



LIVE Surgery

Dr. Lee Seung-keun

2020.06.05 (Fri.)



[Case Preview]

Early Implant placement in the Esthetic Zone

Patient Information

Age : 75y

Sex : Male

Chief Complaint

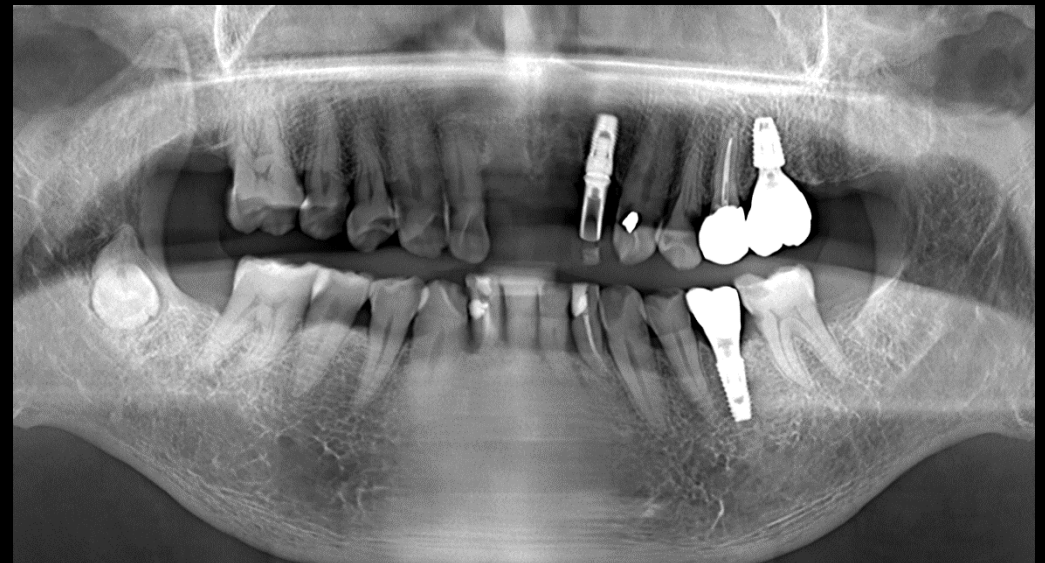
: "I want an implant surgery consultation"

Past Medical History

: N/S

Past Dental History

: Extraction #11,#21 (2020.02.25)

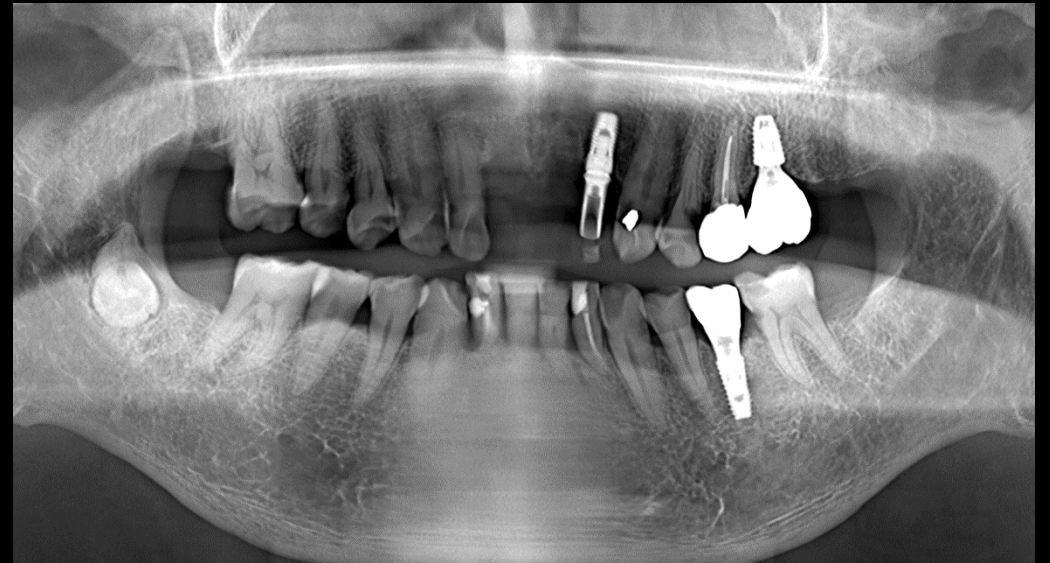


Patient Information



Surgery Plan

- #11 Implant placement
- #21 GBR with Tunneling Technique (OSTEON™ 3 Collagen)



Photo

Oral exam (2020-02-25)



