

Dental Imaging Diagnostics LLC

Oral and Maxillofacial Radiology Services
www.didiagnostics.com



Patient Name: Lastname, Firstname
Referring Doctor: Dr. Sample – Sample Dental
Study: CBCT

DOB: 1950-01-01
Sex: M
Study Date: 2024-05-01

History: History of extractions 11 and 12 with socket grafts. We are planning implants 11, 12, 13, and 14.

Indications: Rule out incidental pathology. Seems to be pathology in sinus.

Add-ons: ☐ Rush (24-hr TAT) ☐ STAT (3-hr TAT) ☐ Basic Airway Assessment ☐ Detailed Airway Assessment
☒ Detailed Implant Site Assessment ☐ Comparison Study ☐ Add Reference Studies ☐ Zoom Case Discussion

Impression:

- Mucous retention pseudocyst seen along the medial wall of the right maxillary sinus. This does not require further imaging or treatment absent clinical signs or symptoms.
- Reduced bone volume for implant placement at site of missing 2.

Study Details:

- Medium field of view CBCT extending from the level of the inferior nasal concha to the occlusal plane.
- Scan aligned to Frankfort-Horizontal plane for review.

Dentoalveolar:

- Missing teeth (maxilla): 1, 11-14, 16, 17, 32.
- 11: Edentulous site with ridge preservation which appears well-integrated. Reduced but sufficient ridge volume for implant placement.
- 12: Edentulous site with reduced but sufficient ridge volume for implant placement.
- 13: Edentulous site with reduced but sufficient ridge volume for implant placement. Remnant endodontic filling material embedded at this site.
- 14: Edentulous site with reduced and insufficient ridge volume for implant placement due to pneumatization of the left maxillary sinus.
- Generalized moderate periodontal bone loss.
 - Furcation involvement: 2, 15, 19, 30.
 - Infrabony defect: 30M
- Palatal tori present.

Paranasal Sinuses:

- Mucous retention pseudocyst noted along the medial wall of the right maxillary sinus; this entity was not fully captured.
- Mucosal thickening noted along the floor of both maxillary sinuses, left more than right.
- OMCs were not captured.

