



LIVE Surgery

Dr. Kang-Hee Lee

2020.08.14 (Fri.)



[Case Preview]

Ridge split tech.

Let's make real bone Faster & Stronger!!

Patient Information

Age : 64

Sex : Female

Chief Complaint

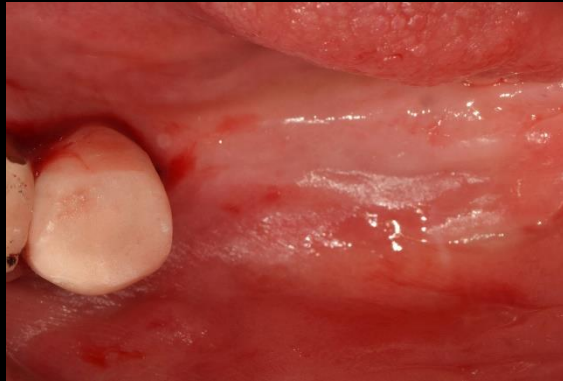
: I have a place to do implants

Past Medical History

: N/S

Past Dental History

: N/S



Patient Information

Treatment Plan

- 1 Full thickness flap formation
- 2 Ridge splitting on #36, 37
- 3 SuperLine 4510 or 5010 installation
- 4 GBR using OSTEON™ 3 Collagen

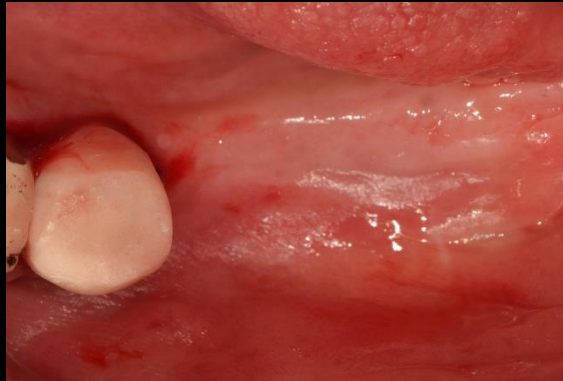


Photo (Pre-op)



Pt. BYS (64/Female)

Pre-op (2020-07-14)



Pt. BYS (64/Female)

#36

The screenshot displays the rainbow 3D Viewer 1.1.0 software interface. The main window is divided into several panels:

- MPR (Multi-Planar Reconstruction):** Shows a 3D reconstruction of the dental arch with a yellow curve and blue points. A 'Curve Info' box indicates W: 80mm, I: 1.0mm, and T: 1.0mm. A coordinate system (A, P, R, L, F) is visible at the bottom right of the MPR view.
- CROSS:** A central panel showing a cross-section of the dental arch with multiple colored lines (red, blue, green) indicating different planes or measurements.
- VIRTUAL CEPH:** A grid of 9 virtual cephalometric images, numbered 1 through 9, showing different cross-sections of the dental arch. The first image (1) is highlighted with a red border.
- TMJ (Temporomandibular Joint):** A grid of 9 TMJ images, numbered 1 through 9, showing different cross-sections of the TMJ. The first image (1) is highlighted with a red border.
- REPORT:** A grid of 9 report images, numbered 1 through 9, showing different cross-sections of the dental arch. The first image (1) is highlighted with a red border.

The left sidebar contains various controls:

- Patient Information:** Fields for patient name and ID.
- Open:** File open button.
- Project:** Project management options.
- Save:** Save button.
- Settings:** View control sliders for brightness, contrast, and zoom.
- Endo:** Endodontic tool options.
- Layout:** Window management icons.
- Annotation:** Tools for drawing lines, circles, and polygons.
- Measurement:** Tools for measuring distances and angles.
- Capture Group:** Tools for capturing and saving images.
- Transfer function:** Tools for adjusting image opacity and color.

The bottom left corner features the Dentium logo with the tagline 'For Details By Details'.