Pt. Lee (75y/M)

Oral exam (2020-02-15)



rainbow 3D Viewer 1.1.0 MPR CROSS VIRTUAL CEPH TMJ REPORT

Patient Information

View Control

Open

Project

Save

Settings

Endo

Layout

Annotation

Measurement

Capture Group

Transfer function

Reset

Viewport

Annotation

Curve Info

W 80mm

I 1.0mm

T 1.0mm

5

L

B

A

R

L

P

CSLine

1 9

Dentium
For Dentists By Dentists

The screenshot displays the rainbow 3D Viewer 1.1.0 software interface. The main window is divided into several panels. On the left is a vertical toolbar with various icons for file operations (Open, Project, Save), settings, and viewing controls (Endo, Layout, Annotation, Measurement, Capture Group, Transfer function, Reset, Viewport, Annotation). The top of the interface shows the current view mode as 'CROSS' and the active window as 'VIRTUAL CEPH'. The central area features a large circular cross-section of a patient's skull, with several colored curves (yellow, green, blue) overlaid on the dental arches. A coordinate system with axes labeled A, R, L, and P is visible in the bottom right of this view. To the right of the main view is a 'VIRTUAL CEPH' window showing a lateral cephalometric radiograph. At the bottom left, there is a smaller view of a panoramic radiograph. The bottom of the interface includes a 'Dentium' logo and the tagline 'For Dentists By Dentists'. The top right corner of the window shows standard window controls and a page number '5'.

rainbow 3D Viewer 1.1.0 MPR CROSS VIRTUAL CEPH TMJ REPORT

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CSLine

1 9

Dentium
For Dentists By Dentists

The screenshot displays the rainbow 3D Viewer interface. The main window is divided into several sections. On the left is a vertical toolbar with icons for file operations (Open, Project, Save), settings, and various analysis tools (Endo, Layout, Annotation, Measurement, Capture Group, Transfer function, Reset, Viewport, Annotation). The top of the interface shows the software name and several tabs: MPR, CROSS (highlighted in green), VIRTUAL CEPH, TMJ, and REPORT. The central area is split into three views: a large circular cross-section of a dental arch with yellow and blue annotations and a coordinate system (A, R, L, P); a smaller axial view of the dental arch below it; and a large virtual cephalometric (side-view) image on the right. A 'Curve Info' panel on the right shows parameters: W 80mm, I 1.0mm, and T 1.0mm. A 'CSLine' checkbox is visible near the bottom of the main view. The bottom left corner features the Dentium logo and tagline 'For Dentists By Dentists'. The bottom center has a small scale bar with '1' and '9' markers. The top right corner shows window control icons and the number '5'. The right edge of the main view has a vertical axis labeled 'B'.

