

FOLIO



IMAGING
 REPORTING
BY CANARAY

POWERED BY
XEUOS

Referral 584125

PATIENT

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DENTIST

- Nikhil Harshad Darji
- United Smiles of Kensington, 297 Augusta Ave, Toronto, ON, M5T 2M2, CA
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PROOFREAD AND SIGNED OUT BY



- Edwin Chang
- BSc, DDS, MSc (Oral Radiology), FRCD(C), Dip. ABOMR
- Case initiated 08 October 2024
- Case completed 18 October 2024

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Referral details

REFERRAL SUMMARY

3D photo	Trios Mx	Trios Mn
Implant CBCT	+ Full arch scan	11
12	13	14
21	22	23
28	31	32
37	38	41
46	47	48

REPORT SUMMARY / CONCLUSION

- Generalized periodontal bone loss + multifocal caries + inflammatory disease
- Clear left maxillary sinus
- Mild mucosal thickening in right maxillary sinus
- Concha bullosae
- Suspected calcification of right internal carotid artery
- Left palatine tonsilloliths
- No additional abnormalities noted.
- Implant Plan

Imaging details

Prescribing dentist: Gaurav Krishnamoorthy

Craniofacial CBCT scan - 08 October 2024

maxilla and mandible

- No motion artifacts.
- Mild metal artifacts.
- Fully captured region of interest.
- No graininess.
- Adequate resolution.

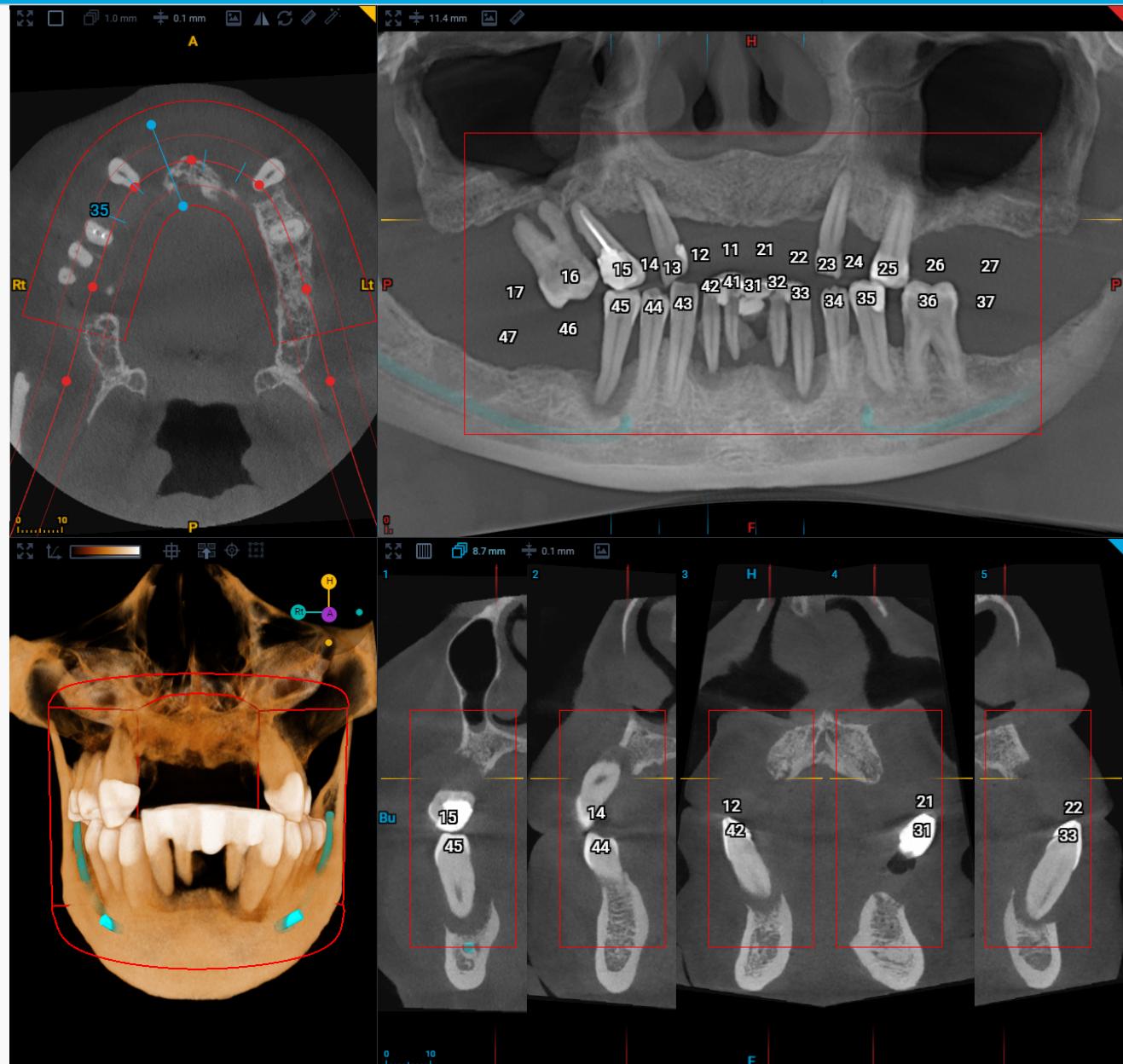
99.75 x 99.75 x 97.65 mm @ 120.0kV, 8.0mA, 20.0 s

Acquired at: Canaray Scarborough

Variants: MAR FDK

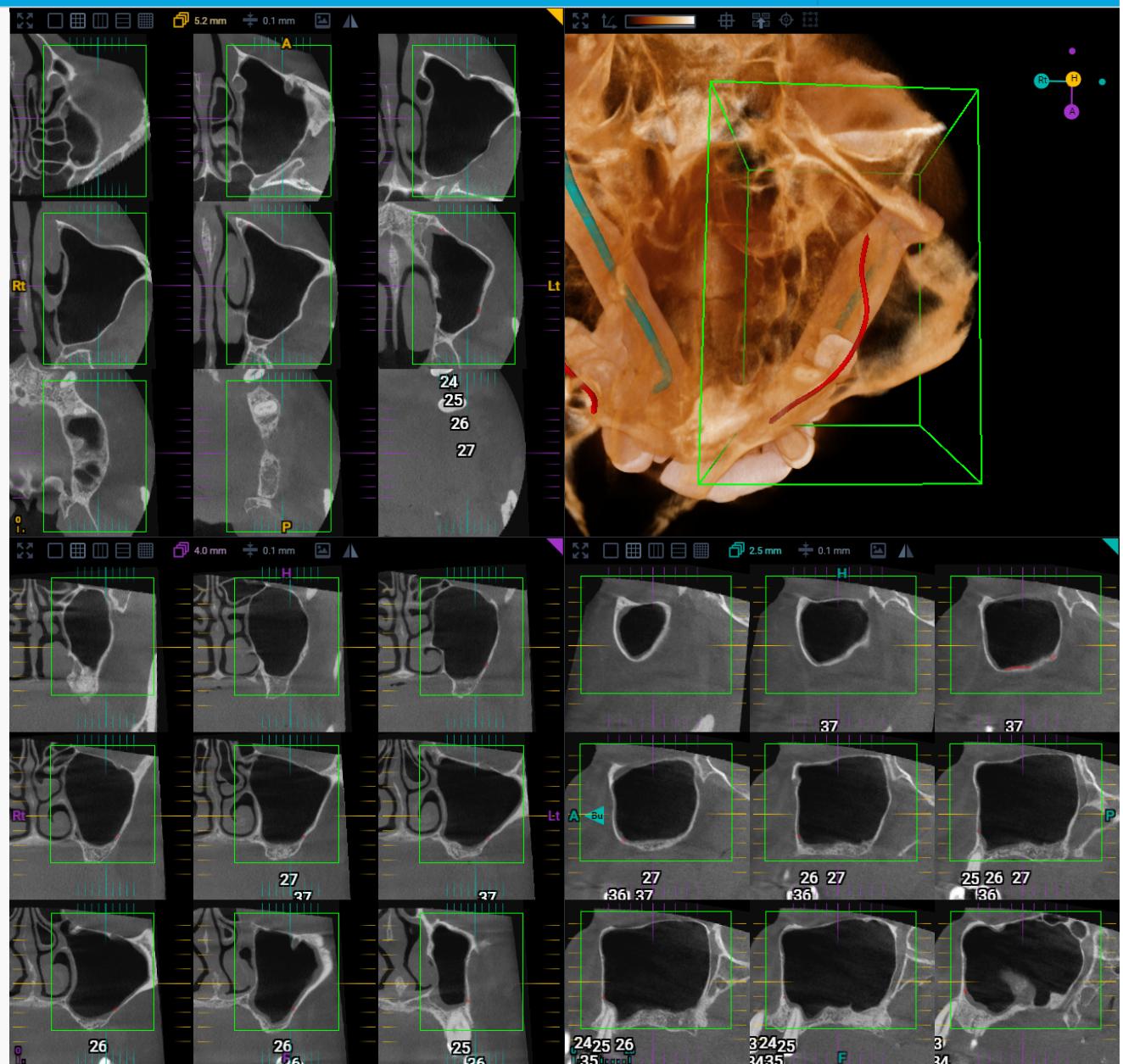
**Generalized periodontal bone loss +
multifocal caries + inflammatory
disease**

There is generalized moderate to severe horizontal bone loss involving the remaining dentition. Vertical bone loss is evident around the root circumferences of teeth 16, 15, 13, the mesial, buccal, and palatal aspects of tooth 23, and the root circumferences of teeth 33, 32, 41, 42, and 45. Caries are suspected on teeth 16M+P, 23M+D, and 36M. There is rarefying osteitis located periapical to tooth 35, and combined periodontal-endodontic bone loss is suspected around the roots of teeth 16, 15, 33, 32, 41, 42, and 45.



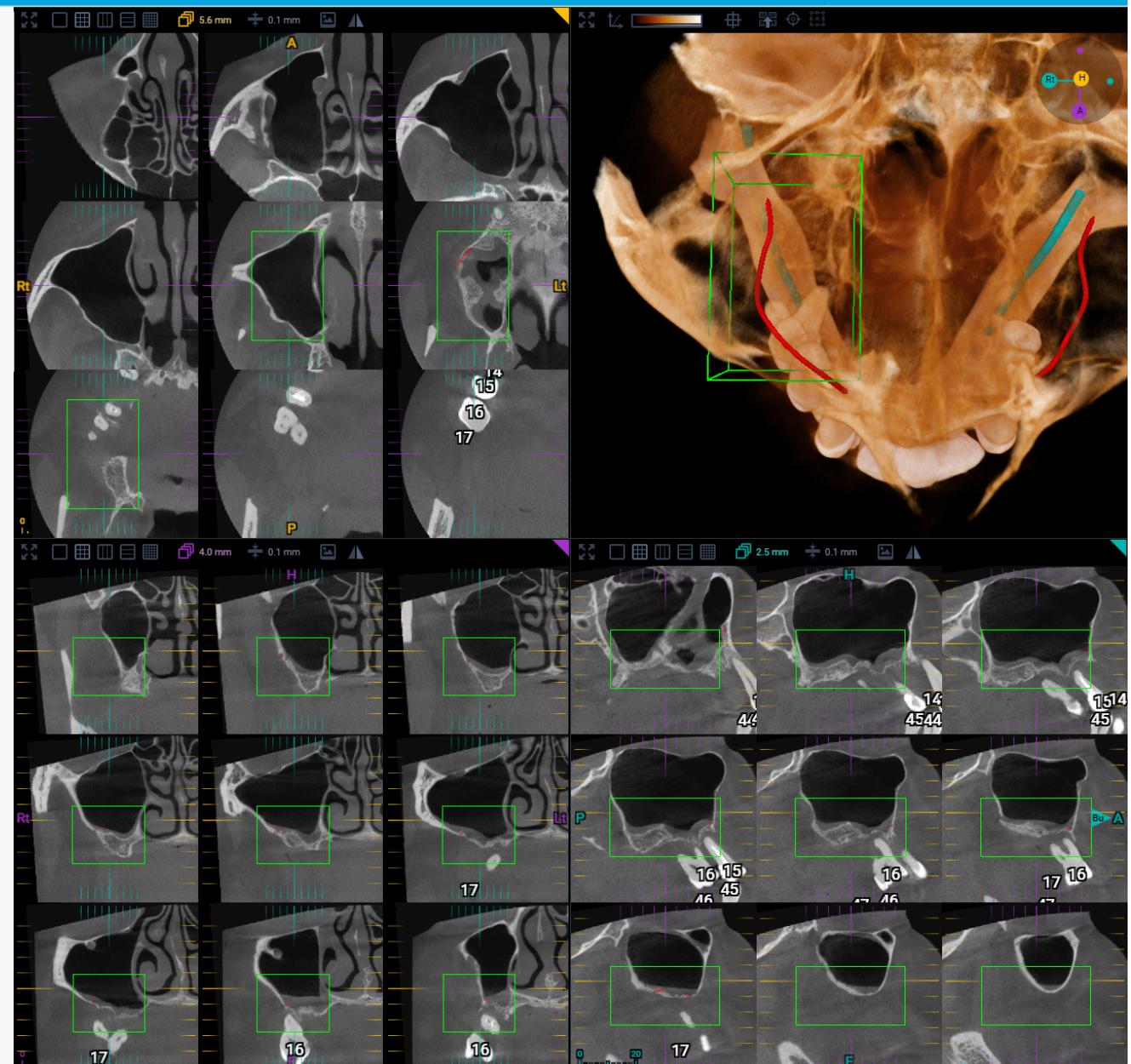
Clear left maxillary sinus

The left maxillary sinus is clear and well-aerated. The left maxillary ostium appears radiographically patent at the time of imaging. The course of the posterior superior alveolar artery is outlined in a red tracing.



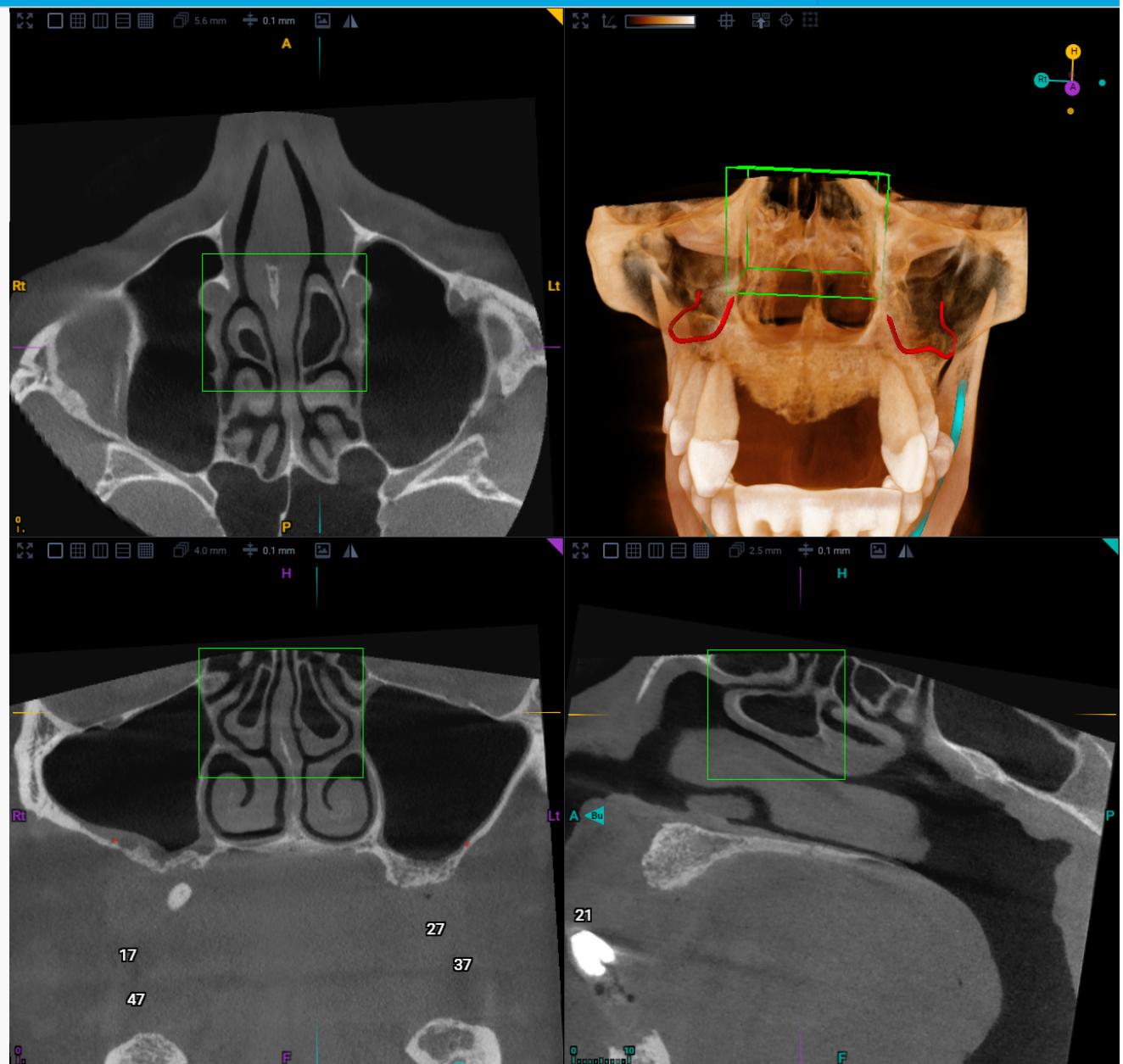
Mild mucosal thickening in right maxillary sinus

Mild mucosal thickening is evident along the floor of the right maxillary sinus, which is suggestive of mucositis. This is a common incidental finding with no clinical significance. The right maxillary ostium appears radiographically patent at the time of imaging. The course of the posterior superior alveolar artery is outlined in a red tracing.