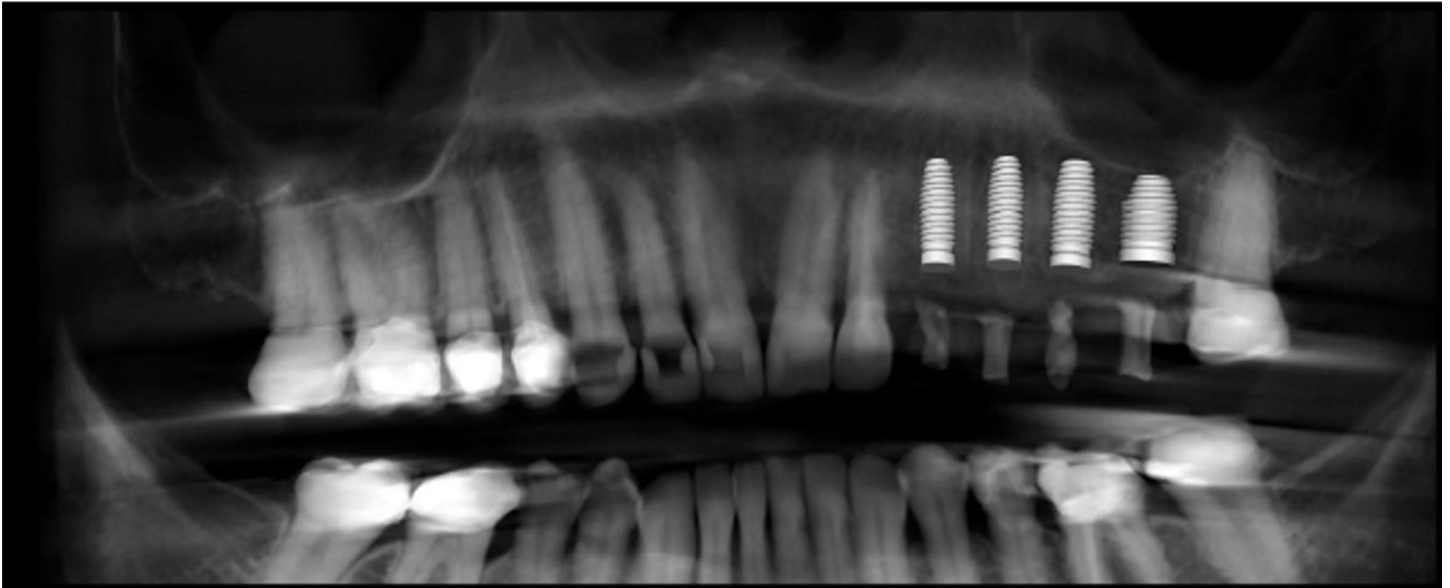
Signature: _____

Interpreted and signed by radiologist: Christopher D. Matesi, DDS

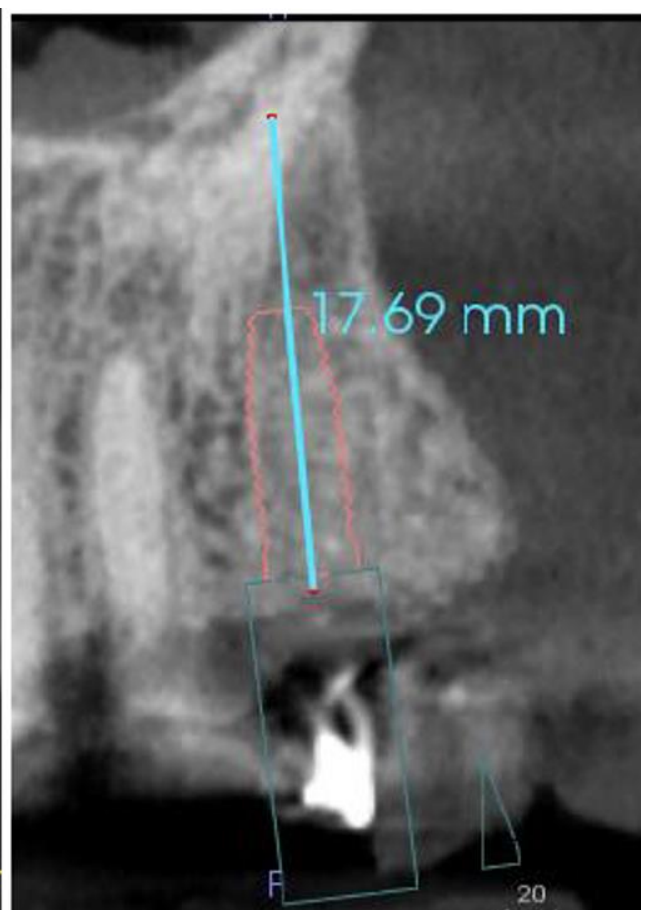
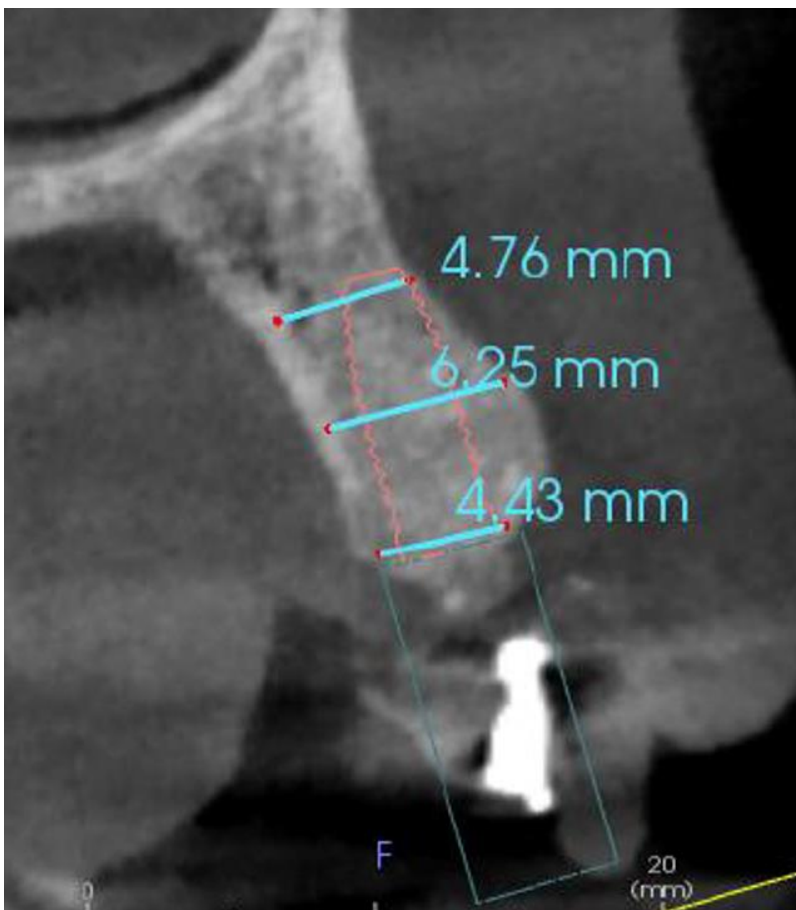
Verified Date: 5/21/2024