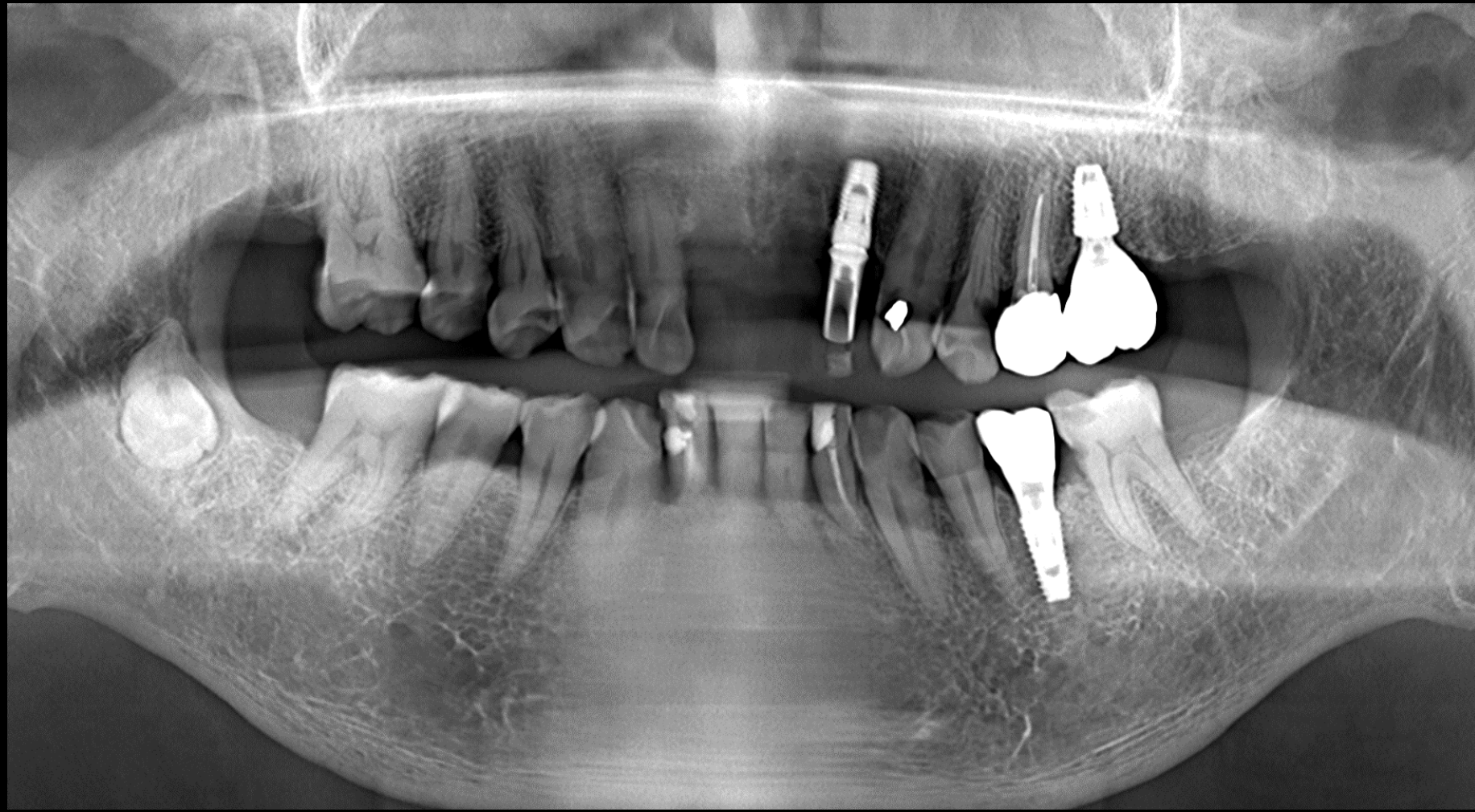
Photo

#11,21 Extraction (2020-02-25)



Pt. Lee (75y/M)

Pre-op (2020-05-02)



rainbow 3D Viewer 1.1.0 MPR CROSS VIRTUAL CEPH TMJ REPORT

Patient Information

View Control

Open

Project

Save

Settings

Endo

Layout

Annotation

Measurement

Capture Group

Transfer function

Reset

Viewport

Annotation

Curve Info

W 80mm

I 1.0mm

T 1.0mm

5

B

A

L

R

P

CSLine

1 9

Dentium
For Dentists By Dentists

The screenshot displays the 'rainbow 3D Viewer 1.1.0' software interface. The main window is divided into several panels. On the left is a vertical toolbar with icons for 'Open', 'Project', 'Save', 'Settings', 'Endo', 'Layout', 'Annotation', 'Measurement', 'Capture Group', 'Transfer function', and 'Reset'. The top of the interface shows the current view mode as 'CROSS' and the active tab as 'VIRTUAL CEPH'. The central area features a large circular cross-section of a skull with yellow and blue lines tracing anatomical paths. A 'Curve Info' panel on the right shows parameters: W 80mm, I 1.0mm, and T 1.0mm. Below the main view is a smaller rectangular window showing a panoramic radiograph of the teeth. The bottom right corner of the main view shows a coordinate system with axes labeled A, L, R, and P. The bottom left corner has a 'Dentium' logo and the text 'For Dentists By Dentists'. The bottom center shows a small bar with '1' and '9'. The top right corner of the window has standard window controls and a page number '5'. The right edge of the window has a vertical label 'B'.