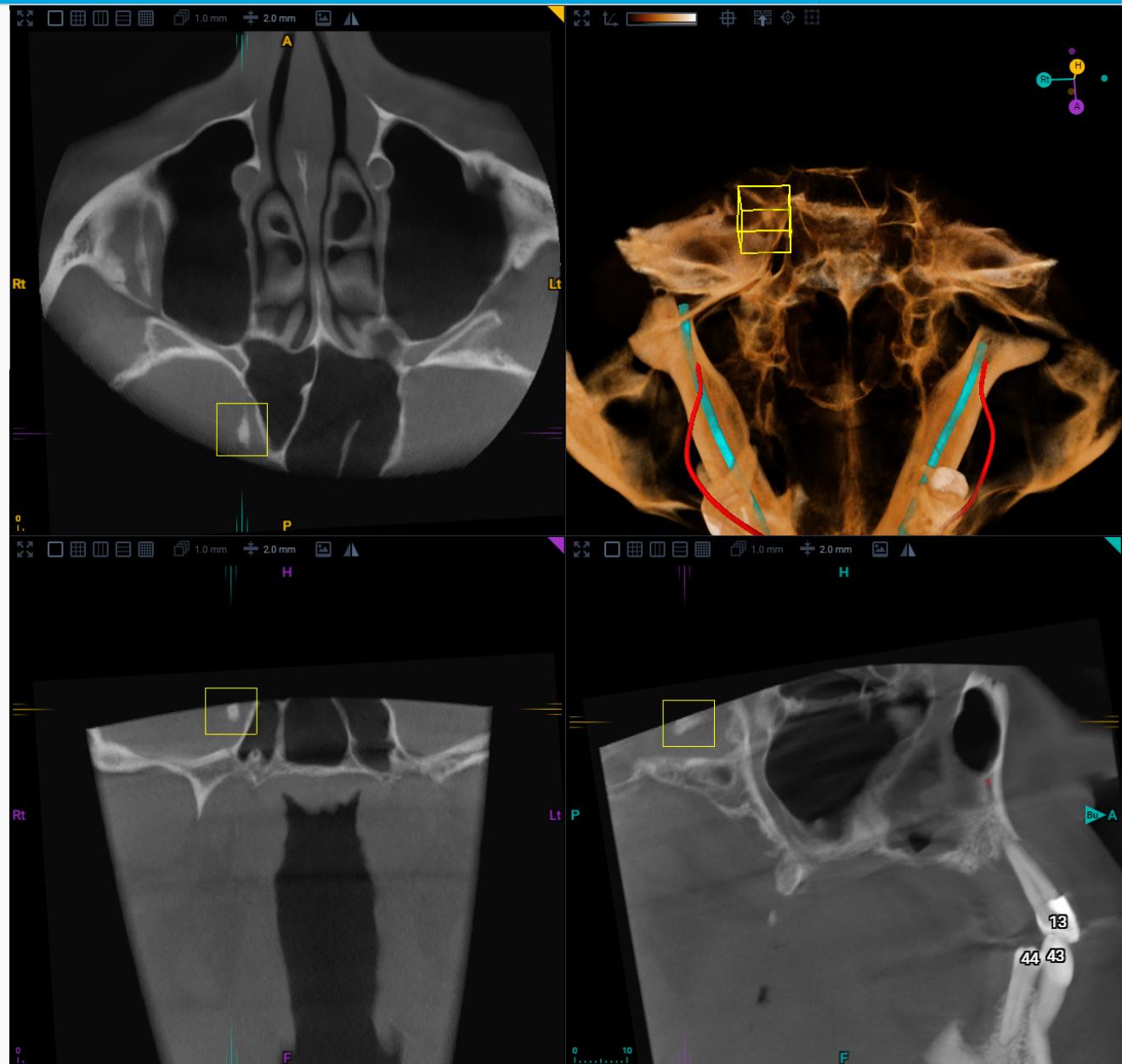
Concha bullosae

The left and right middle nasal conchae contain air. These represent concha bullosae, which is an anatomic variant.



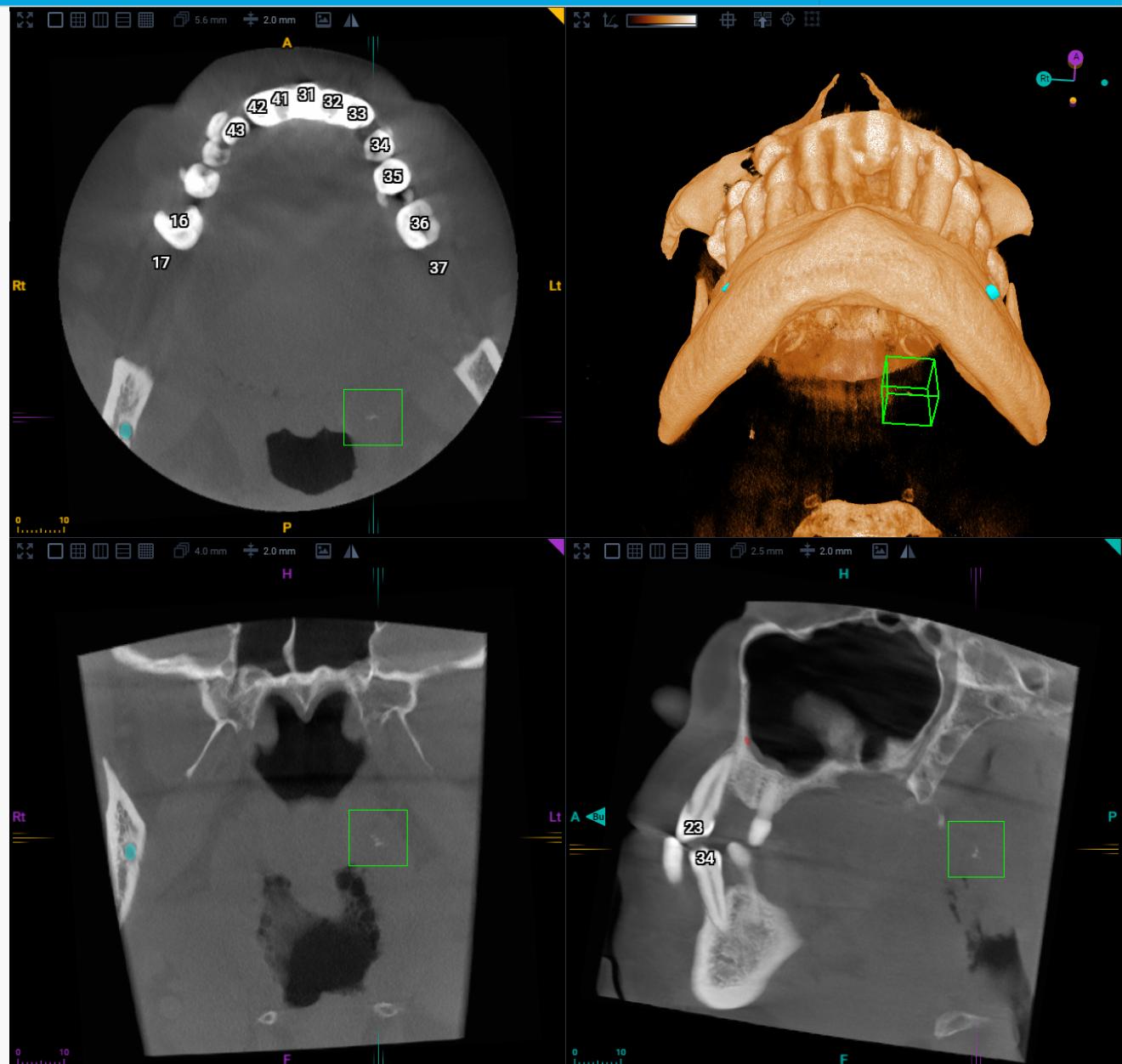
Suspected calcification of right internal carotid artery

Calcifications are suspected to be lining the wall of the cavernous segment of the right internal carotid artery, which were partially captured at the edge of the field of view. This finding may represent a sign of atherosclerosis. Further evaluation by a physician is recommended for substantiation and management.



Left palatine tonsilloliths

Tonsilloliths are present in the left palatine tonsil. This is an incidental finding with no clinical significance.



Implant 11

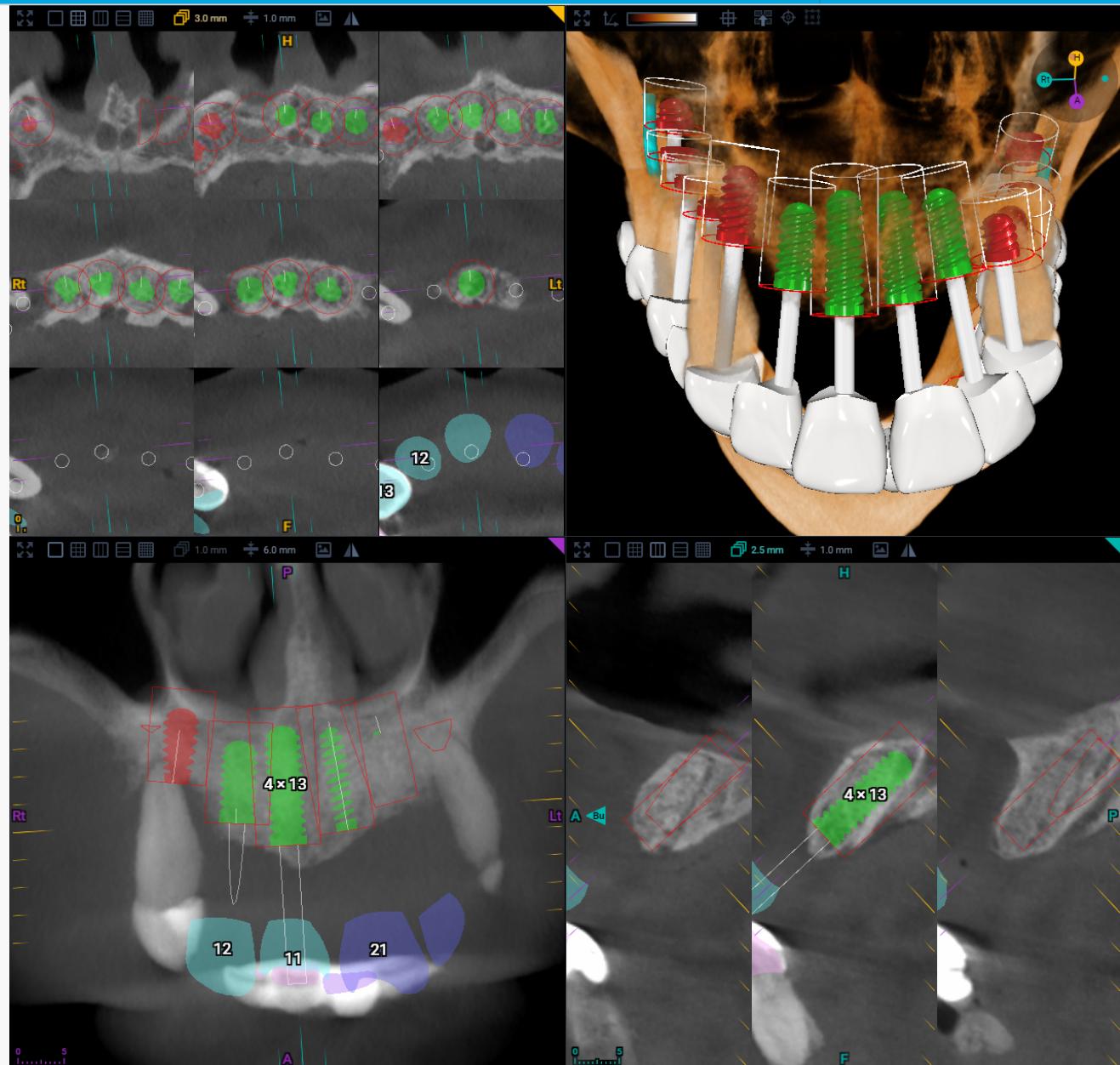
Properties

- Diameter: 4 mm @ collar
- Length: 13 mm

-
- Brand: ---
 - Model: straight
 - Platform: 4.0

Notes

✓ Barely Sufficient Bone (Misch/Judy Division B bone: 4-7mm bone width)



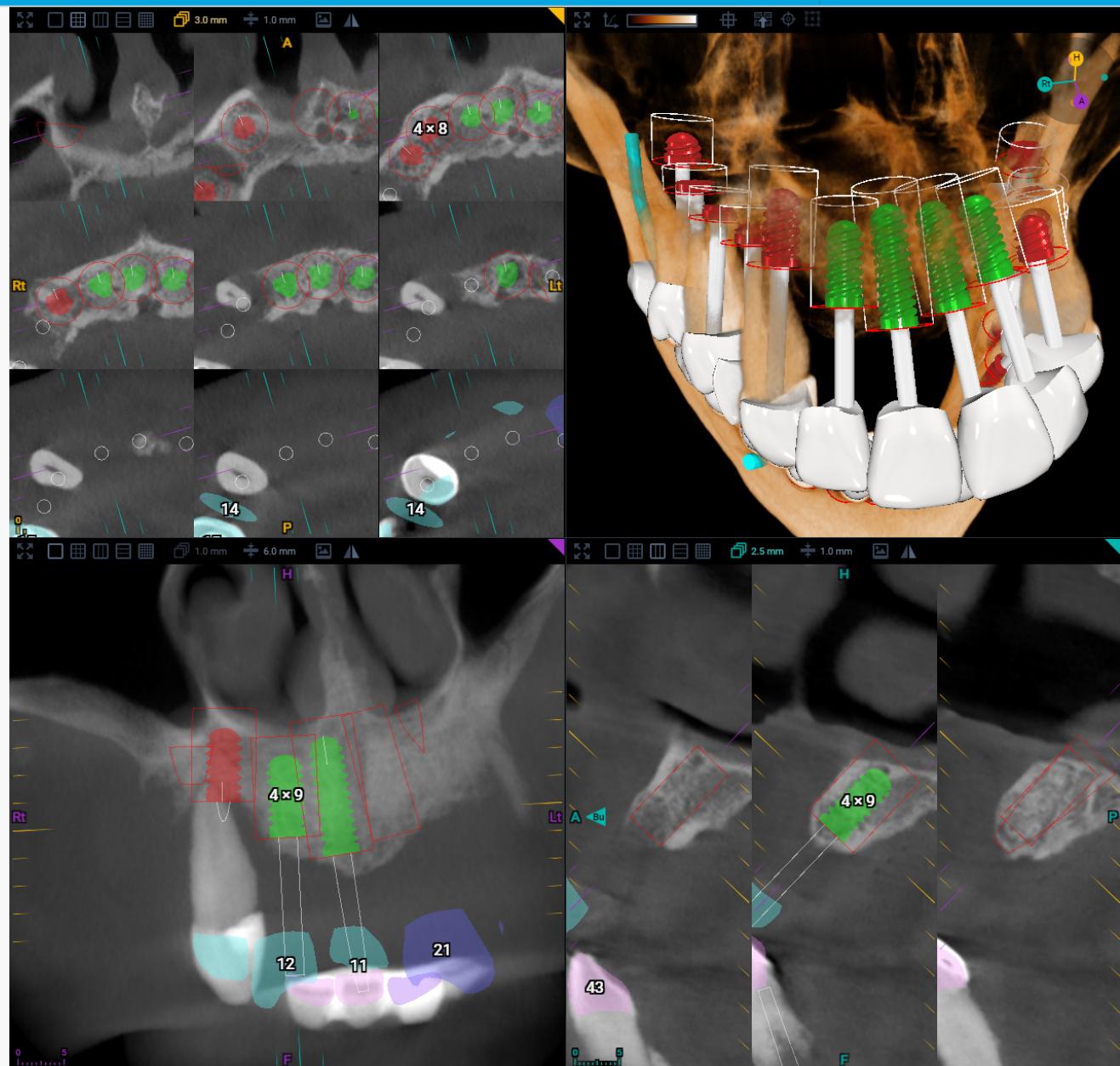
Implant 12

Properties

- Diameter: 4 mm @ collar
- Length: 9 mm
- Brand: ---
- Model: straight
- Platform: 4.0