Pt. BYS (64/Female)

#37

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

Endo

Layout

Annotation

Measurement

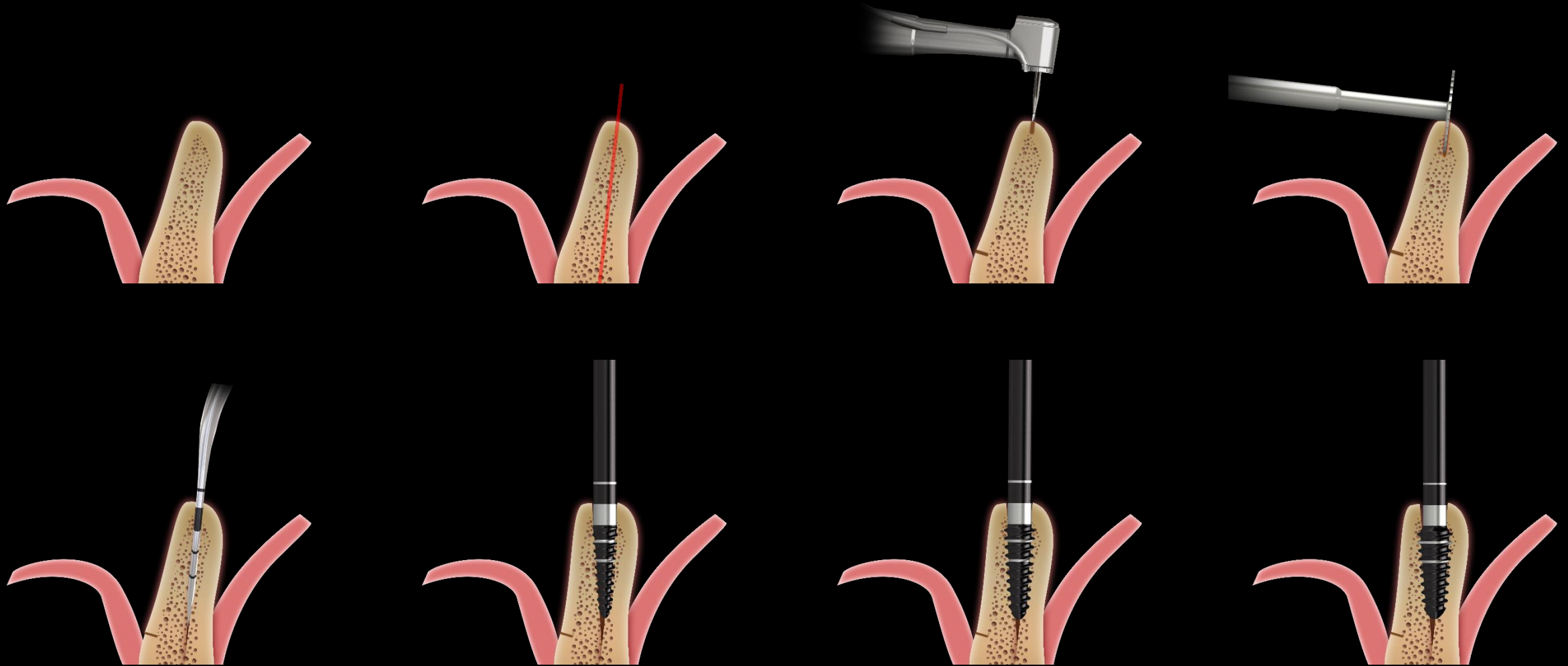
Capture Group

Transfer function

Dentium
For Details By Details

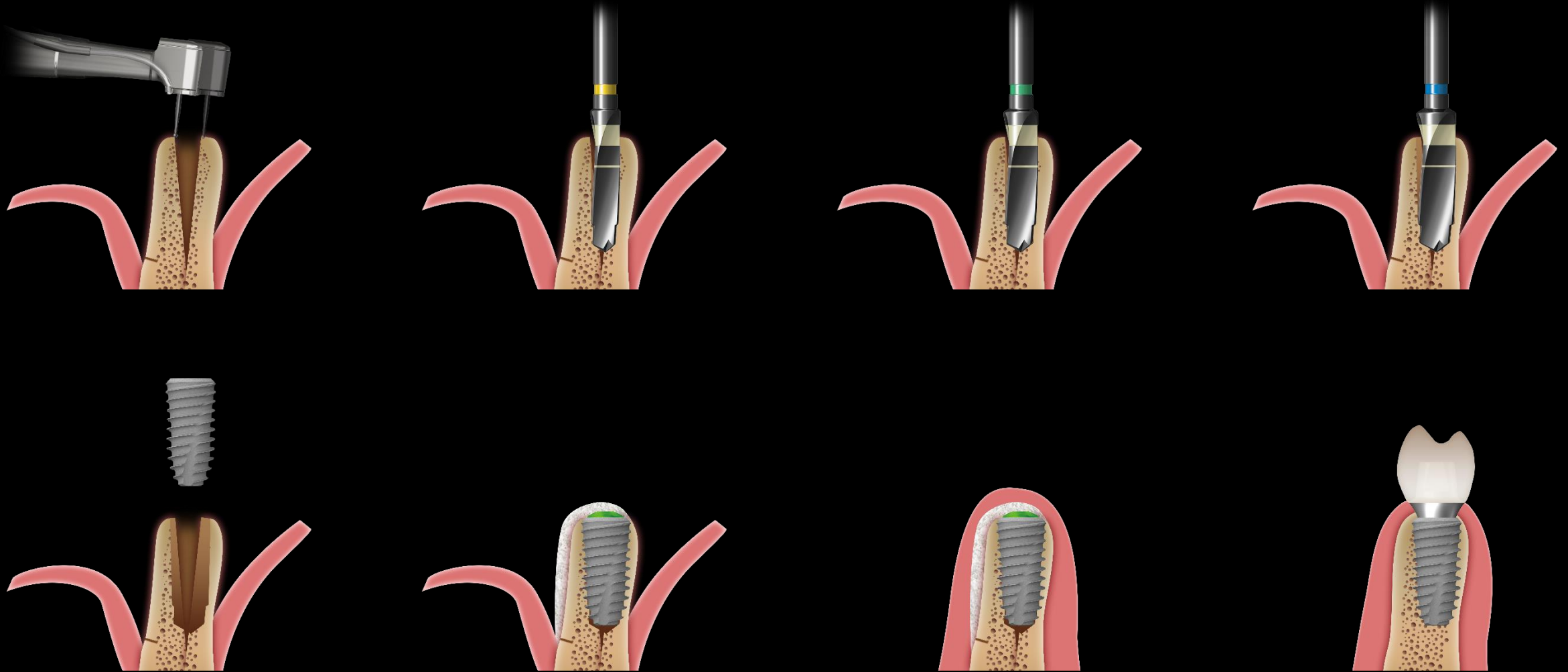
How to use

- Ridge splitting using RS Kit



How to use

- Ridge splitting using RS Kit