rainbow 3D Viewer 1.1.0 MPR CROSS VIRTUAL CEPH TMJ REPORT

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Measurement

Capture Group

Transfer function

Reset

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Curve Info

W 80mm

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T 1.0mm

CSLine

1 9

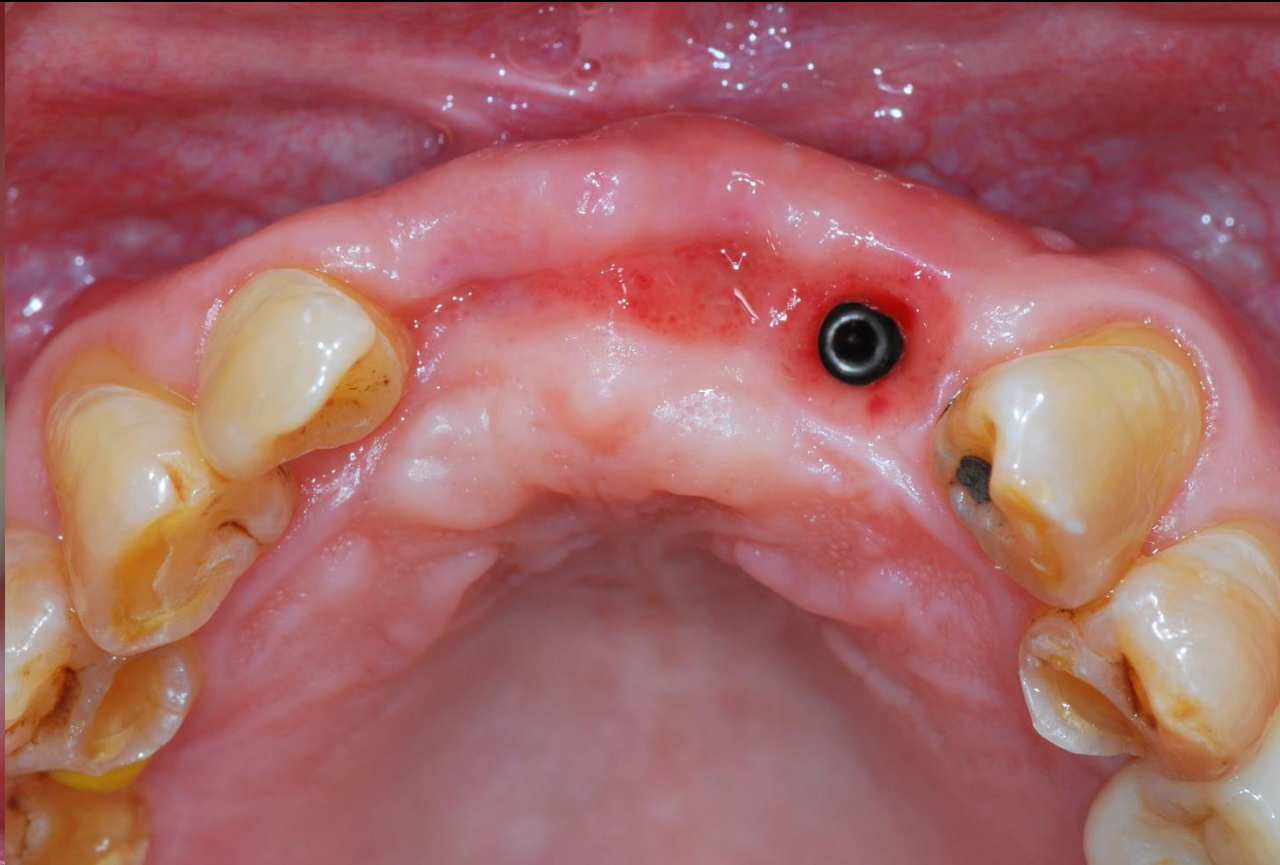
Photo

Healing : 2 months (2020-05-02)



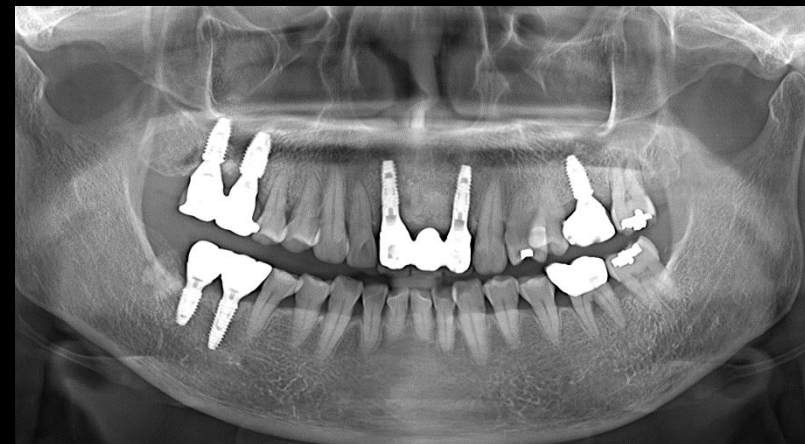
Photo

Healing : 2 months (2020-05-02)