Notes

✓ Barely Sufficient Bone (Misch/Judy Division B bone: 4-7mm bone width)



Implant 13

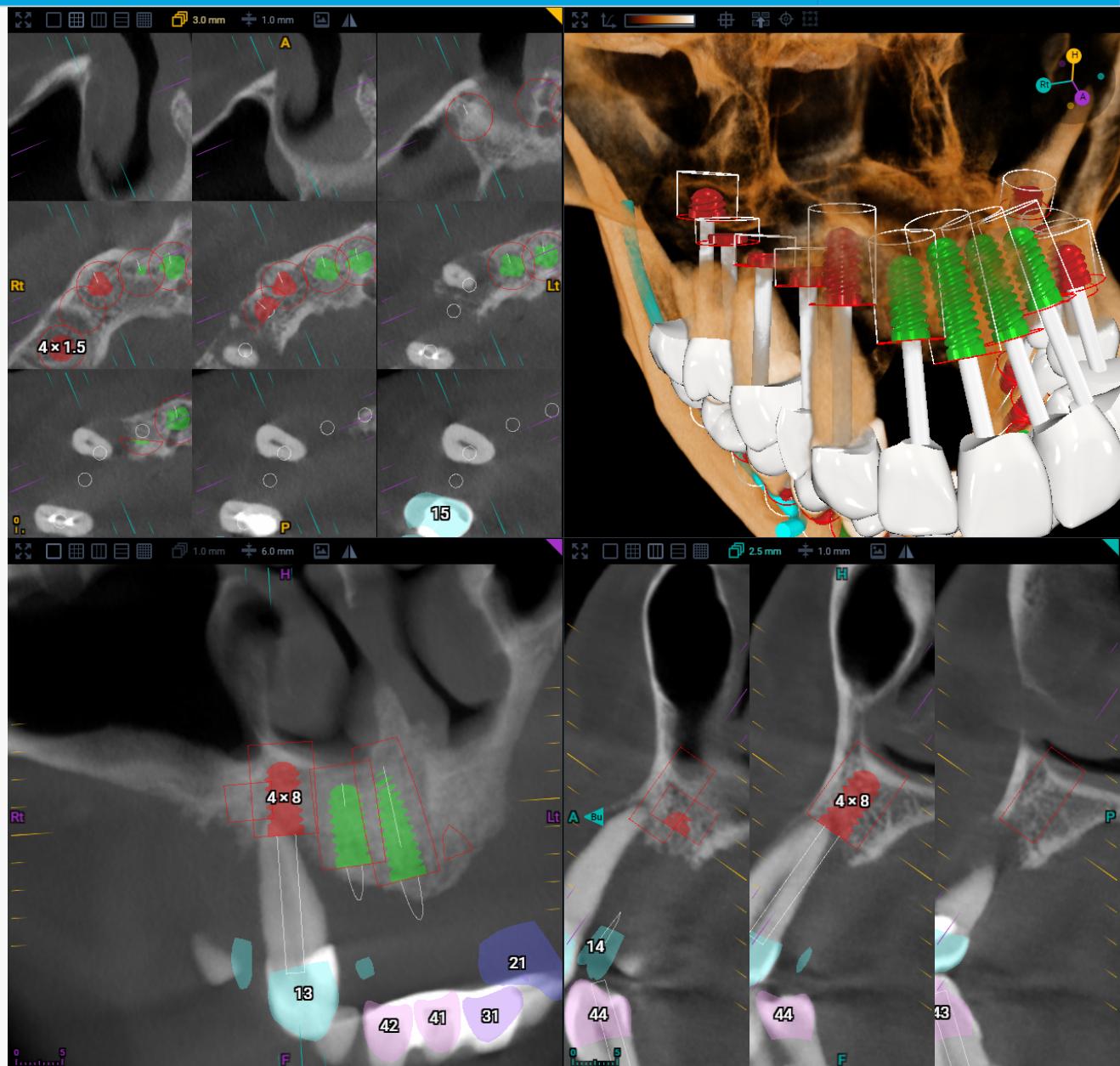
Properties

- Diameter: 4 mm @ collar
- Length: 8 mm

- Brand: ---
- Model: straight
- Platform: 4.0

Notes

❗ Osseous defect present at this site



Implant 14

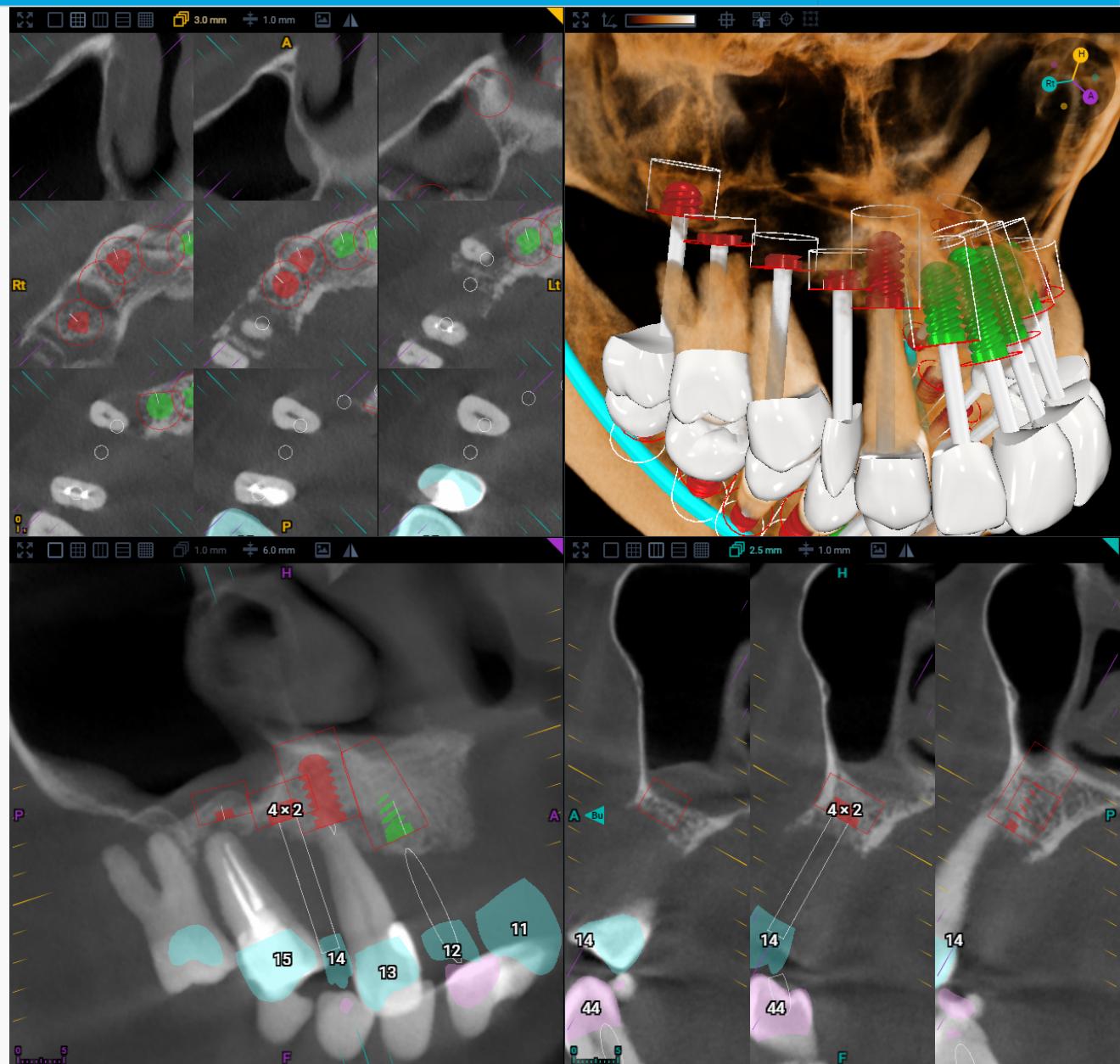
Properties

- Diameter: 4 mm @ collar
- Length: 2 mm

- Brand: ---
- Model: straight
- Platform: 4.0

Notes

❗ Osseous defect present at this site



Implant 15

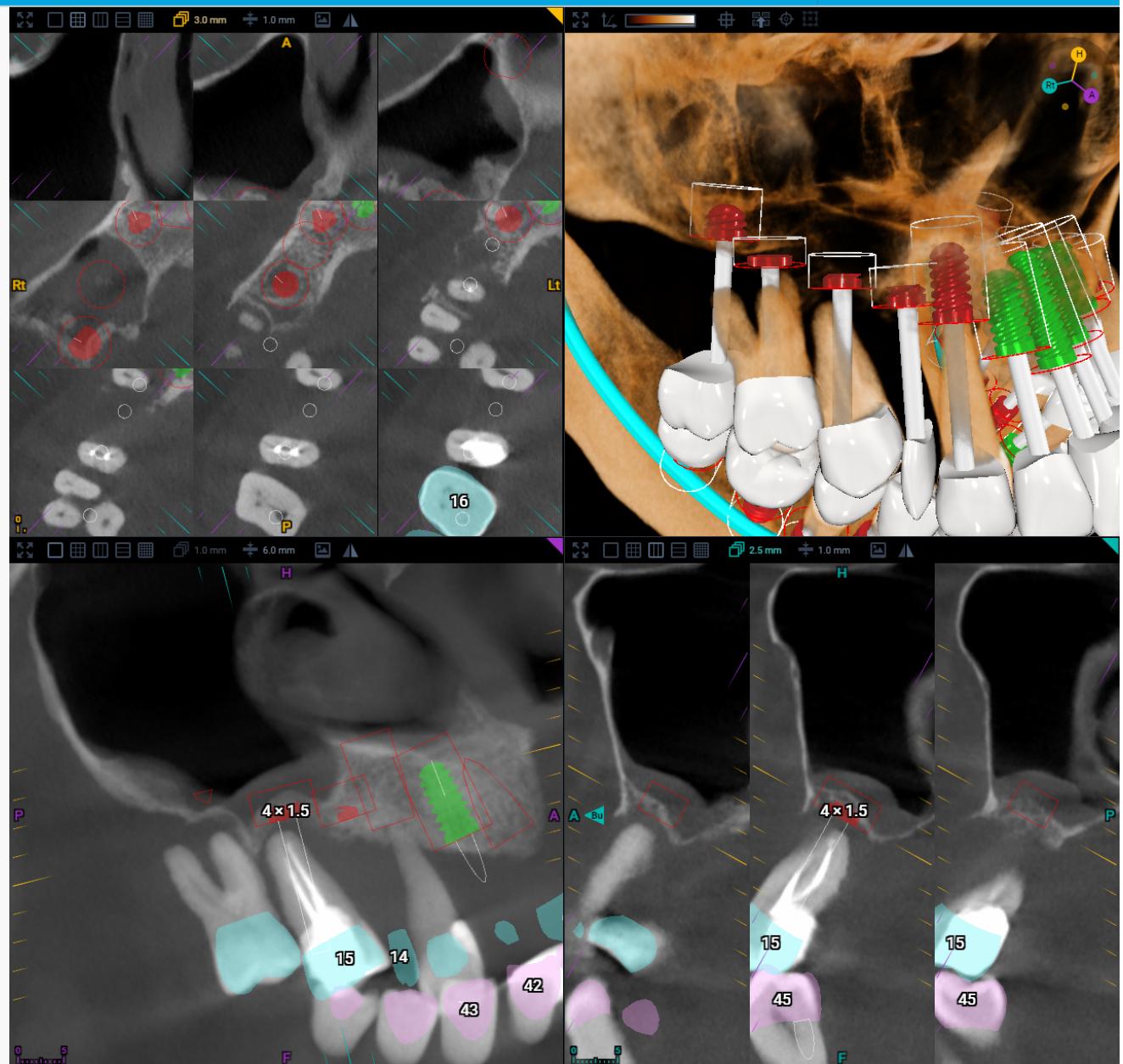
Properties

- Diameter: 4 mm @ collar
- Length: 1.5 mm

- Brand: ---
- Model: straight
- Platform: 4.0

Notes

- ❗ Osseous defect present at this site
- ❗ Compromised Bone Height
(Misch/Judy Division C-h bone: less than 8mm height available)



Implant 16

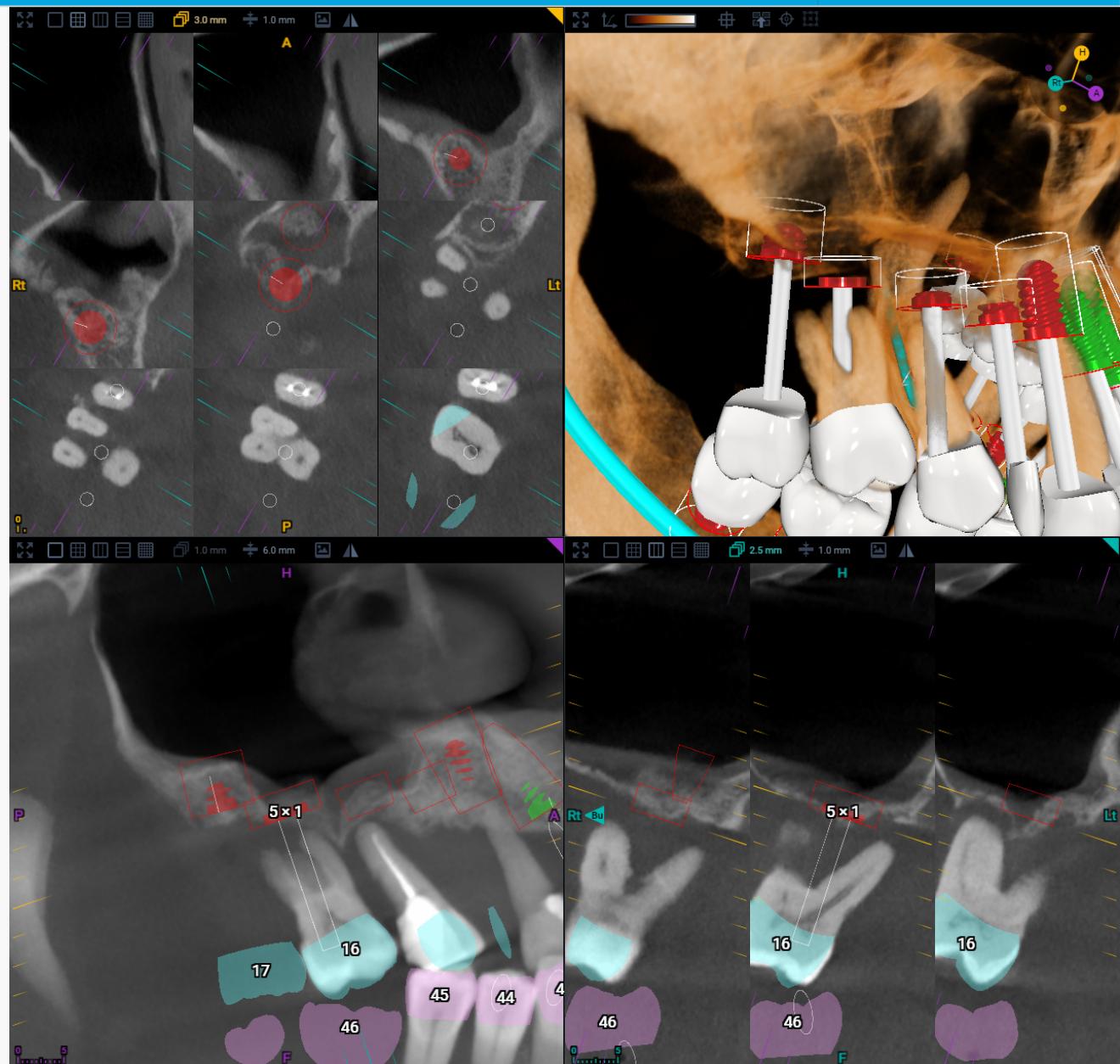
Properties

- Diameter: 5 mm @ collar
- Length: 1 mm

- Brand: ---
- Model: straight
- Platform: 5.0

Notes

❗ Compromised Bone Height
(Misch/Judy Division C-h bone: less than 8mm height available)