Similar case presentation (1)

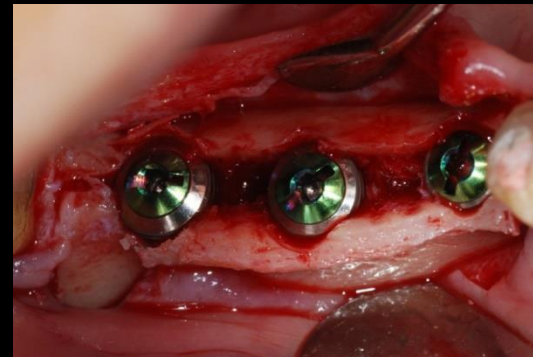
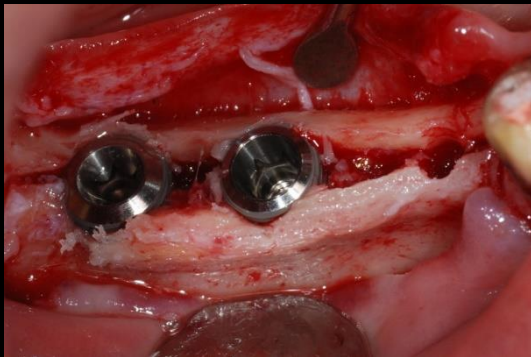
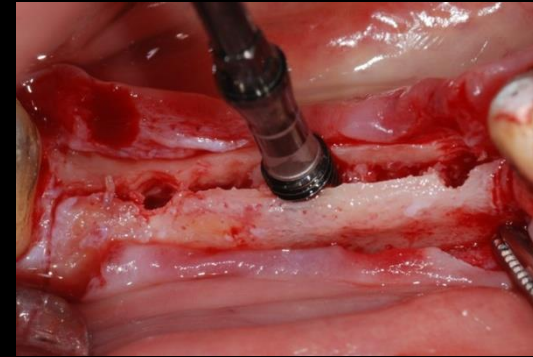
- Ridge splitting on Mandibular posterior area



Pre-op

Similar case presentation (1)

- Ridge splitting on Mandibular posterior area



Surgery

Similar case presentation (1)