Similar case presentation

- Tunneling technique using OSTEON™ 3 Block



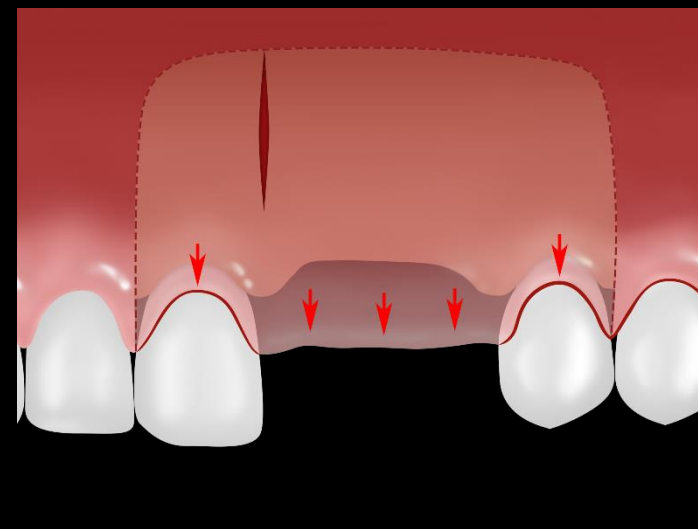
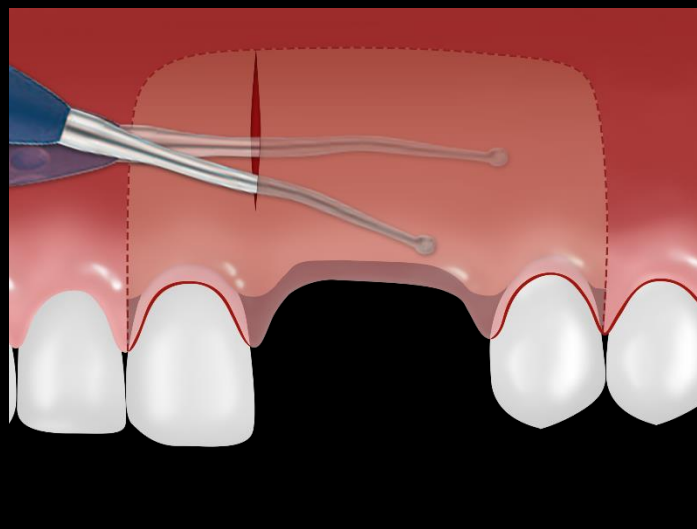
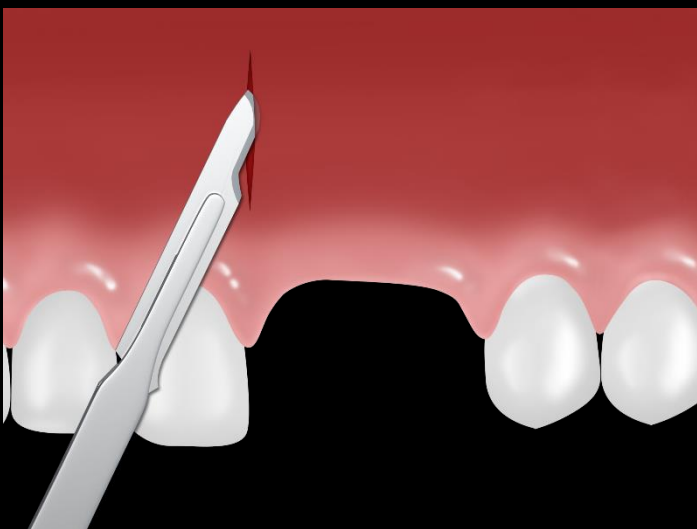
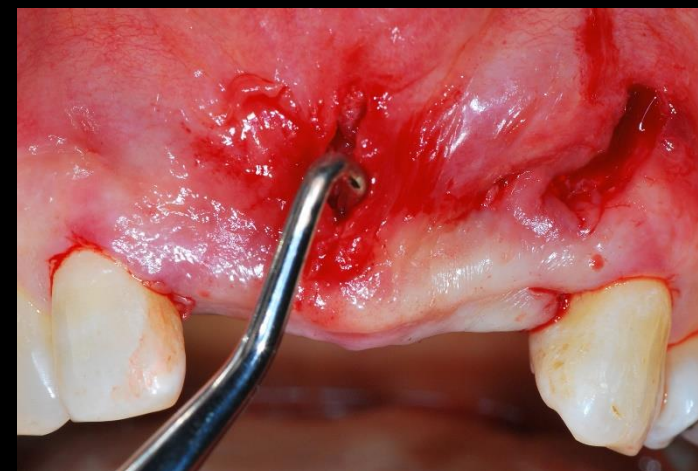
Pre-op