Implant 17

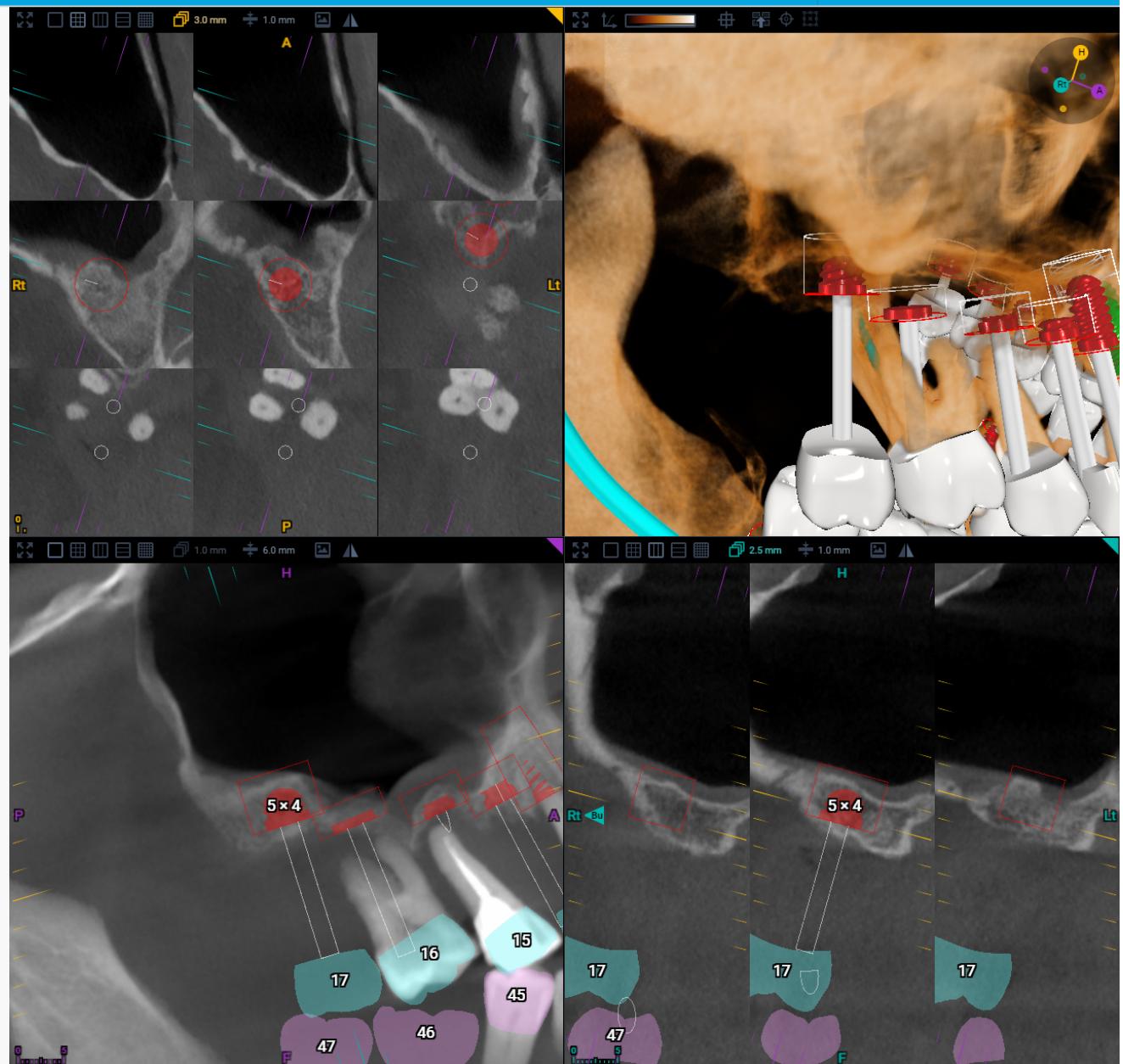
Properties

- Diameter: 5 mm @ collar
- Length: 4 mm

- Brand: ---
- Model: straight
- Platform: 5.0

Notes

❗ Compromised Bone Height
(Misch/Judy Division C-h bone: less than 8mm height available)



Implant 21

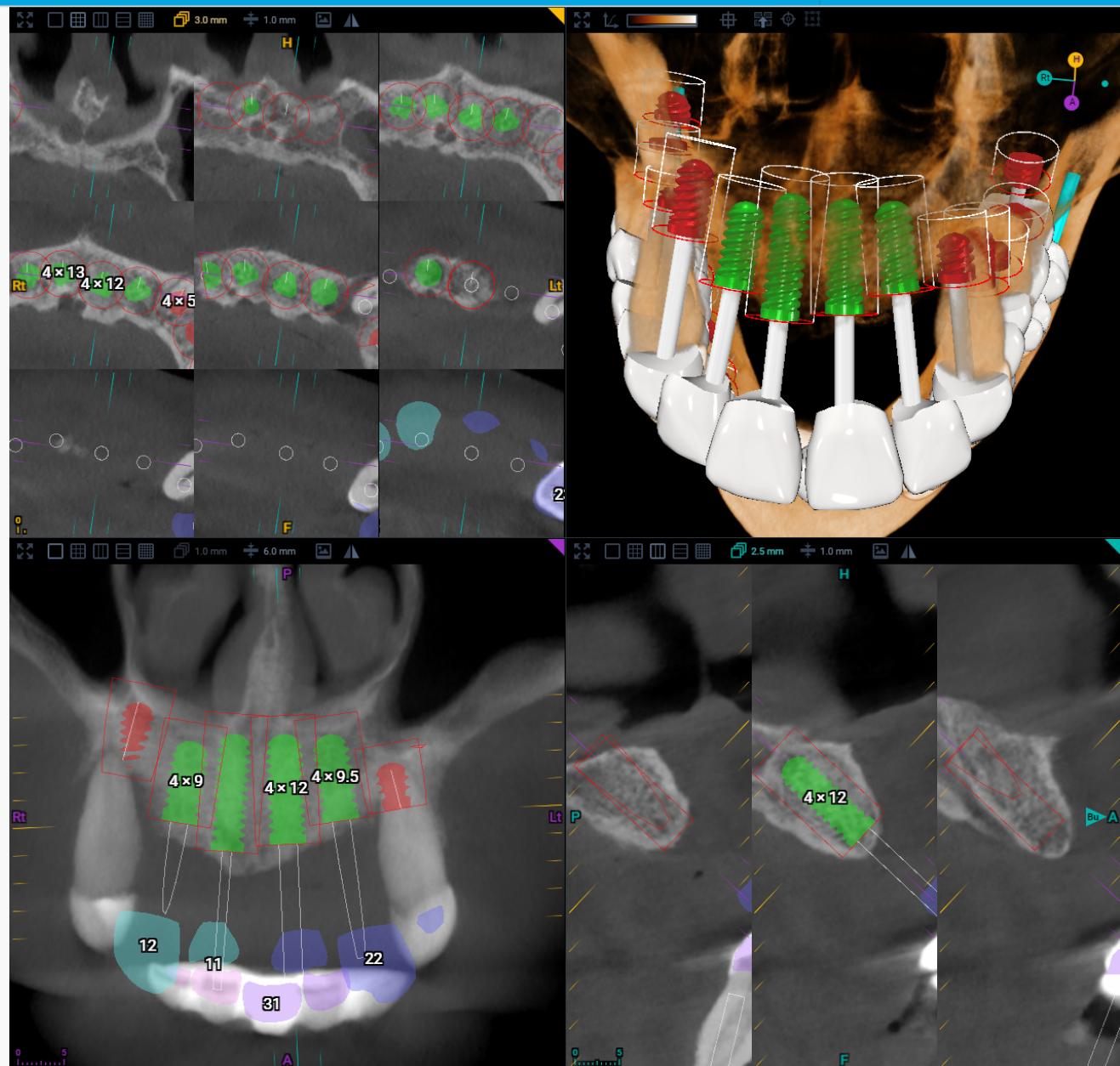
Properties

- Diameter: 4 mm @ collar
- Length: 12 mm

- Brand: ---
- Model: straight
- Platform: 4.0

Notes

✓ Barely Sufficient Bone (Misch/Judy Division B bone: 4-7mm bone width)



Implant 22

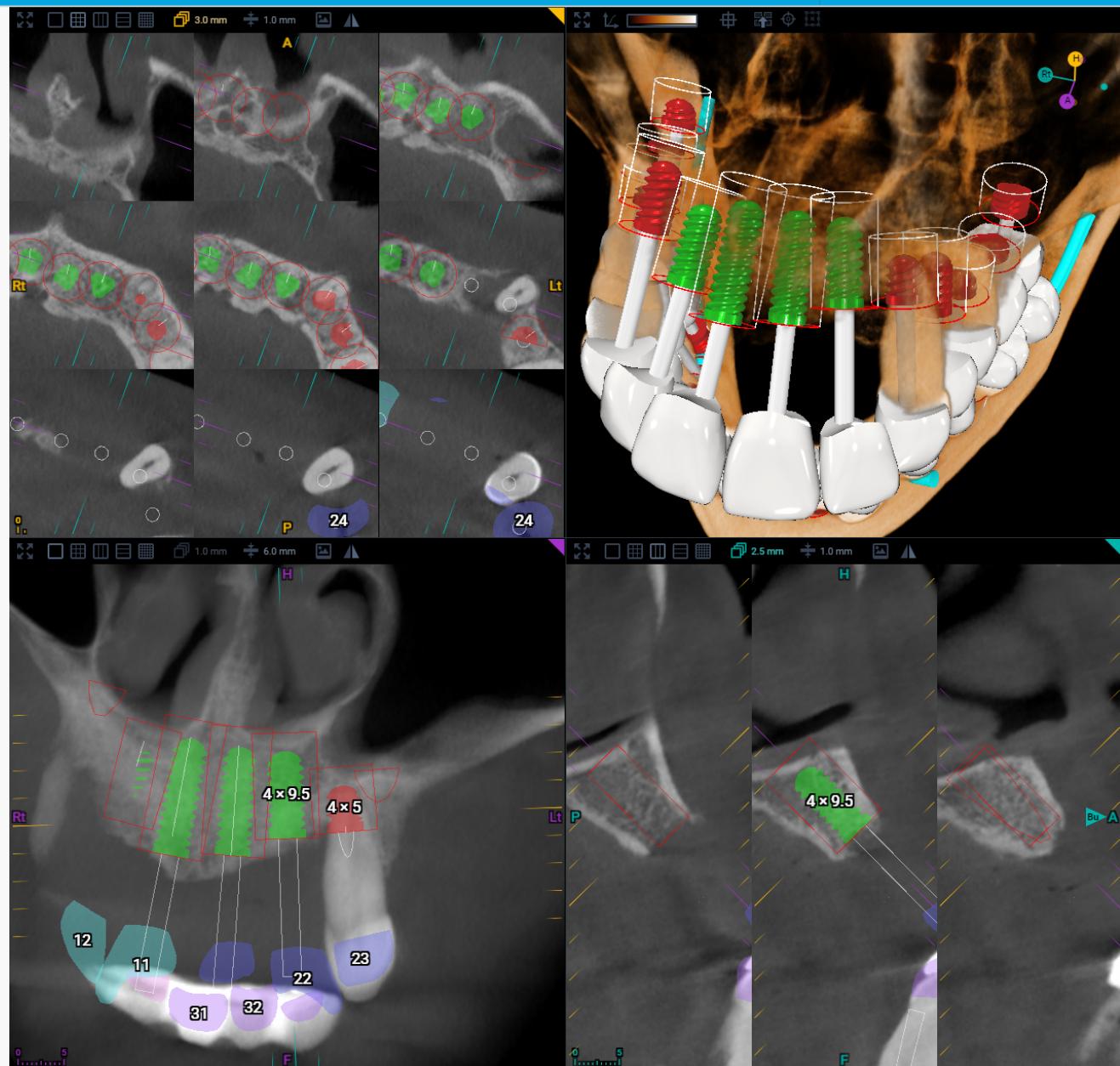
Properties

- Diameter: 4 mm @ collar
- Length: 9.5 mm

- Brand: ---
- Model: straight
- Platform: 4.0

Notes

✓ Barely Sufficient Bone (Misch/Judy Division B bone: 4-7mm bone width)



Implant 23

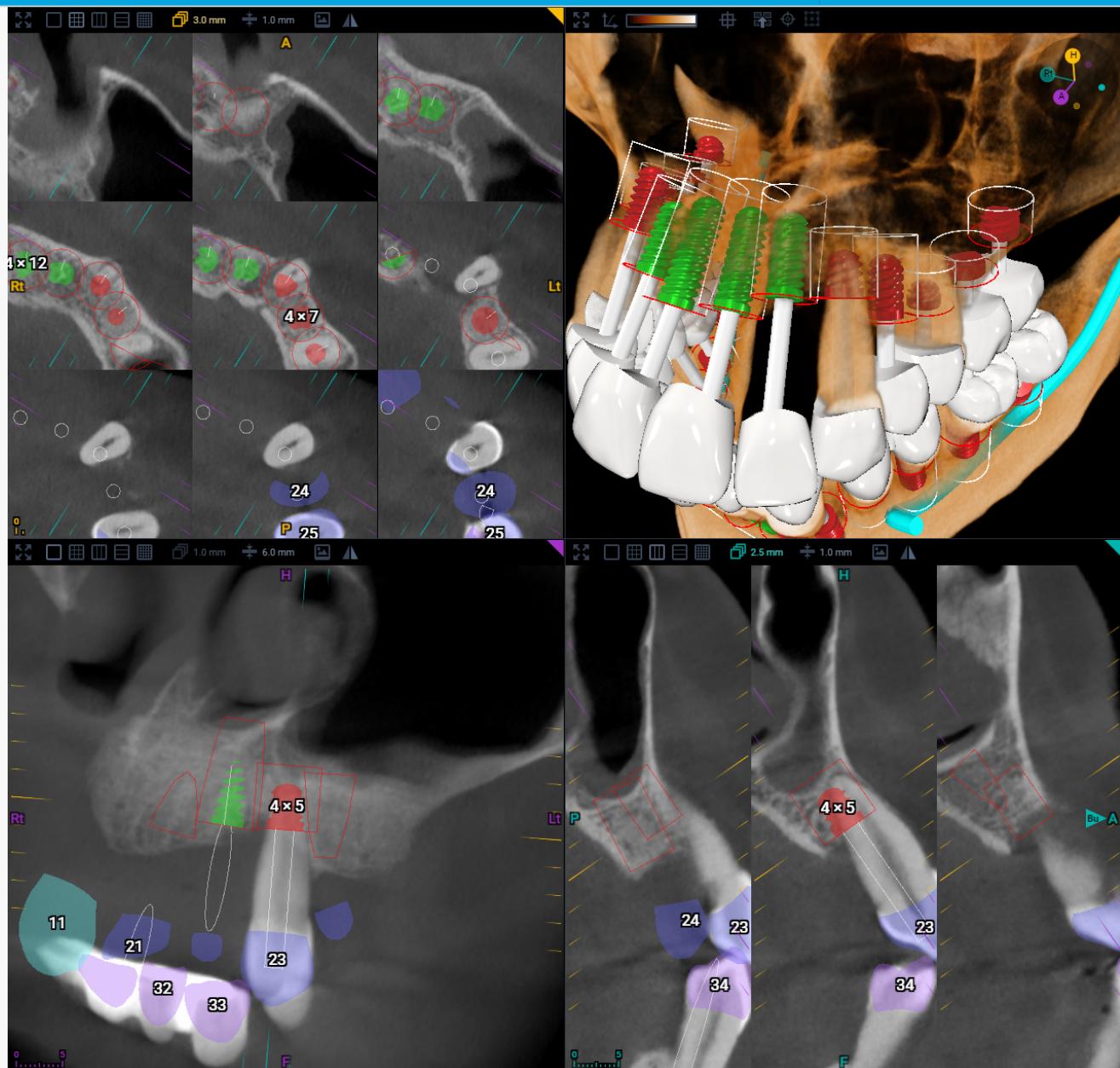
Properties

- Diameter: 4 mm @ collar
- Length: 5 mm

- Brand: ---
- Model: straight
- Platform: 4.0

Notes

- ❗ Osseous defect present at this site
- ❗ Compromised Bone Height
(Misch/Judy Division C-h bone: less than 8mm height available)