- Ridge splitting on Mandibular posterior area



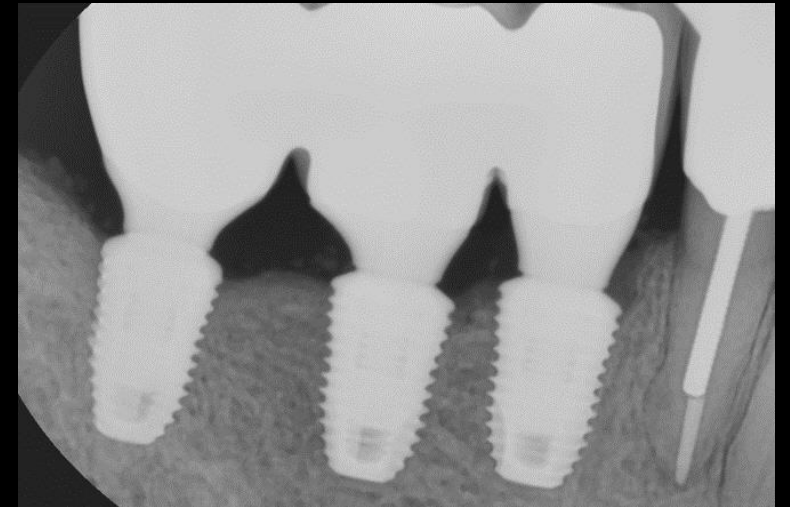
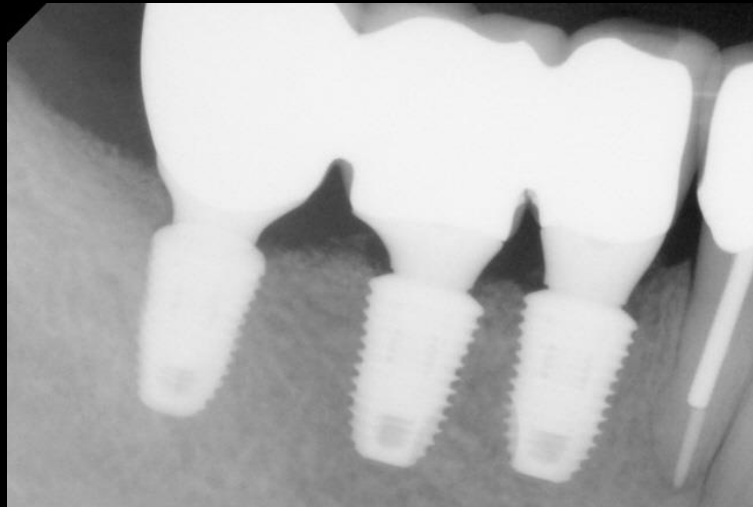
Healing

Similar case presentation (1)

- Ridge splitting on Mandibular posterior area



Final prosthesis



Follow up : 5 years

Similar case presentation (2)