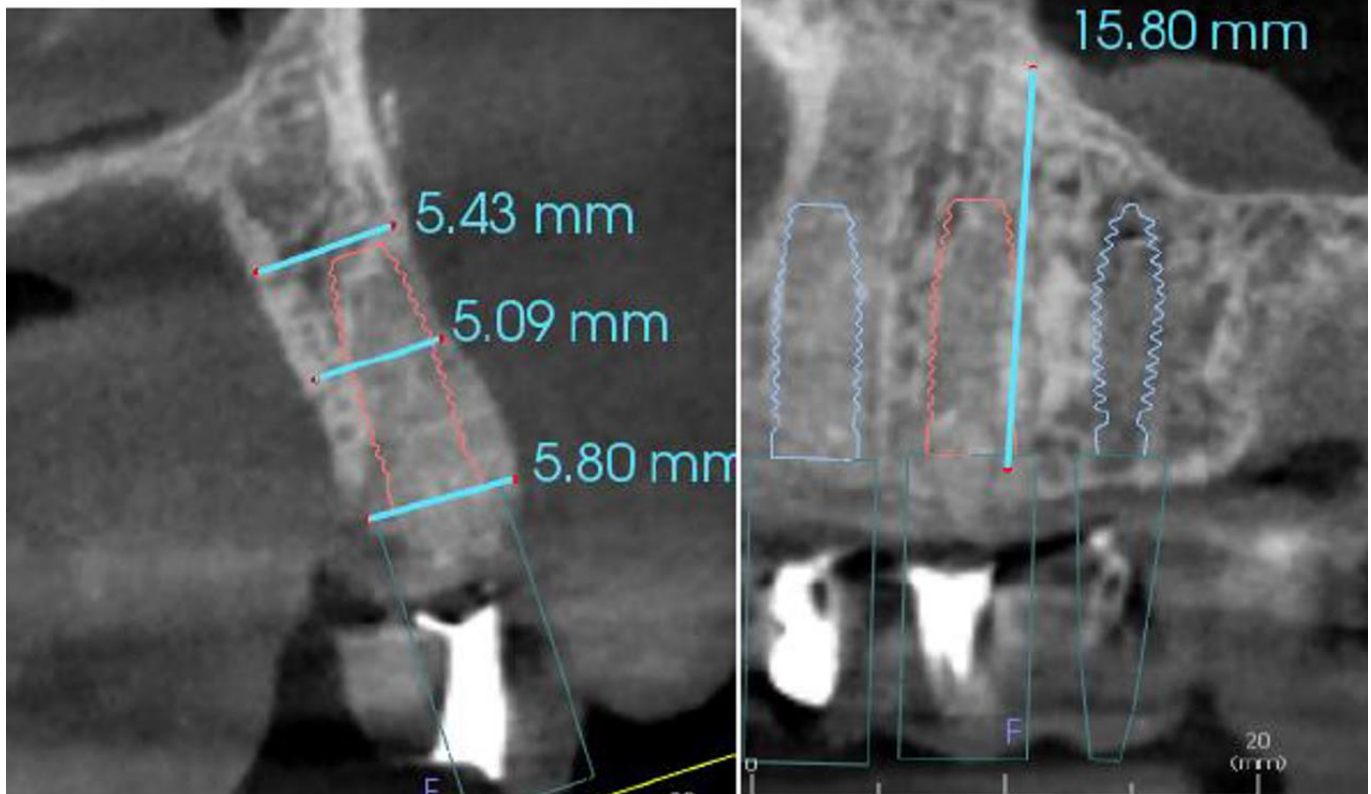
Screenshots: *Disclaimer: No measurements should be made from attached images. These images are only representative slices.*