Implant 24

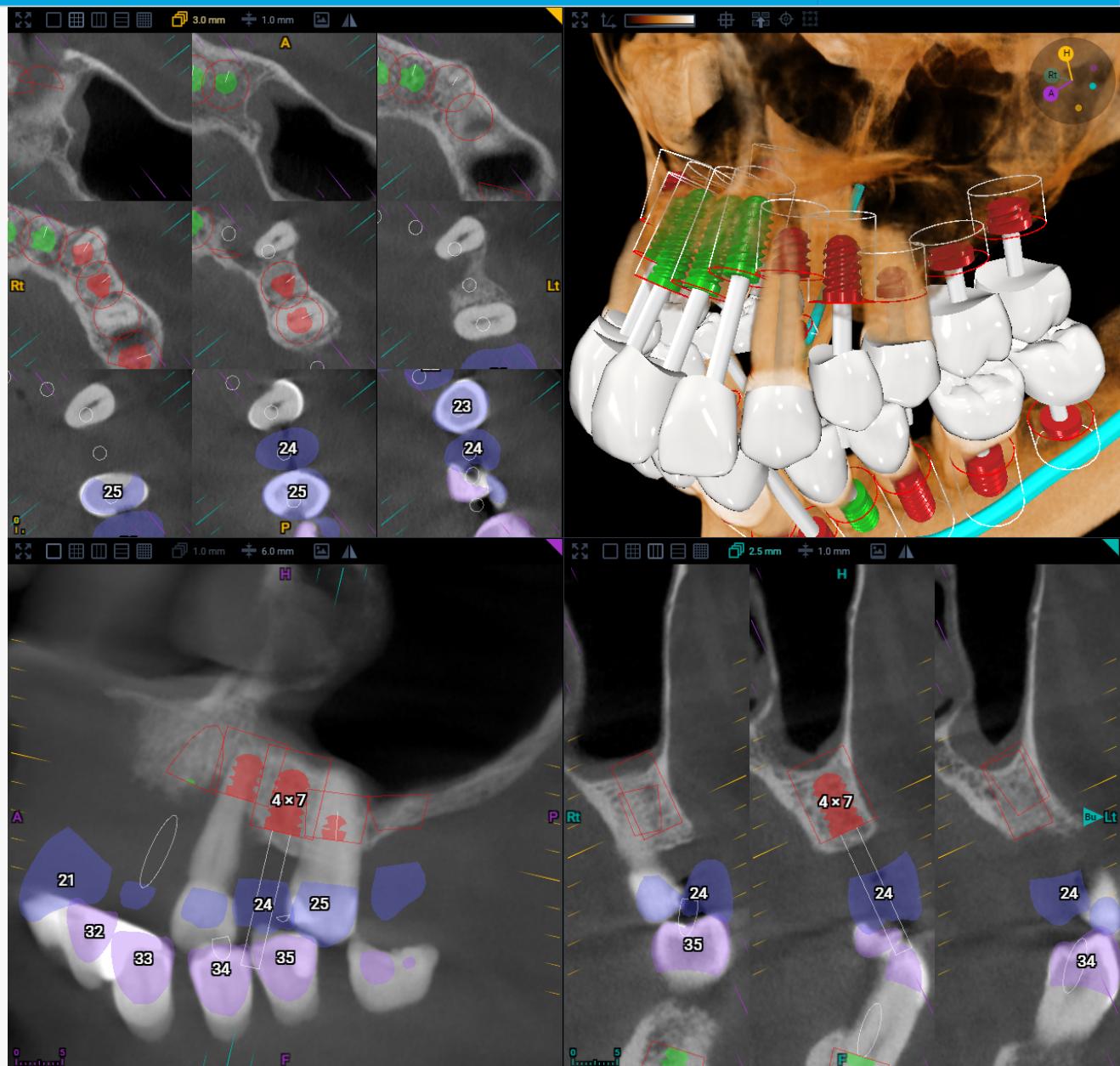
Properties

- Diameter: 4 mm @ collar
- Length: 7 mm

- Brand: ---
- Model: straight
- Platform: 4.0

Notes

❗ Compromised Bone Height
(Misch/Judy Division C-h bone: less than 8mm height available)



Implant 25

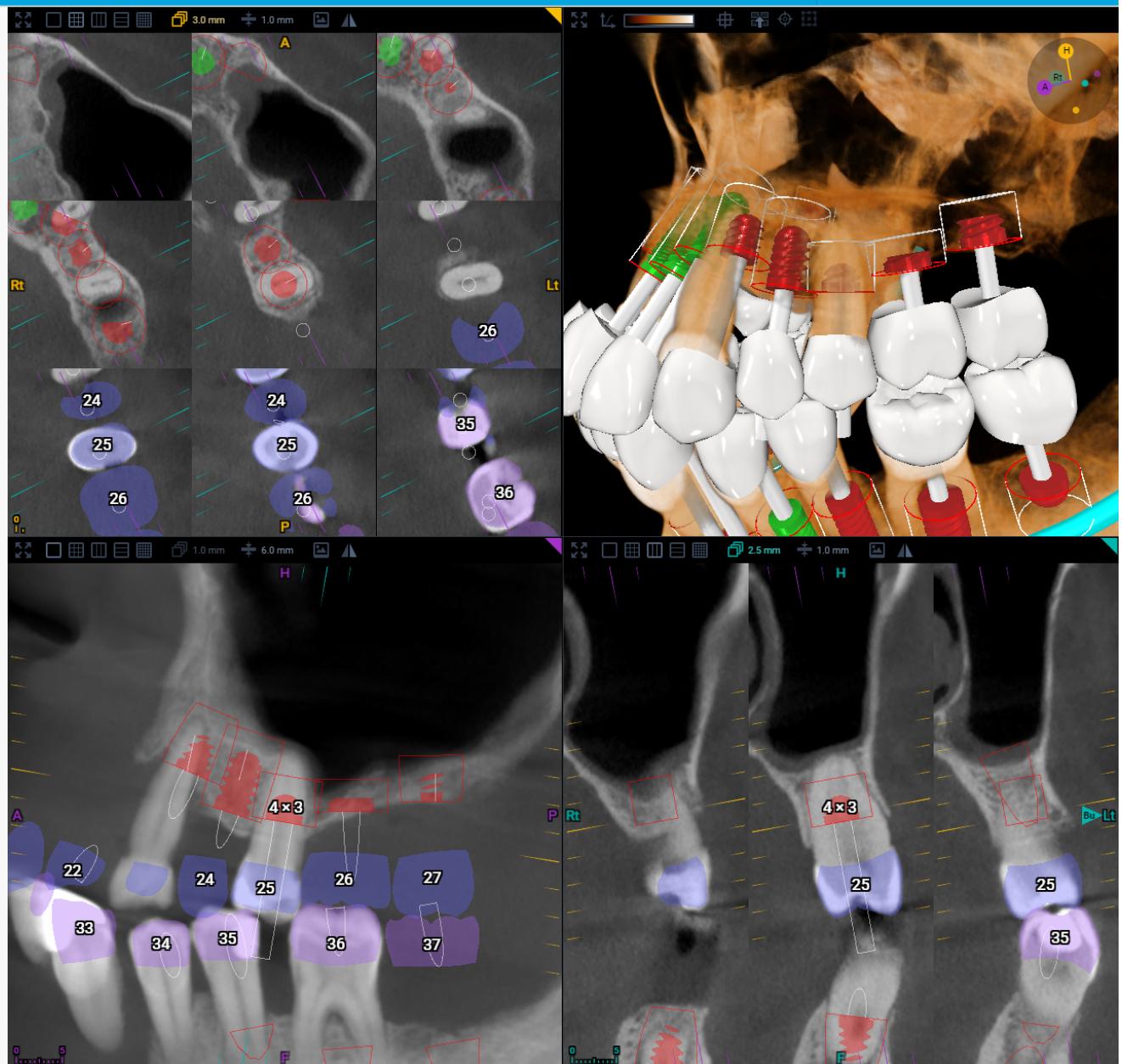
Properties

- Diameter: 4 mm @ collar
- Length: 3 mm

- Brand: ---
- Model: straight
- Platform: 4.0

Notes

❗ Compromised Bone Height
(Misch/Judy Division C-h bone: less than 8mm height available)



Implant 26

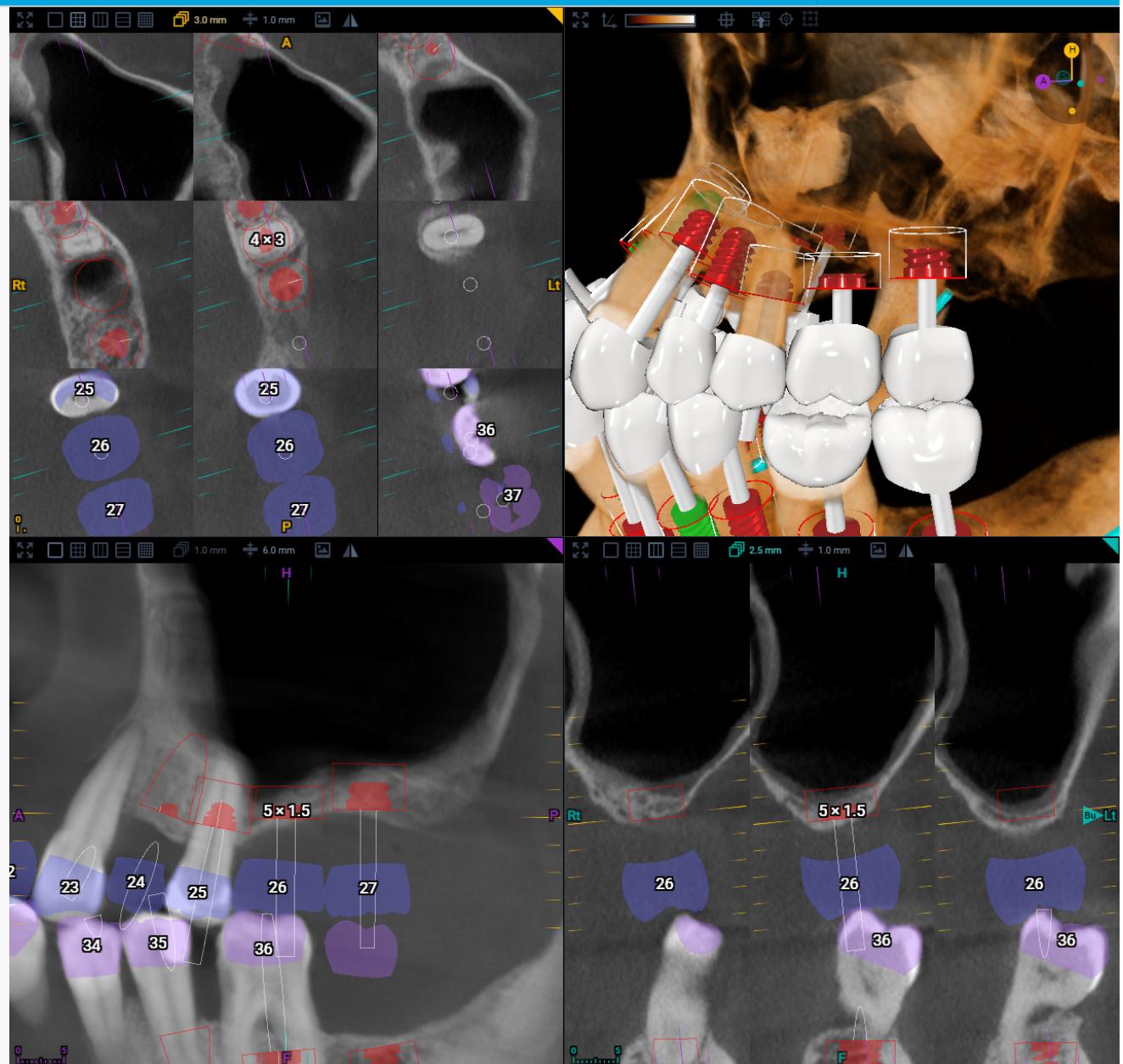
Properties

- Diameter: 5 mm @ collar
- Length: 1.5 mm

- Brand: ---
- Model: straight
- Platform: 5.0

Notes

❗ Compromised Bone Height
(Misch/Judy Division C-h bone: less than 8mm height available)



Implant 27

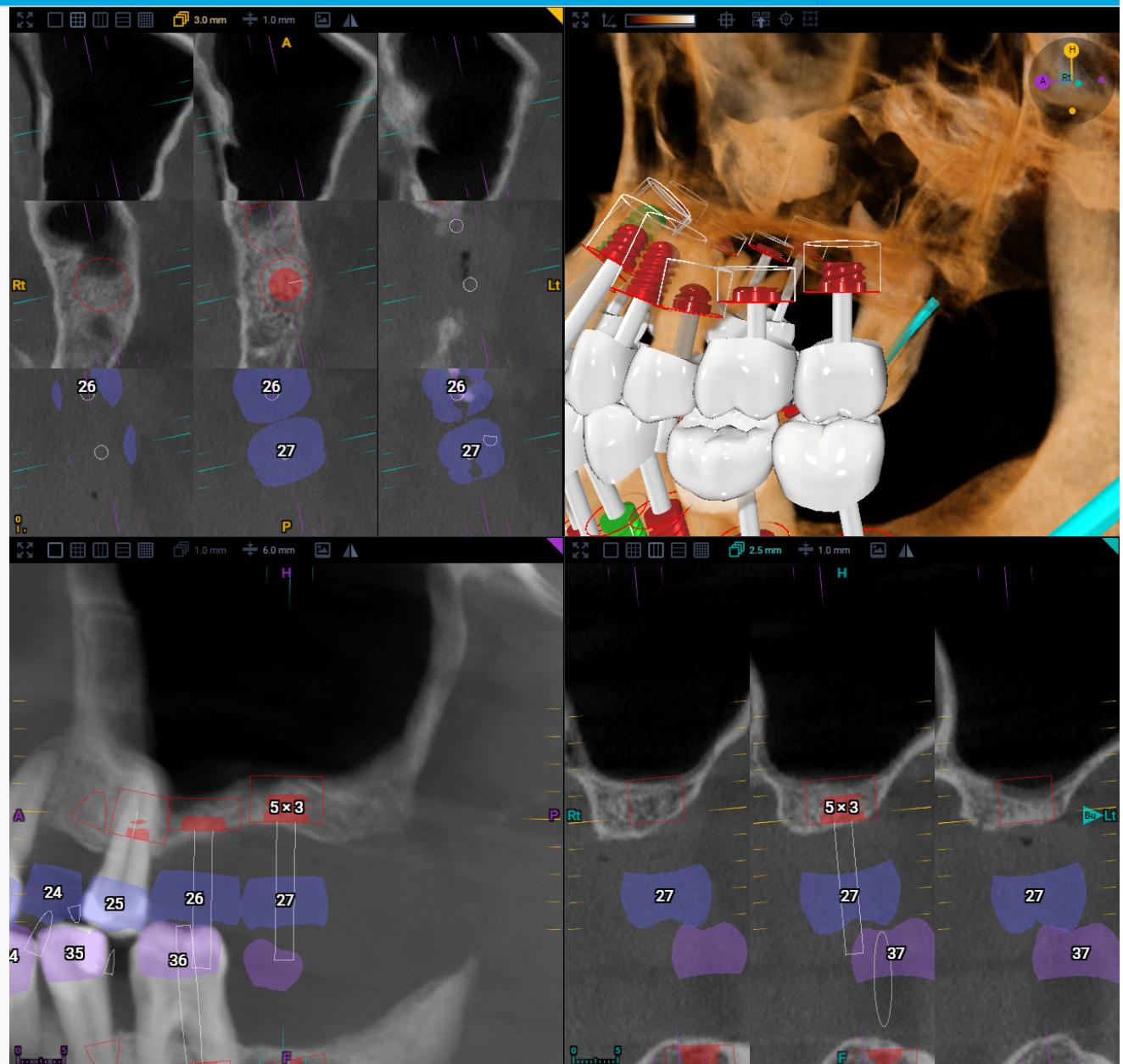
Properties

- Diameter: 5 mm @ collar
- Length: 3 mm

- Brand: ---
- Model: straight
- Platform: 5.0

Notes

❗ Compromised Bone Height
(Misch/Judy Division C-h bone: less than 8mm height available)



