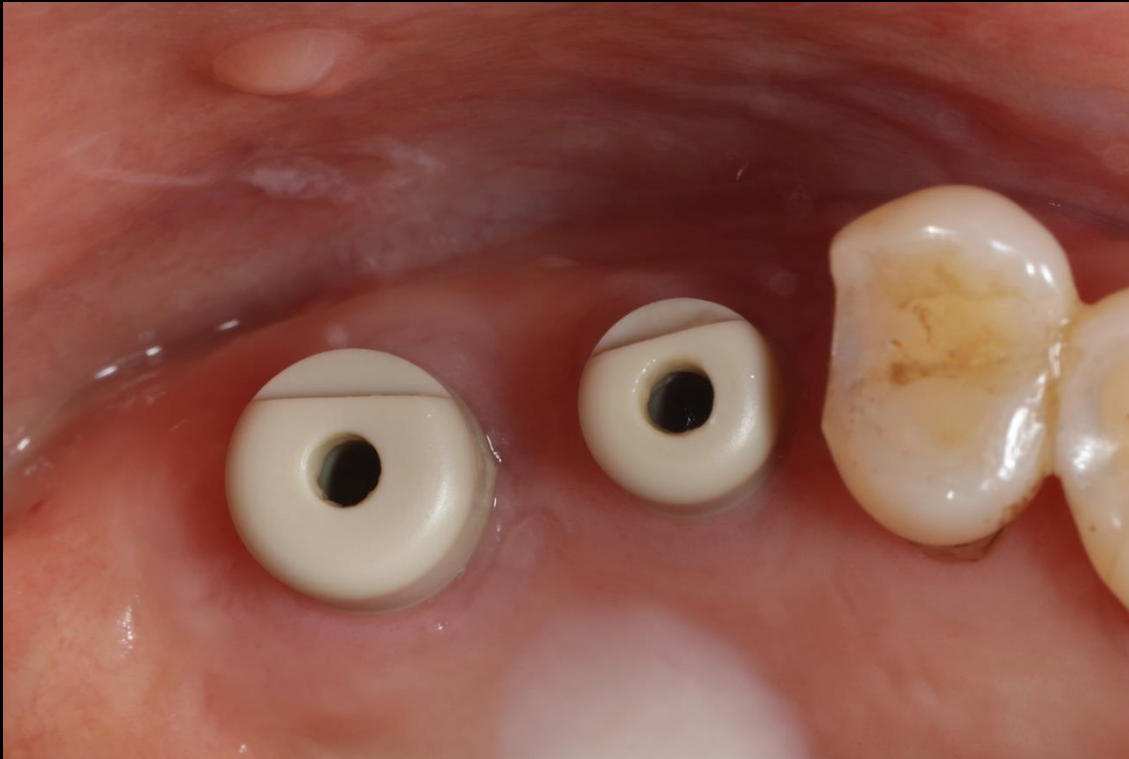
- Sinus elevation with Lateral approach



Healing : 6 months / Second Stage Surgery
(2018-12-20)

Similar case presentation (2)