Final prosthesis

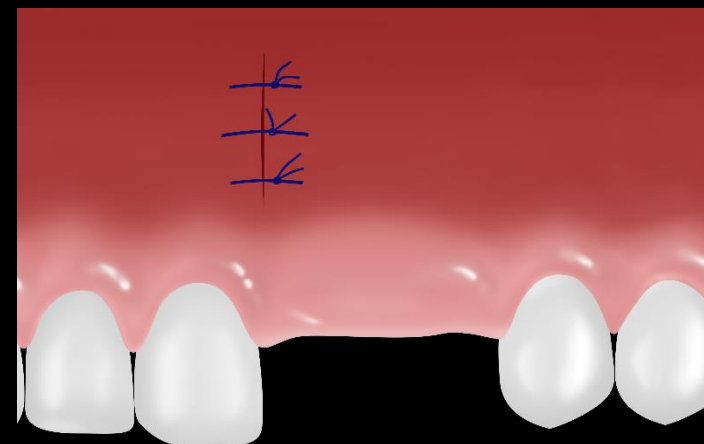
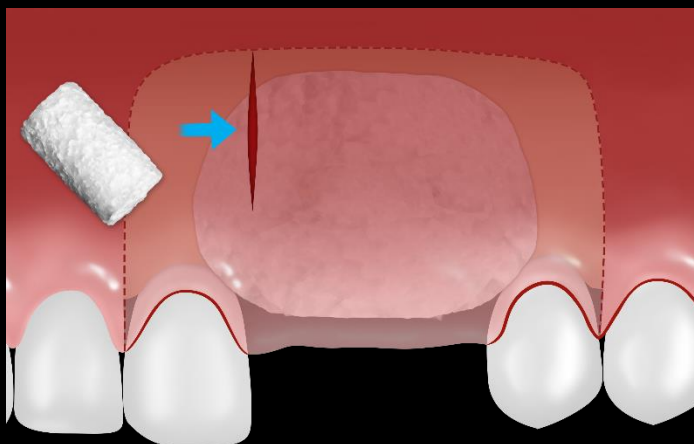
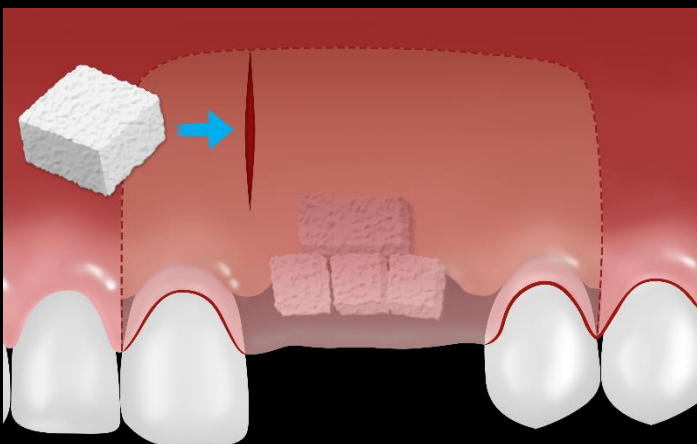
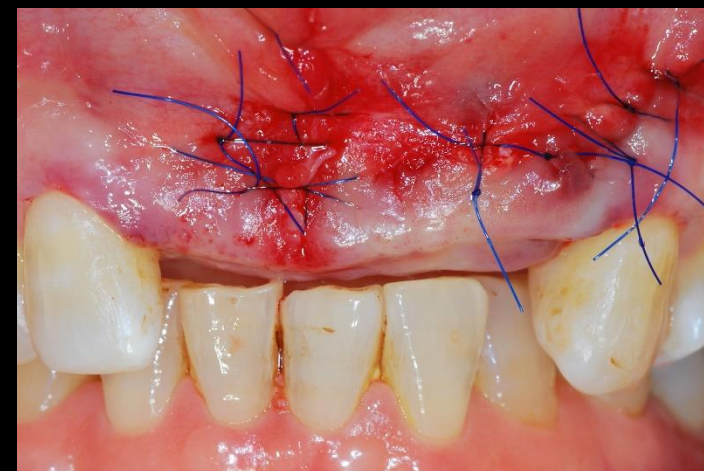
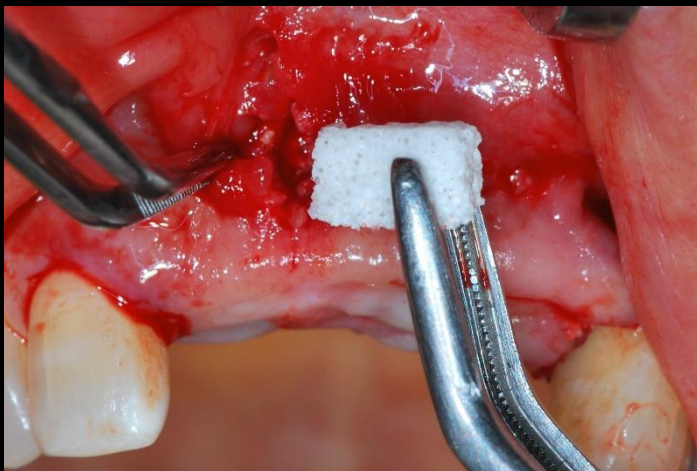
Similar case presentation