Implant 31

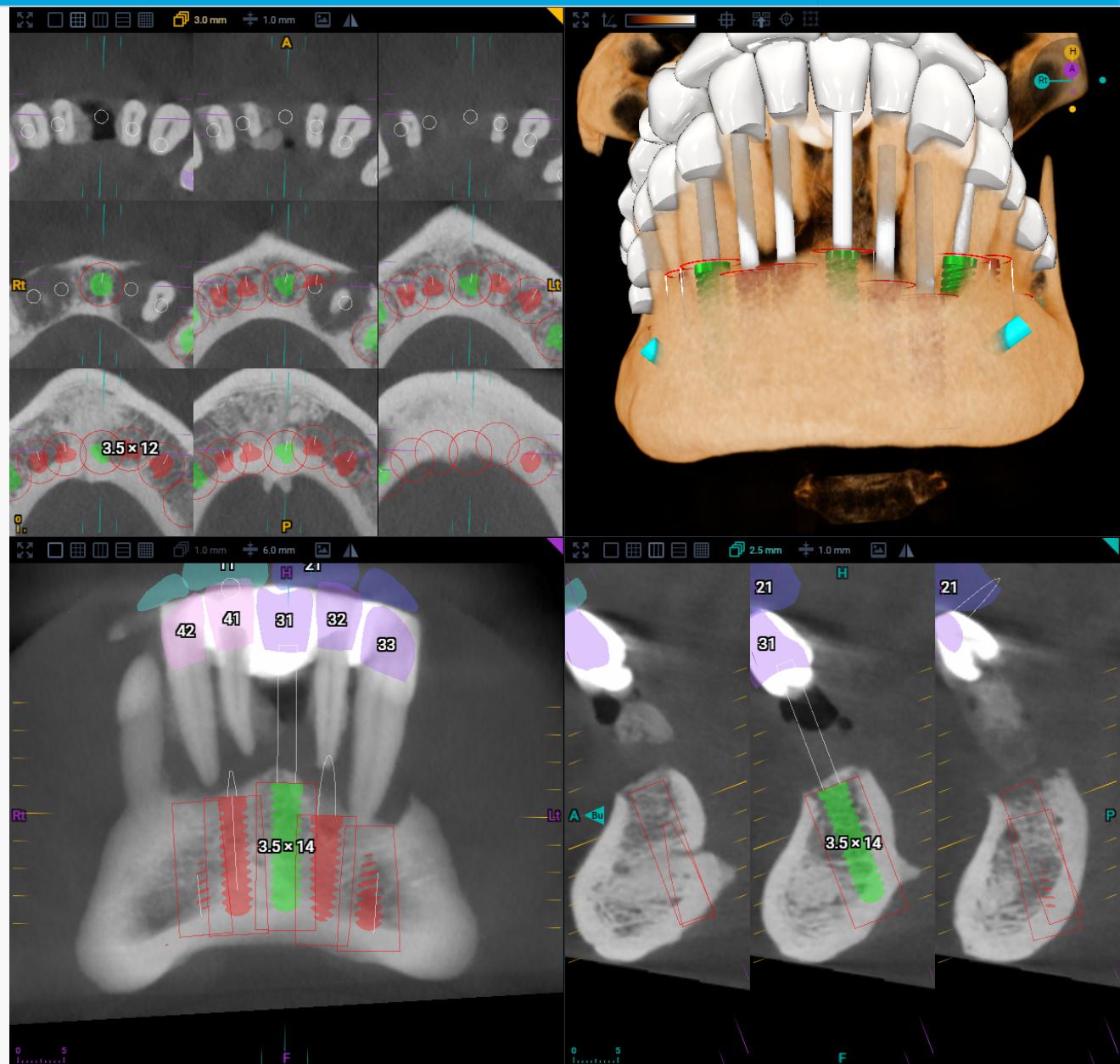
Properties

- Diameter: 3.5 mm @ collar
- Length: 14 mm

-
- Brand: ---
 - Model: straight
 - Platform: 3.5

Notes

✓ Barely Sufficient Bone (Misch/Judy Division B bone: 4-7mm bone width)



Implant 32

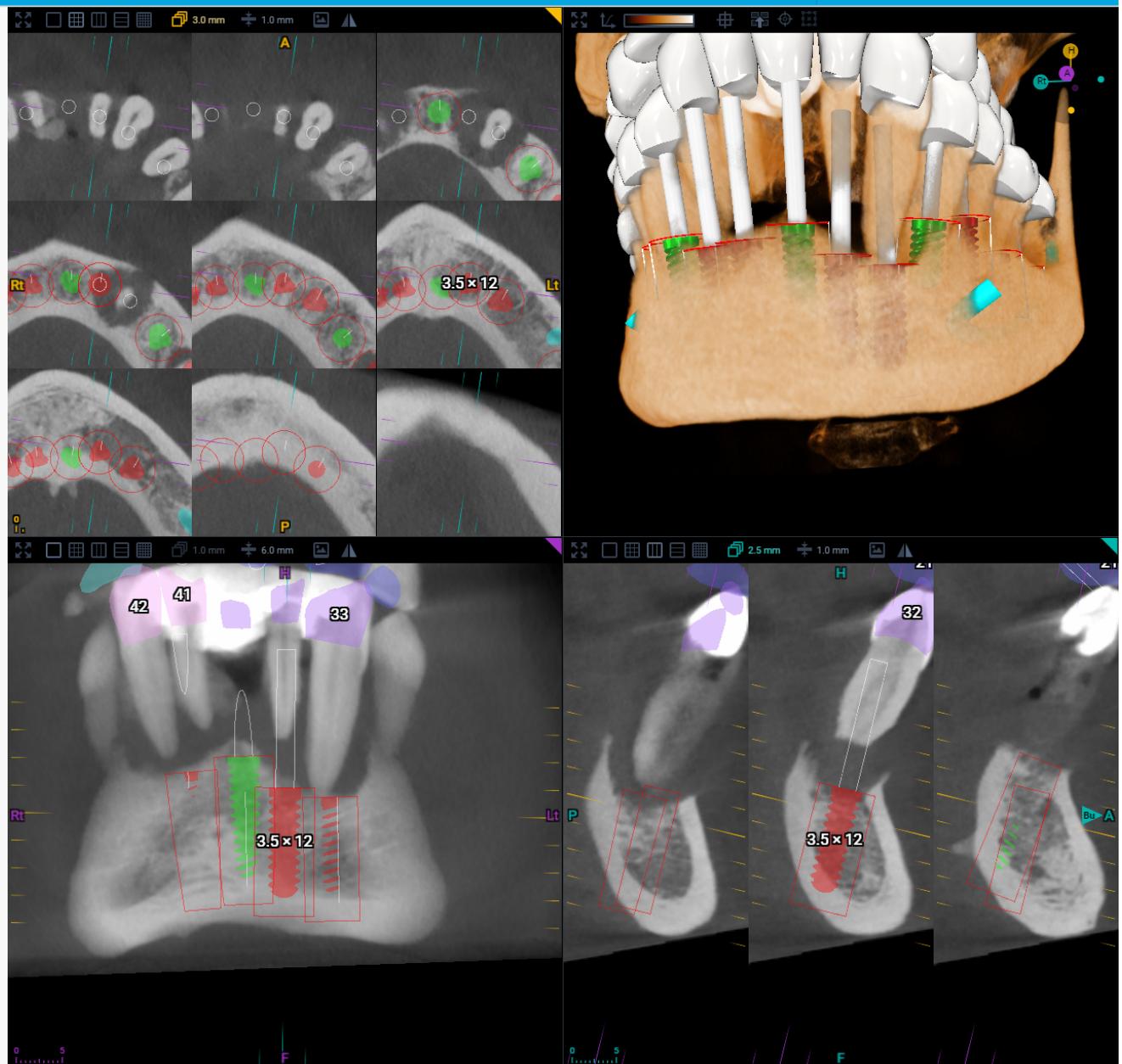
Properties

- Diameter: 3.5 mm @ collar
- Length: 12 mm

- Brand: ---
- Model: straight
- Platform: 3.5

Notes

❗ Osseous defect present at this site



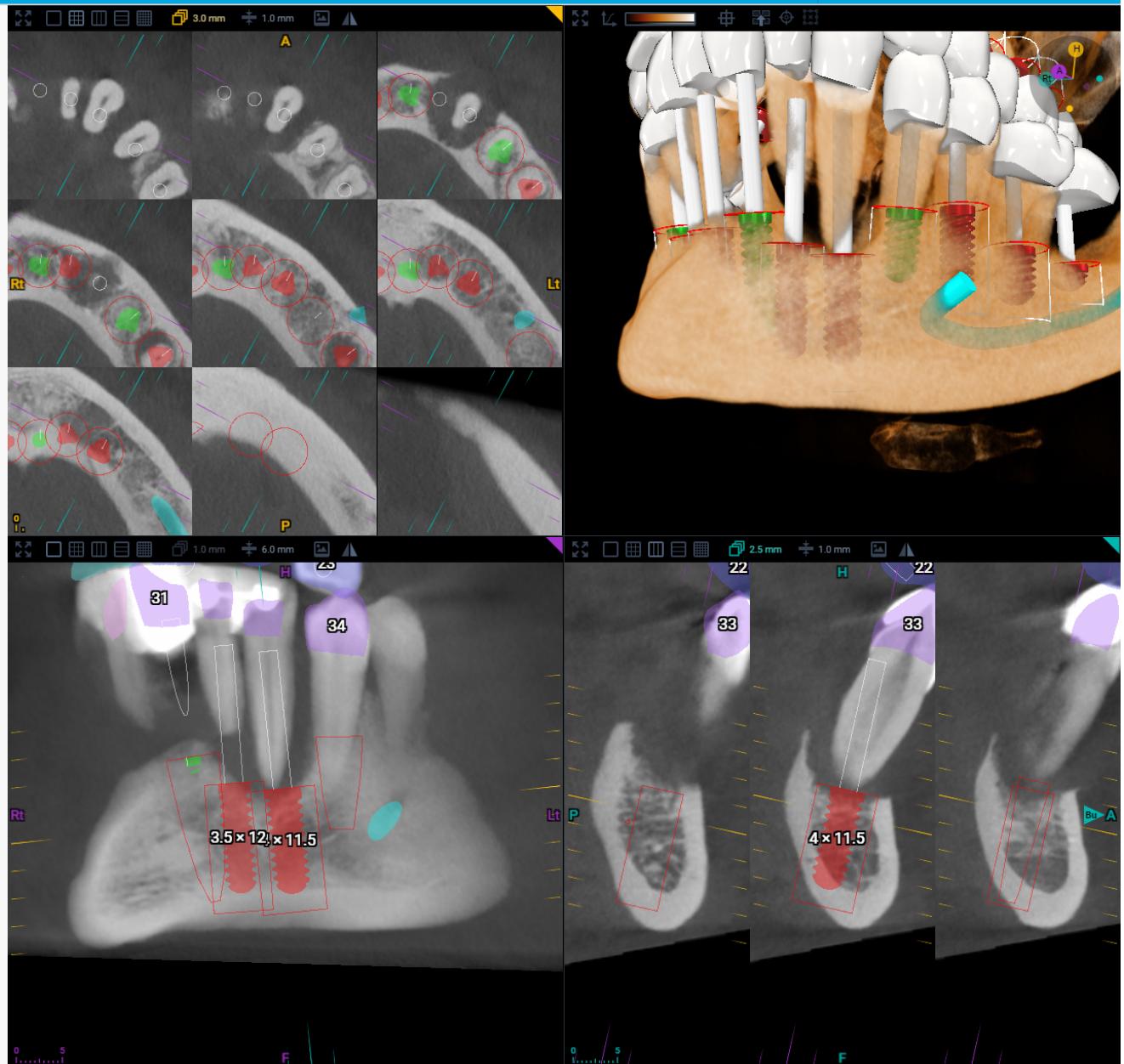
Implant 33

Properties

- Diameter: 4 mm @ collar
 - Length: 11.5 mm
-
- Brand: ---
 - Model: straight
 - Platform: 4.0

Notes

❗ Osseous defect present at this site



Implant 34

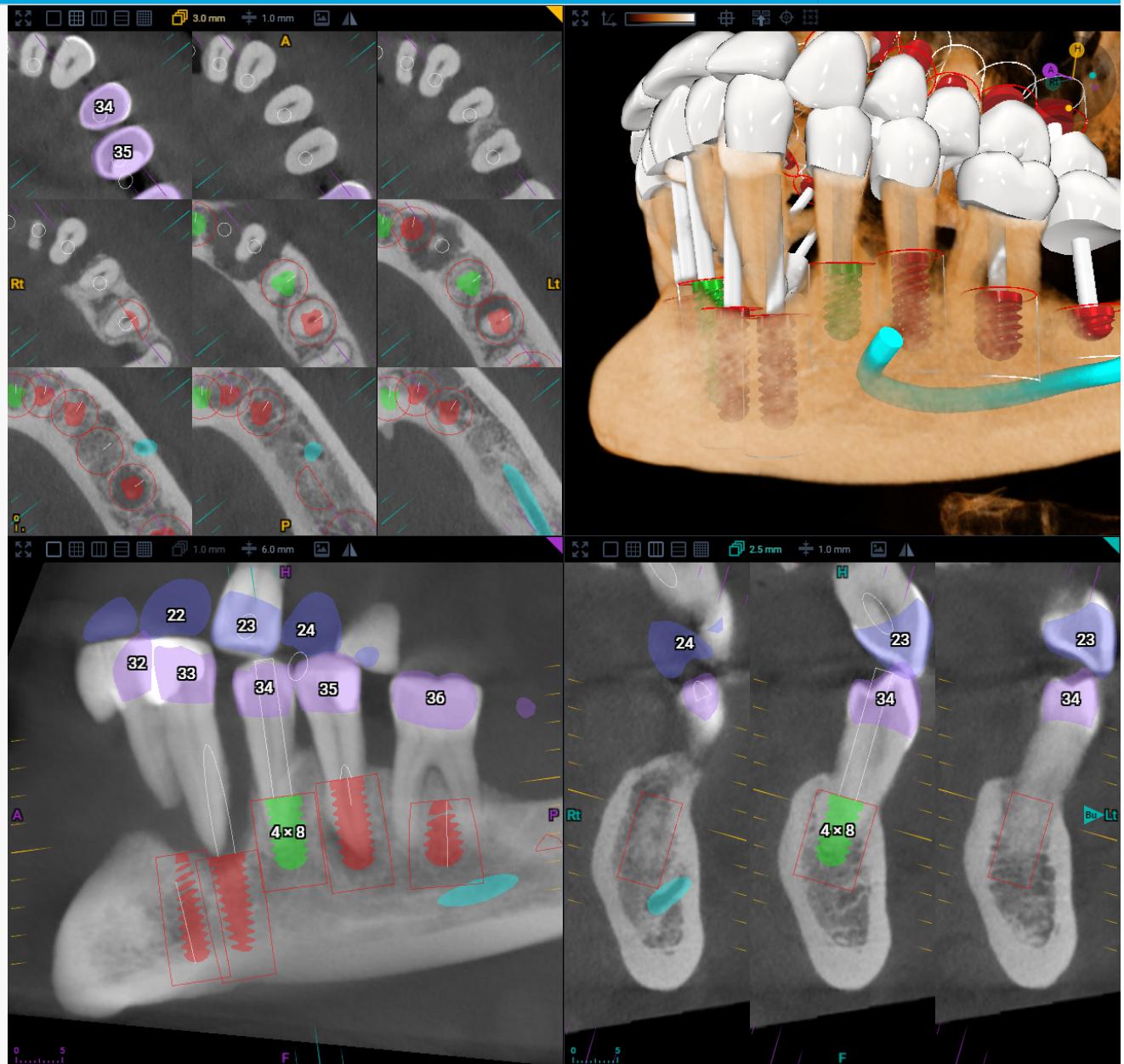
Properties

- Diameter: 4 mm @ collar
- Length: 8 mm

-
- Brand: ---
 - Model: straight
 - Platform: 4.0

Notes

- ✓ Adequate bone available (Misch/Judy Division A bone)
- ⚠ Note proximity to mental foramen



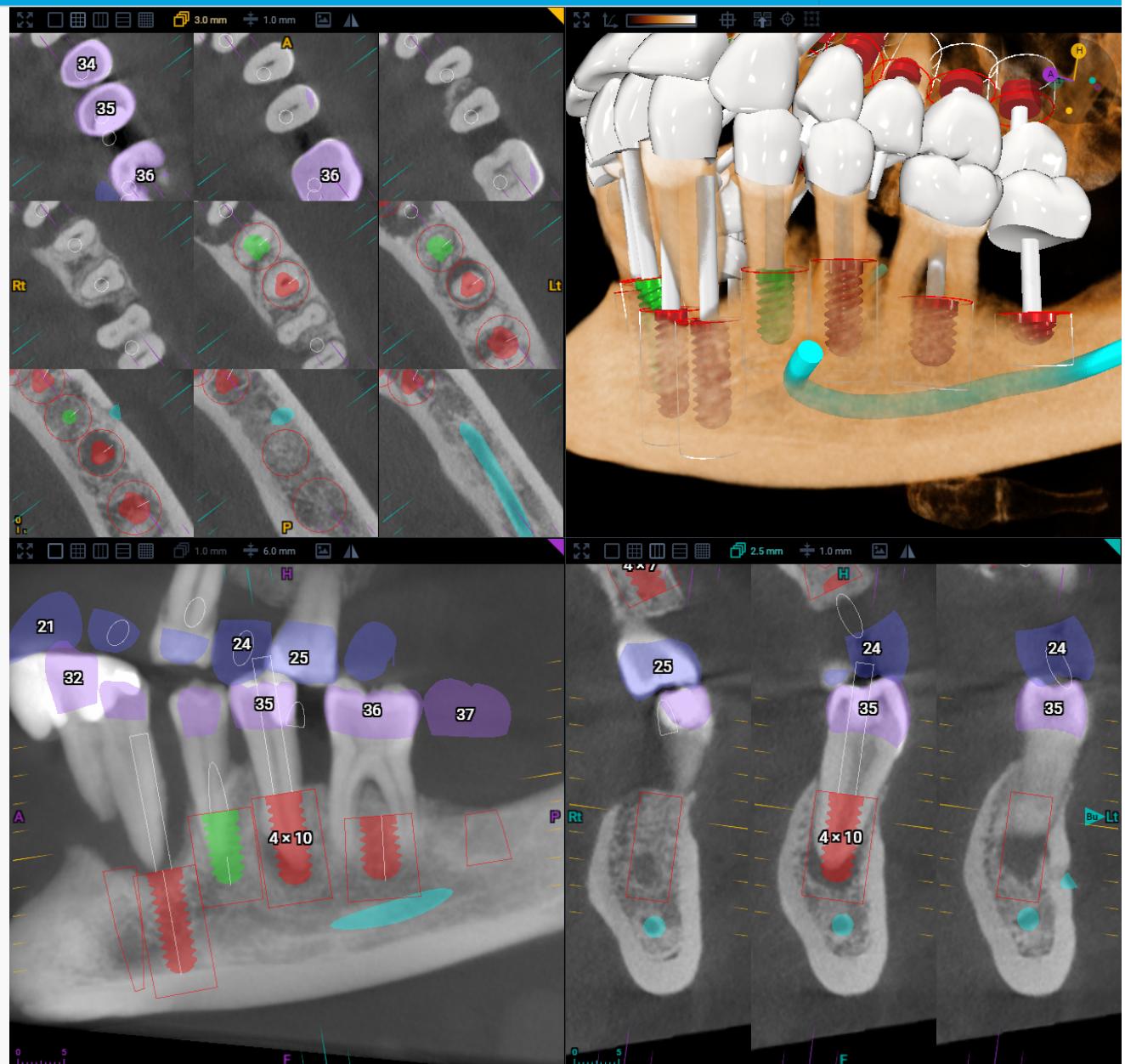
Implant 35

Properties

- Diameter: 4 mm @ collar
- Length: 10 mm
- Brand: ---
- Model: straight
- Platform: 4.0