- Sinus elevation with Lateral approach



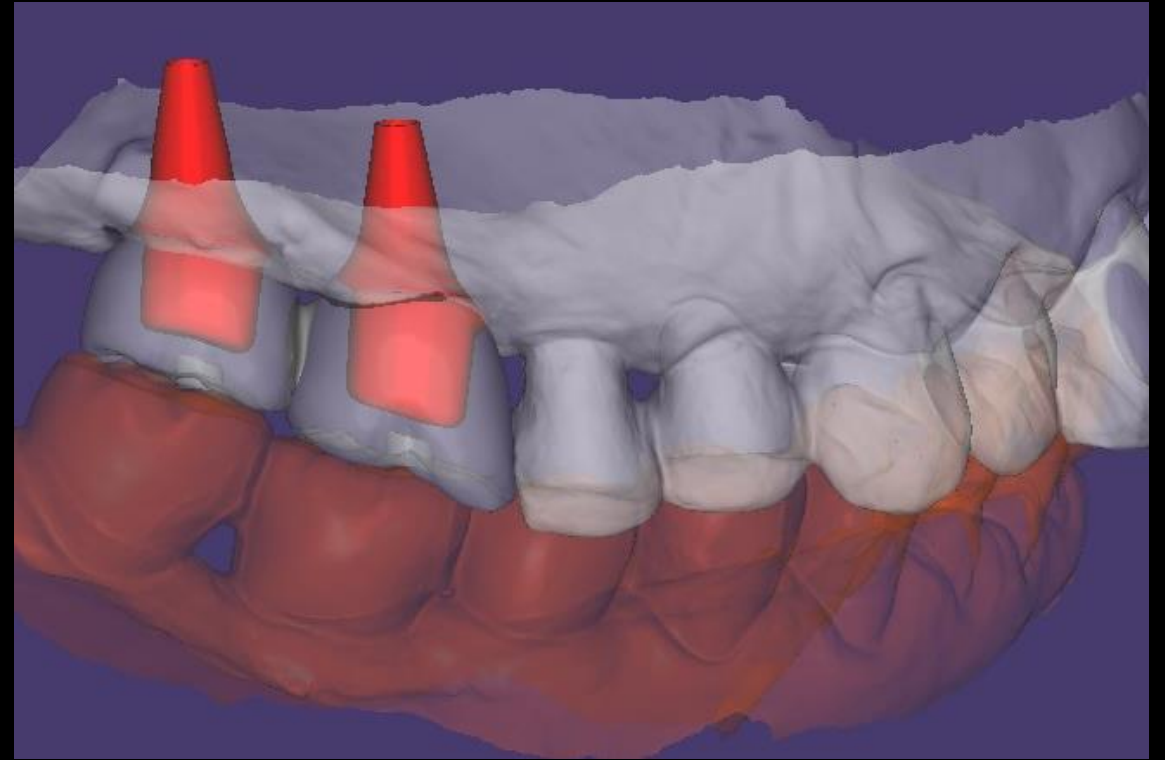
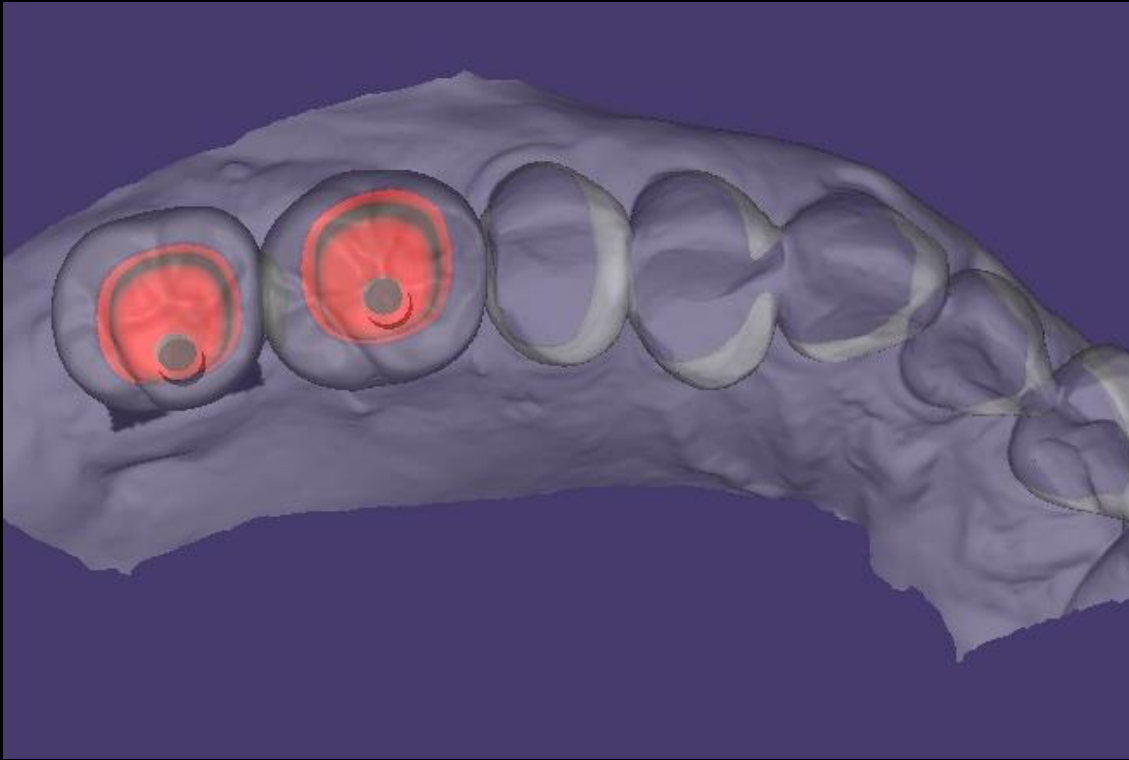
Healing : 1 month / Scan Abutment
(2019-01-21)



Intra Oral Scanning

Similar case presentation (2)

- Sinus elevation with Lateral approach



CAD

(Customized abutment / Provisional restoration)

Similar case presentation (2)