- Ridge splitting on Mandibular posterior area



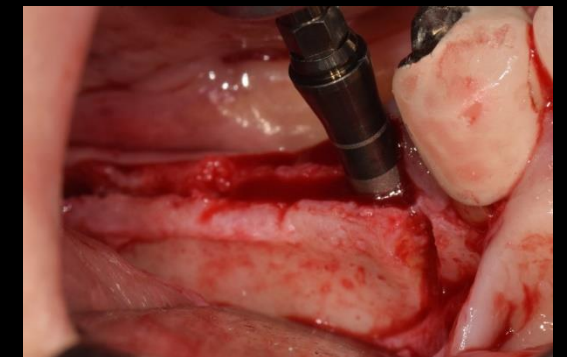
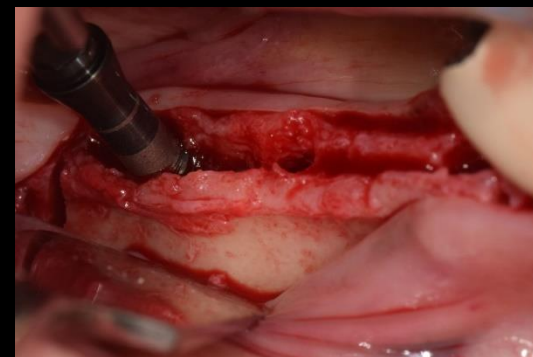
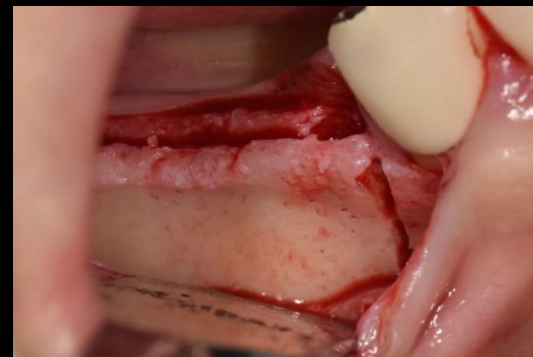
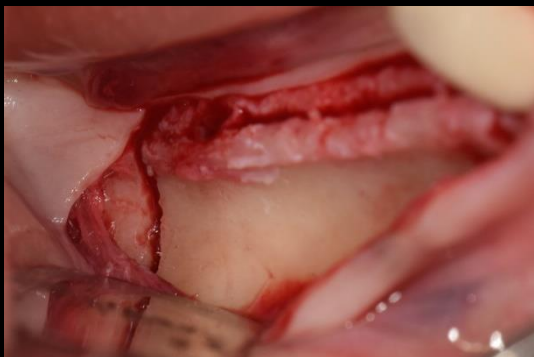
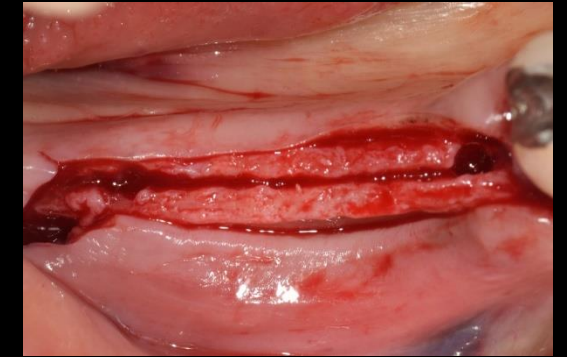
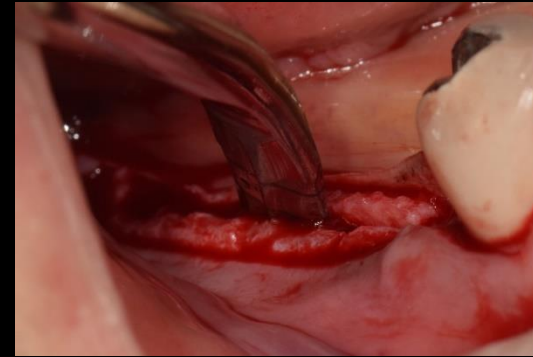
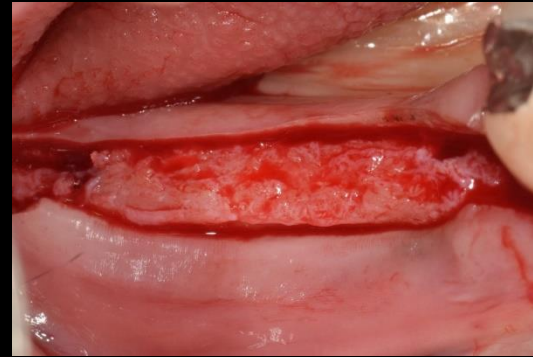
Pre-op



Final prosthesis

Similar case presentation (2)

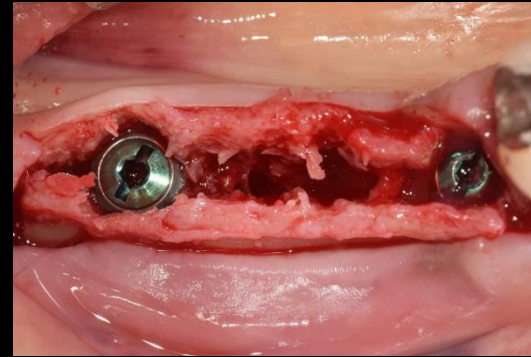
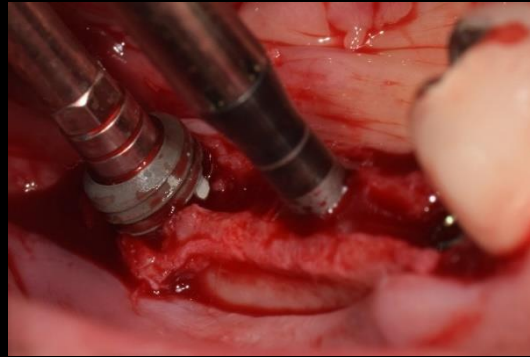
- Ridge splitting on Mandibular posterior area



Surgery

Similar case presentation (2)

- Ridge splitting on Mandibular posterior area



Surgery

Similar case presentation (2)

- Ridge splitting on Mandibular posterior area



Post-op



Final prosthesis