- Tunneling technique using OSTEON™ 3 Block



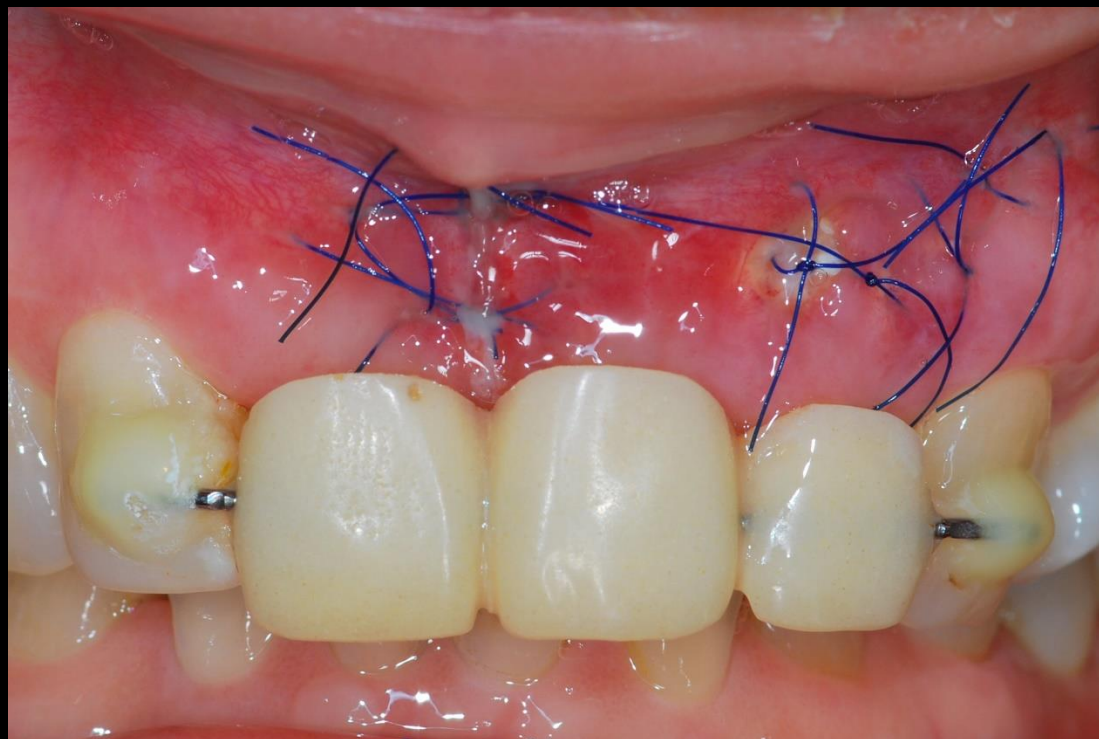
Similar case presentation

- Tunneling technique using OSTEON™ 3 Block



Similar case presentation

- Tunneling technique using OSTEON™ 3 Block



Healing : 2 weeks
(2019-01-18)

Similar case presentation

- Tunneling technique using OSTEON™ 3 Block



Healing : 3 months / Second stage surgery
(2019-04-19)

Similar case presentation

- Tunneling technique using OSTEON™ 3 Block



Customized abutment
(2019-07-12)



Temporary
(2019-07-12)