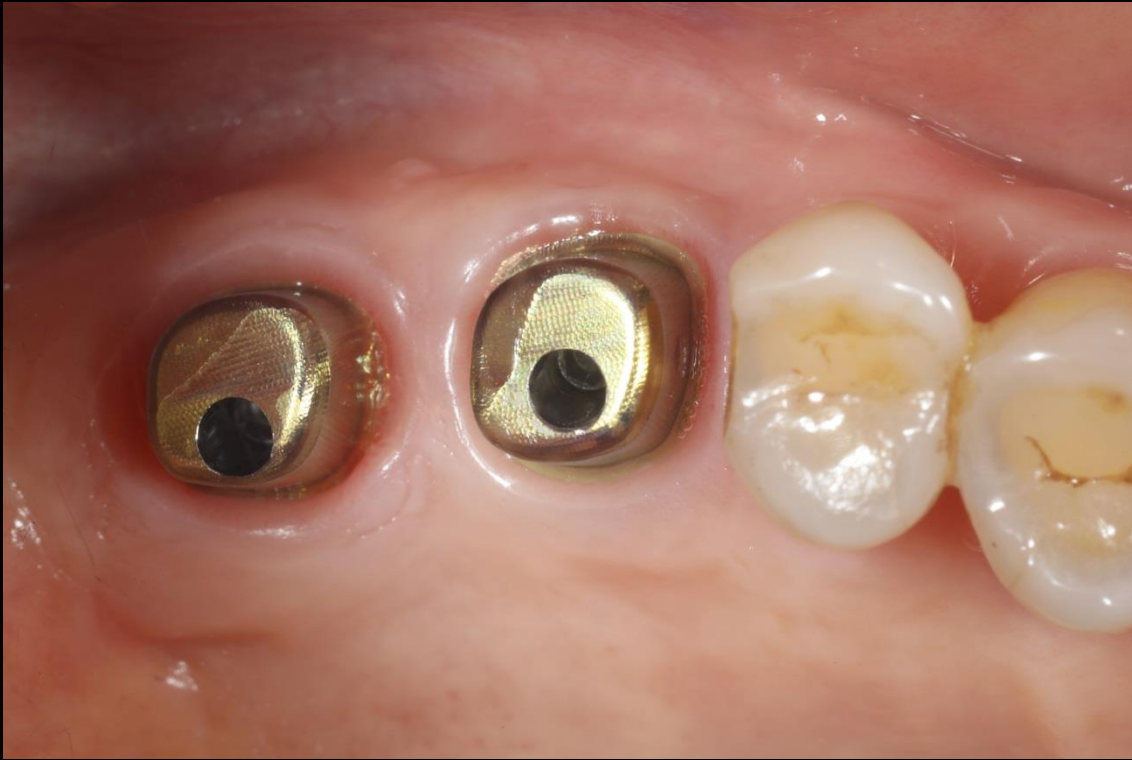
- Sinus elevation with Lateral approach



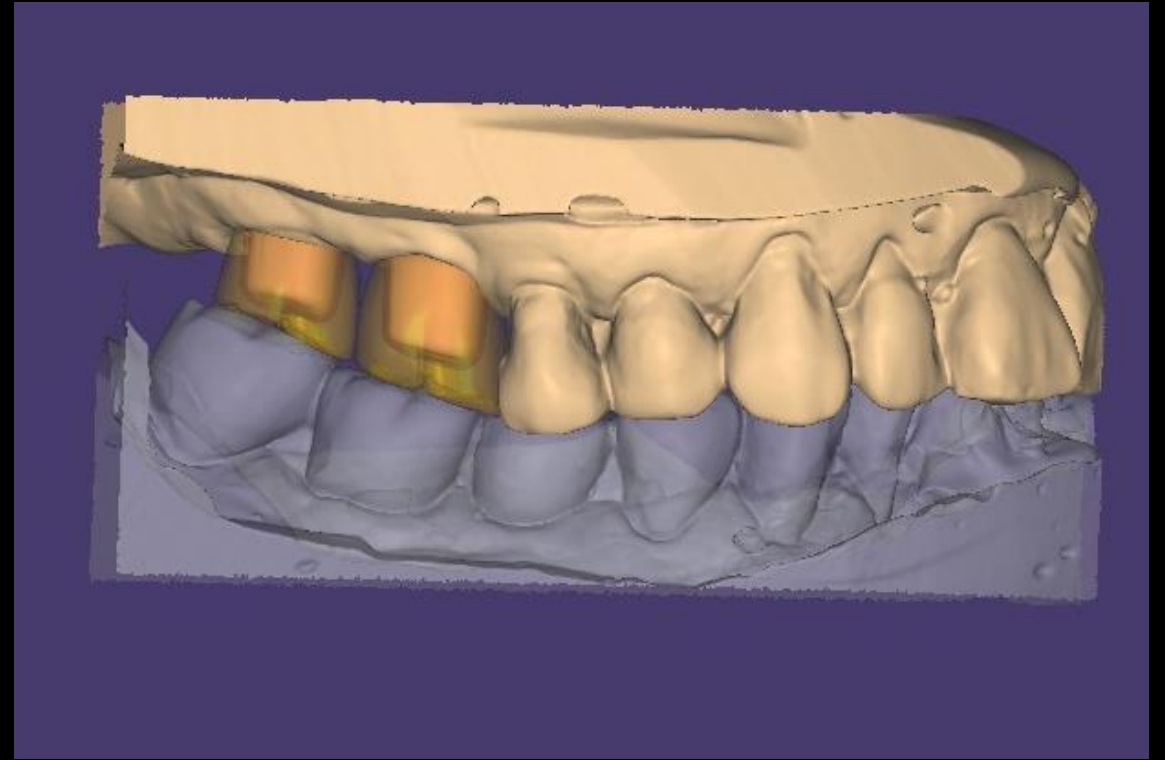
Provisional restoration

Similar case presentation (2)

- Sinus elevation with Lateral approach



Impression



CAD (Final prosthesis)

Similar case presentation (2)

- Sinus elevation with Lateral approach



Final prosthesis
(2019-05-09)

Similar case presentation (2)

- Sinus elevation with Lateral approach



Follow up : 1 year (2020-05-27)