Notes

- ! Osseous defect present at this site
- >Note proximity to mental foramen



Implant 36

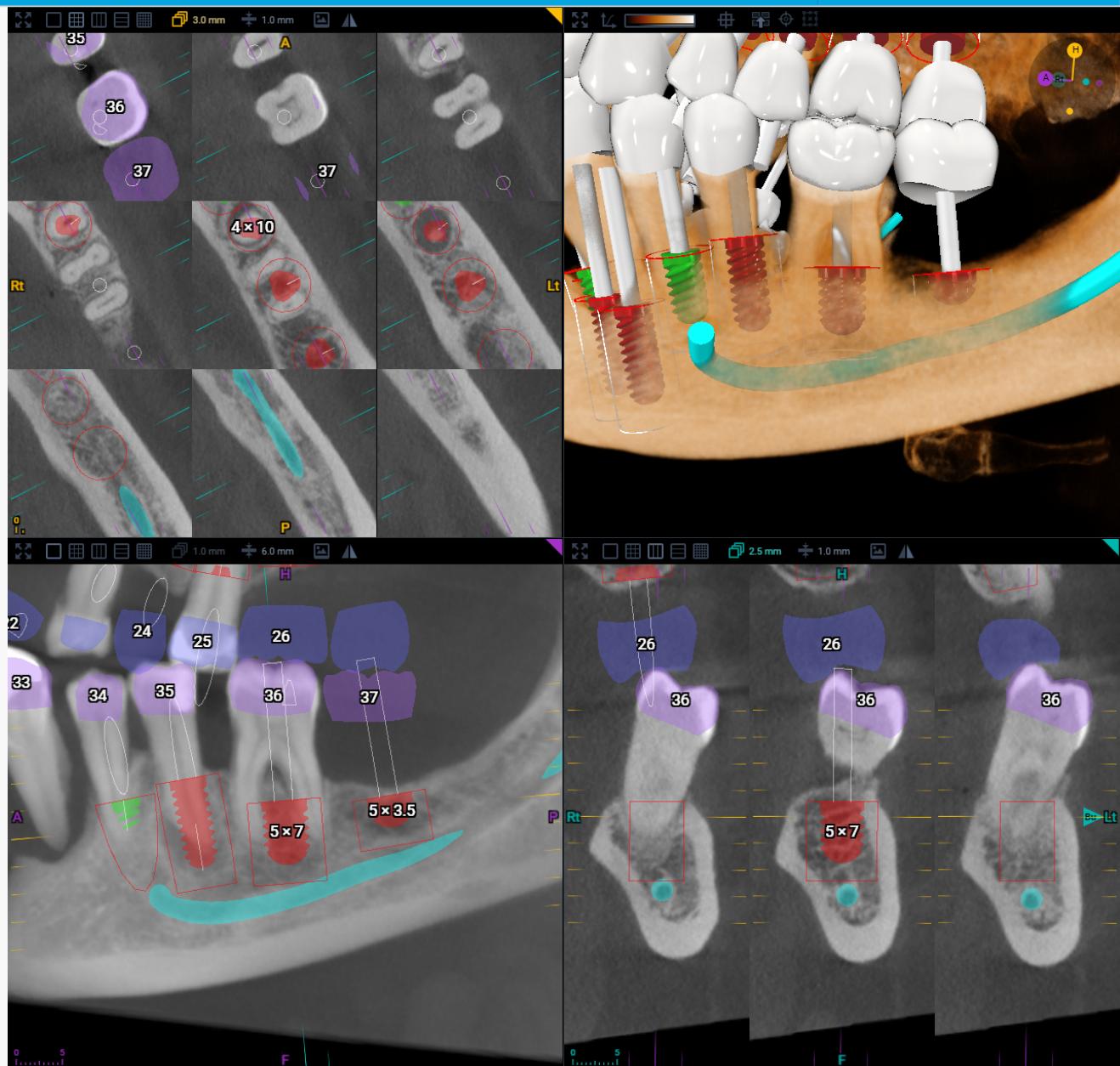
Properties

- Diameter: 5 mm @ collar
- Length: 7 mm

- Brand: ---
- Model: straight
- Platform: 5.0

Notes

❗ Compromised Bone Height
(Misch/Judy Division C-h bone: less than 8mm height available)



Implant 37

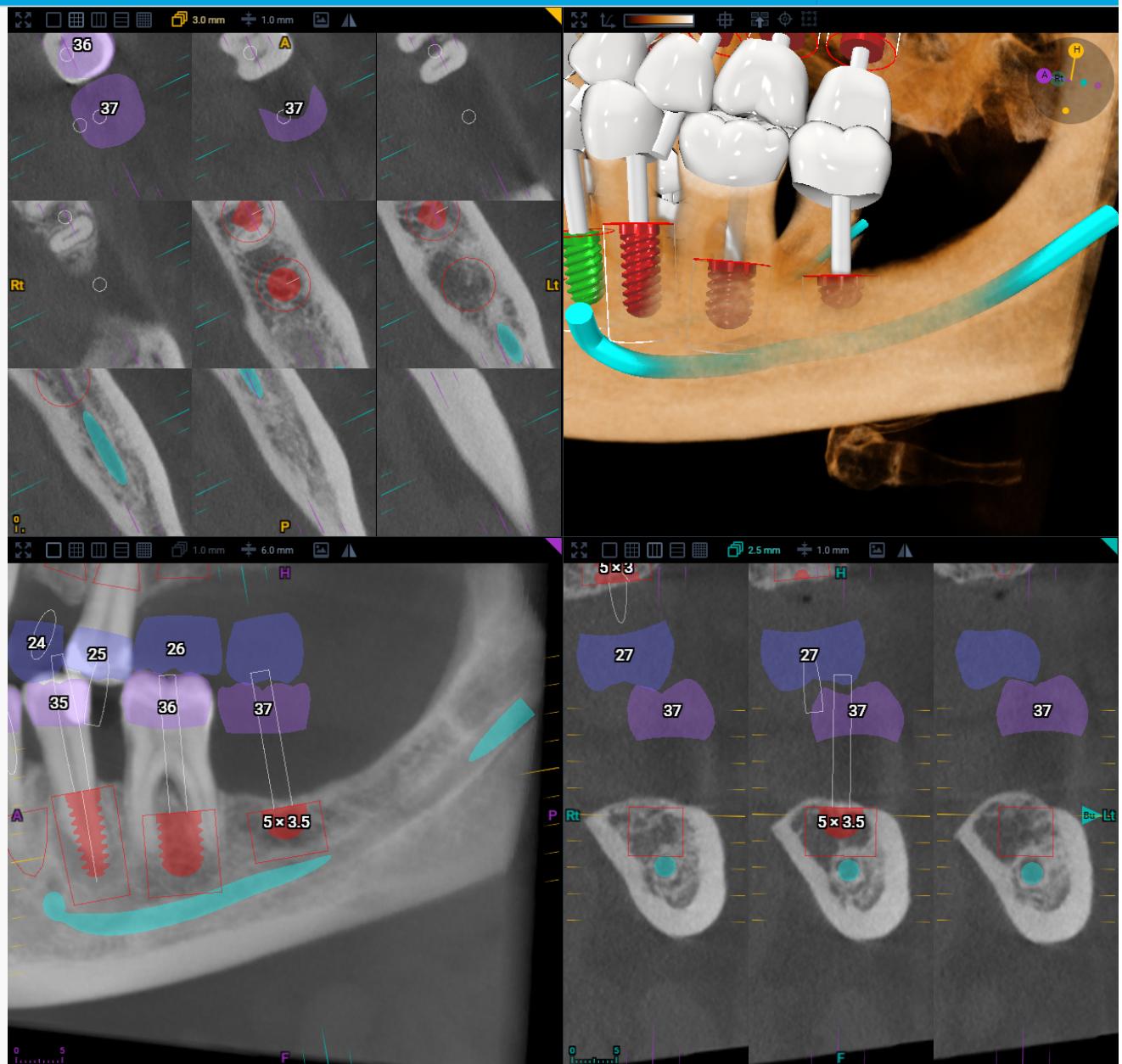
Properties

- Diameter: 5 mm @ collar
- Length: 3.5 mm

- Brand: ---
- Model: straight
- Platform: 5.0

Notes

❗ Compromised Bone Height
(Misch/Judy Division C-h bone: less than 8mm height available)