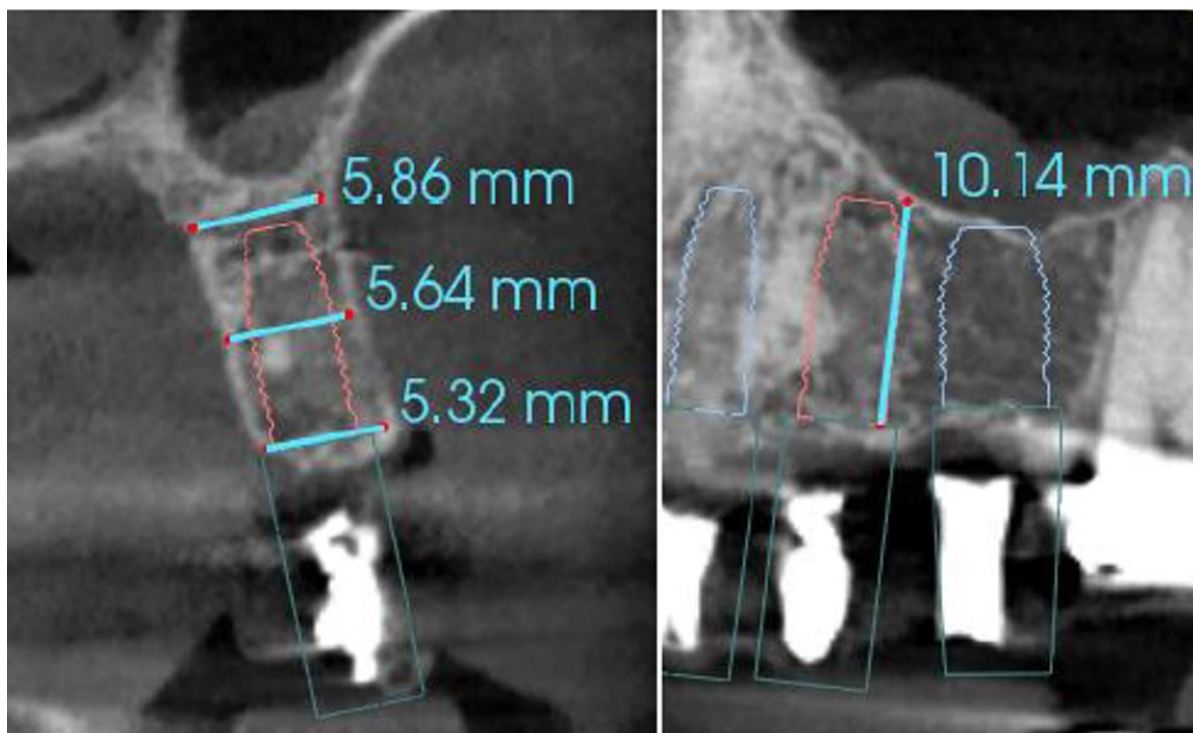
Reformatted Panoramic with preliminary implant planning.