Similar case presentation

- Tunneling technique using OSTEON™ 3 Block

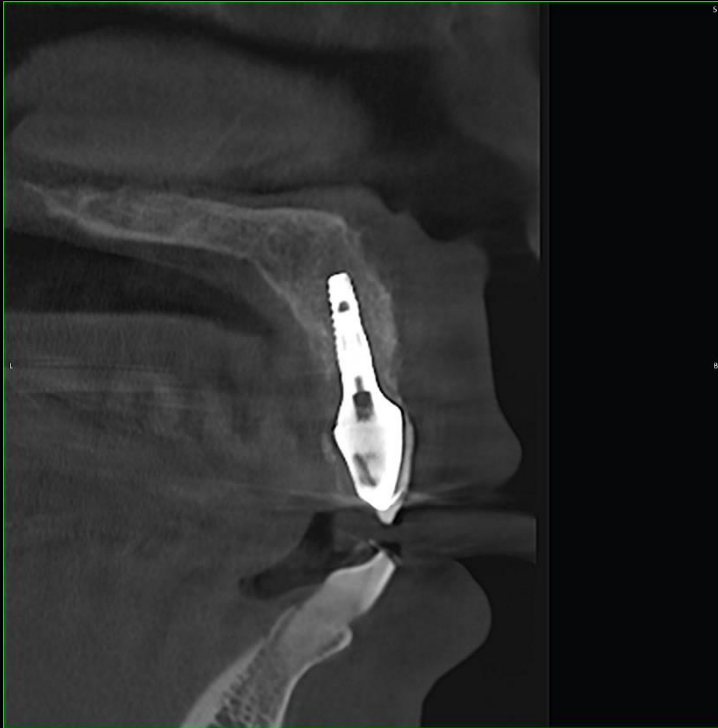


Final prosthesis
(2019-09-09)

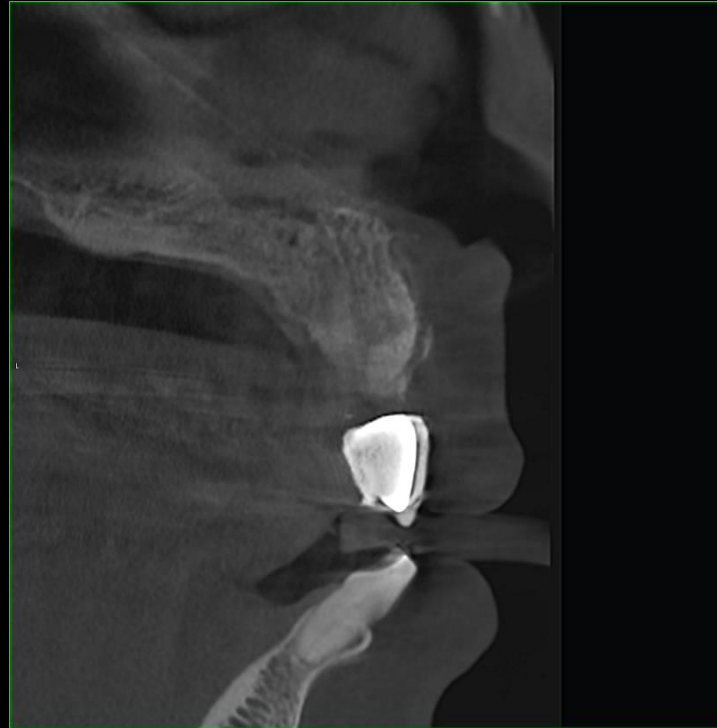
Similar case presentation

- Tunneling technique using OSTEON™ 3 Block

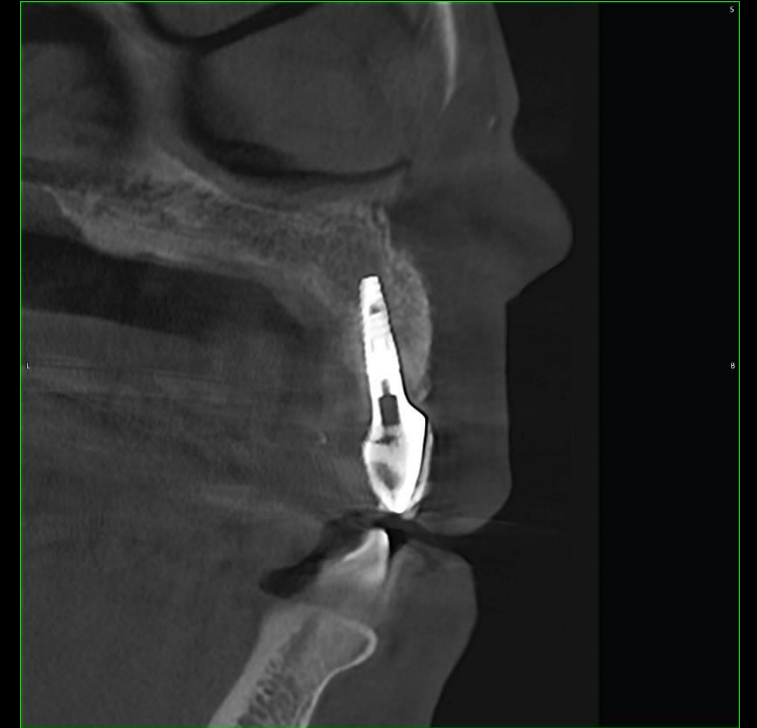
#11



#21



#22



Final prosthesis
(2019-09-09)