Implant 41

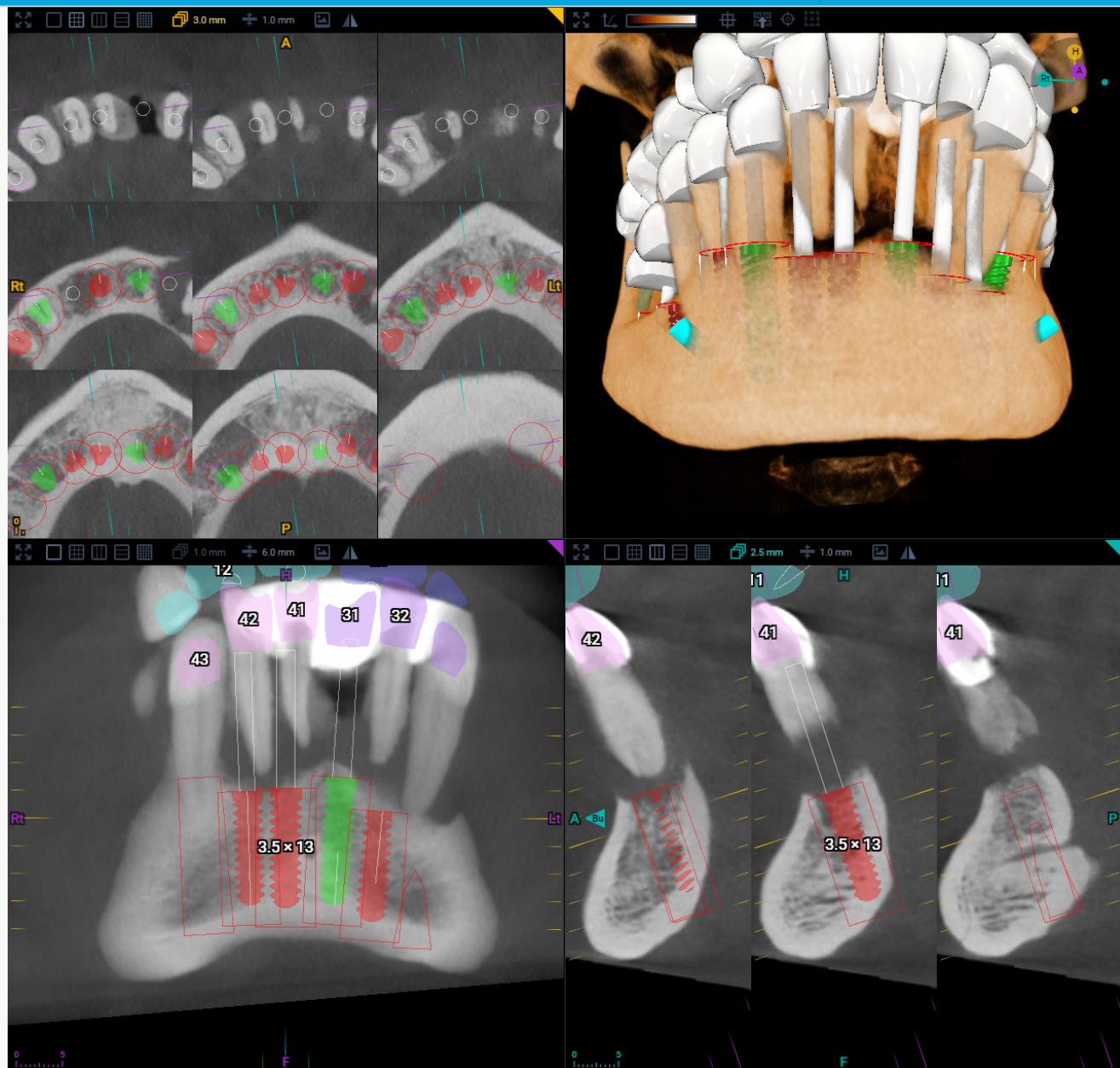
Properties

- Diameter: 3.5 mm @ collar
- Length: 13 mm

- Brand: ---
- Model: straight
- Platform: 3.5

Notes

❗ Osseous defect present at this site



Implant 42

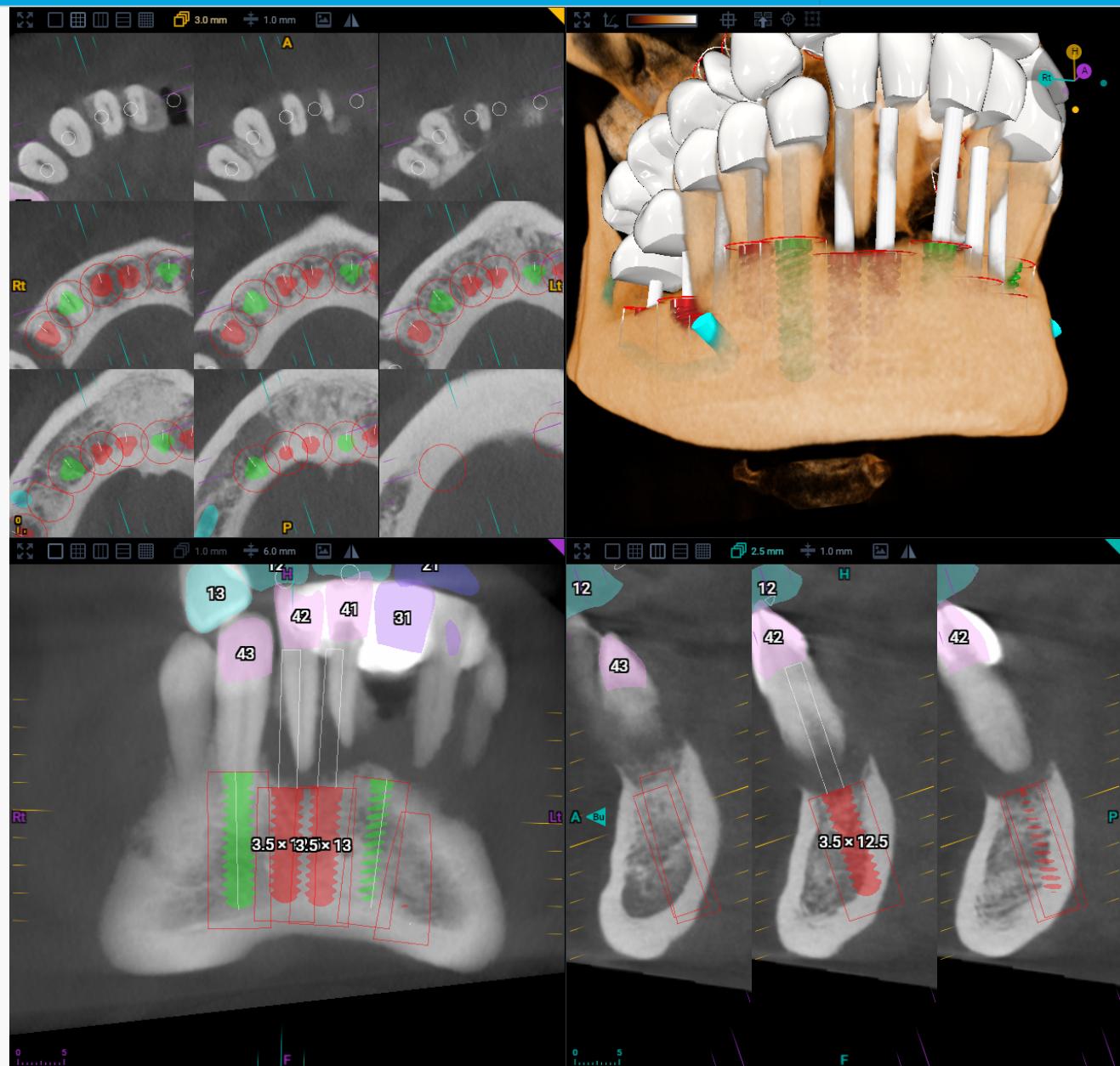
Properties

- Diameter: 3.5 mm @ collar
- Length: 12.5 mm

- Brand: ---
- Model: straight
- Platform: 3.5

Notes

❗ Osseous defect present at this site



Implant 43

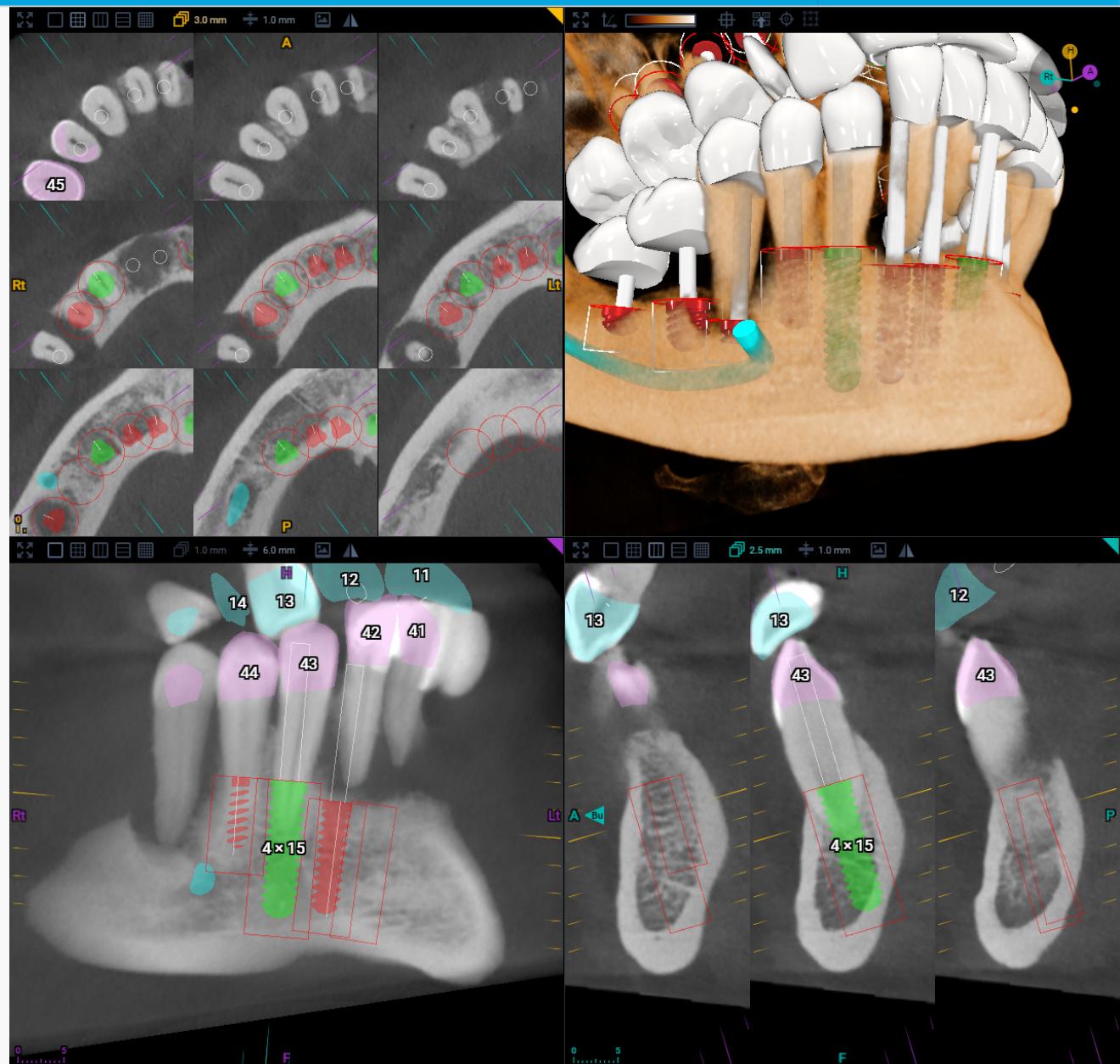
Properties

- Diameter: 4 mm @ collar
- Length: 15 mm

- Brand: ---
- Model: straight
- Platform: 4.0

Notes

✓ Adequate bone available (Misch/Judy Division A bone)



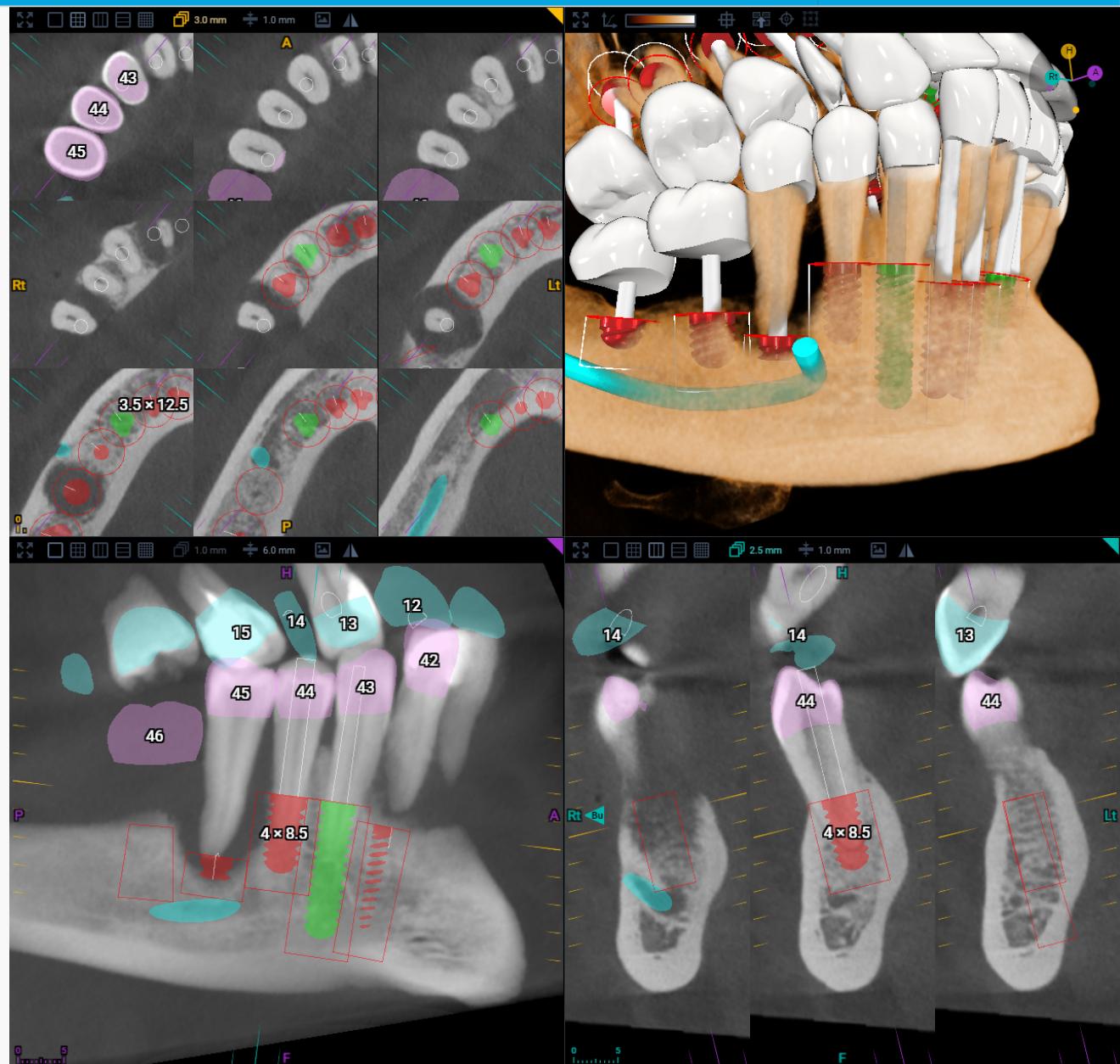
Implant 44

Properties

- Diameter: 4 mm @ collar
- Length: 8.5 mm
- Brand: ---
- Model: straight
- Platform: 4.0

Notes

❗ Osseous defect present at this site



Implant 45

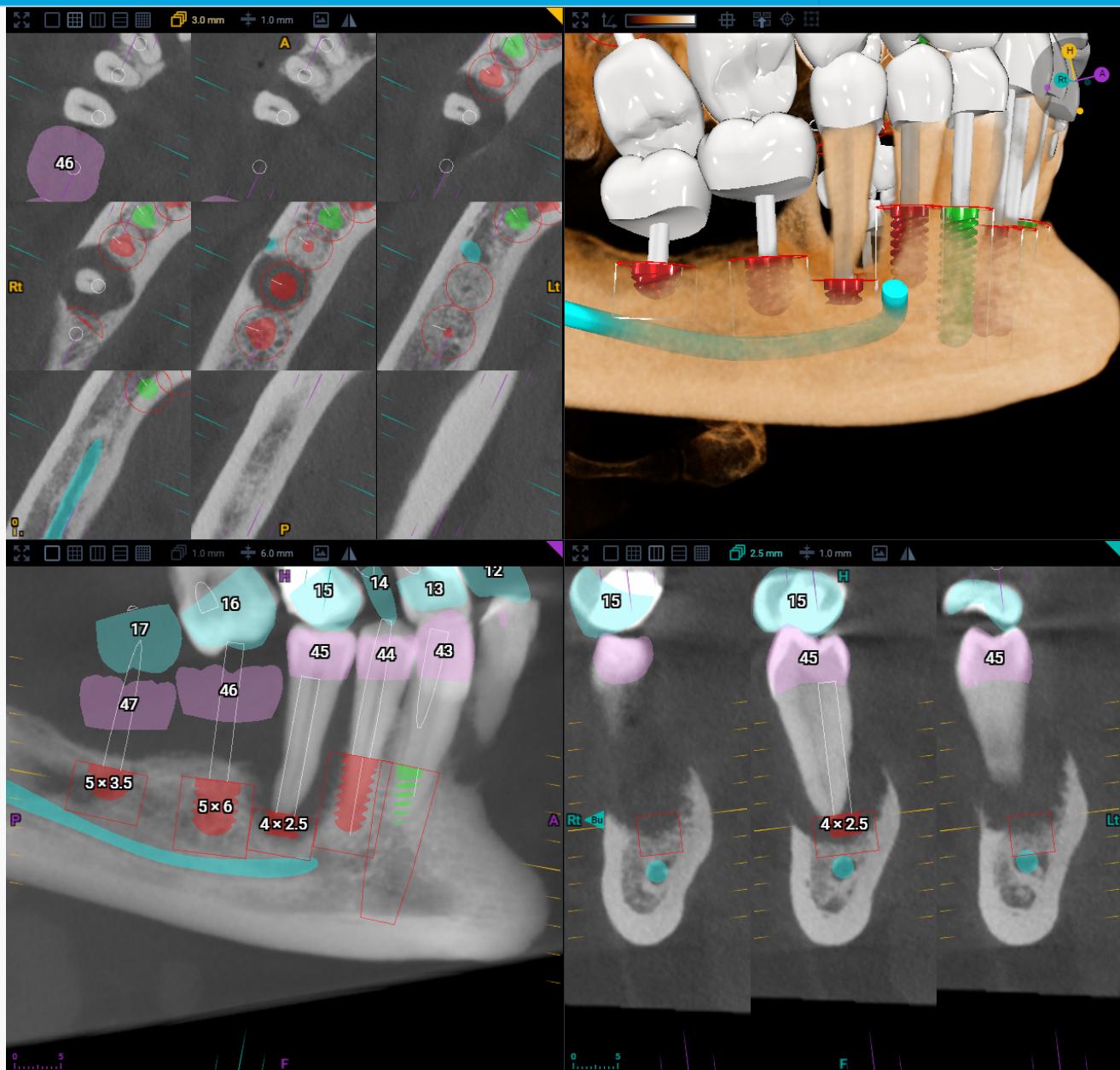
Properties

- Diameter: 4 mm @ collar
- Length: 2.5 mm

- Brand: ---
- Model: straight
- Platform: 4.0

Notes

❗ Osseous defect present at this site



Implant 46

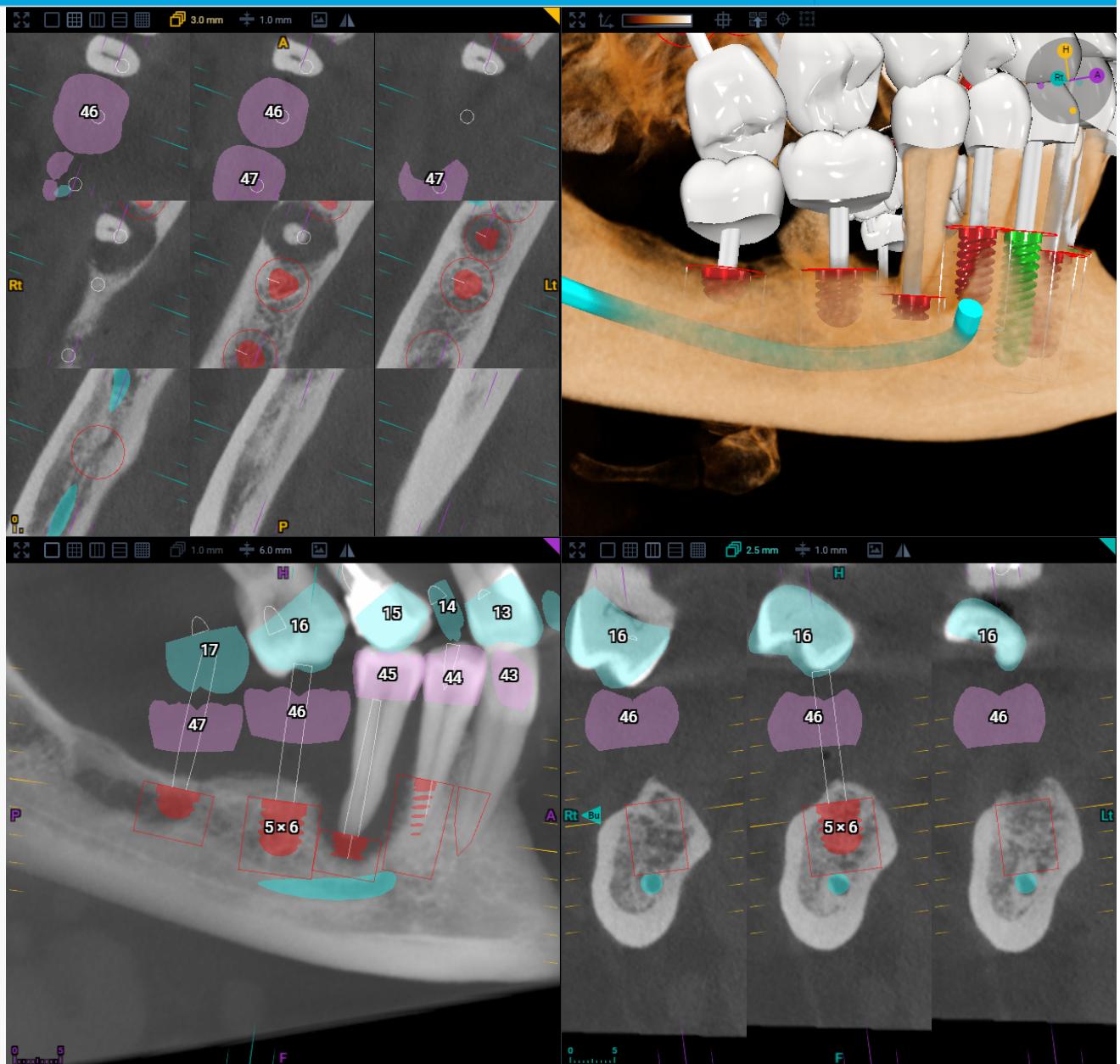
Properties

- Diameter: 5 mm @ collar
- Length: 6 mm

- Brand: ---
- Model: straight
- Platform: 5.0

Notes

❗ Compromised Bone Height
(Misch/Judy Division C-h bone: less than 8mm height available)



Implant 47

Properties

- Diameter: 5 mm @ collar
- Length: 3.5 mm

- Brand: ---
- Model: straight
- Platform: 5.0

Notes

❗ Compromised Bone Height
(Misch/Judy Division C-h bone: less than 8mm height available)