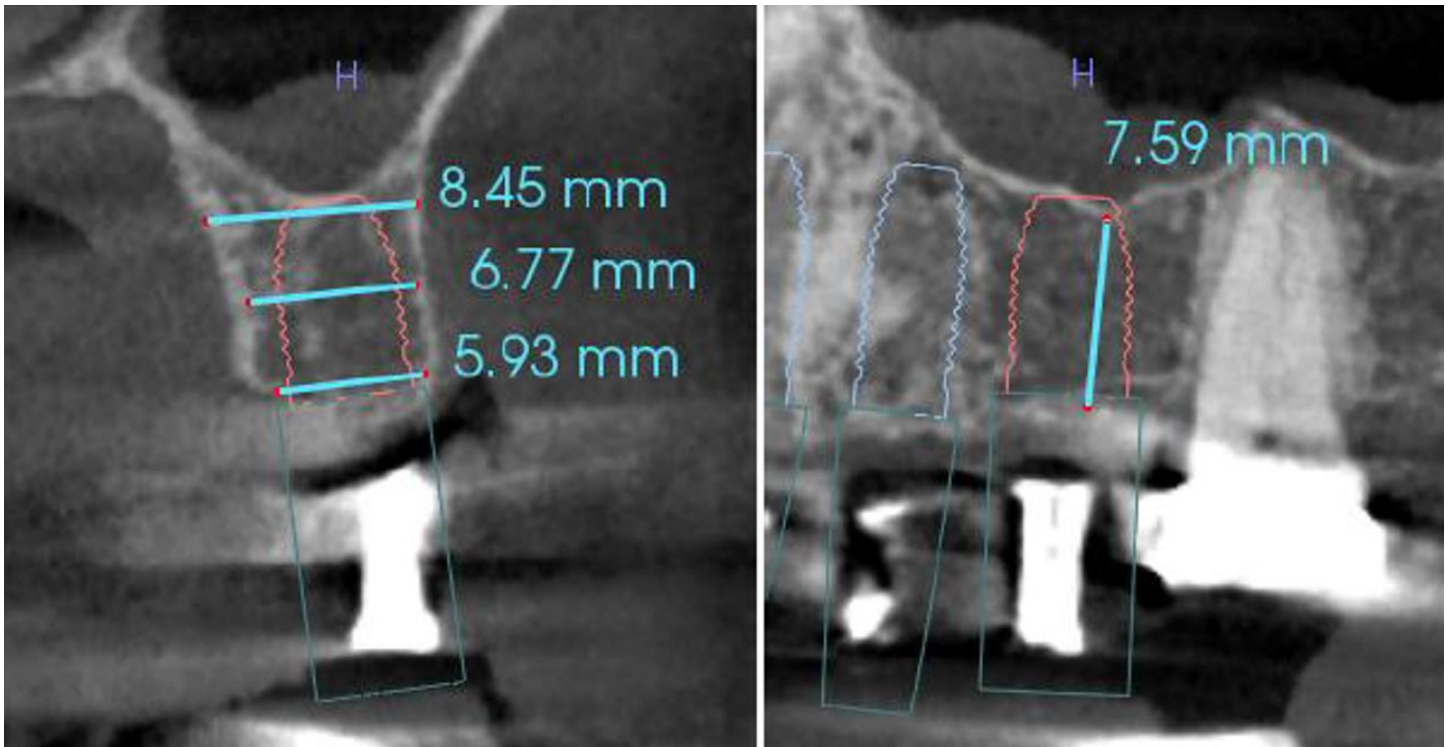
Parasagittal and paracoronal views of planned implant site(s): 11 (dummy implant 3.5x10 mm)



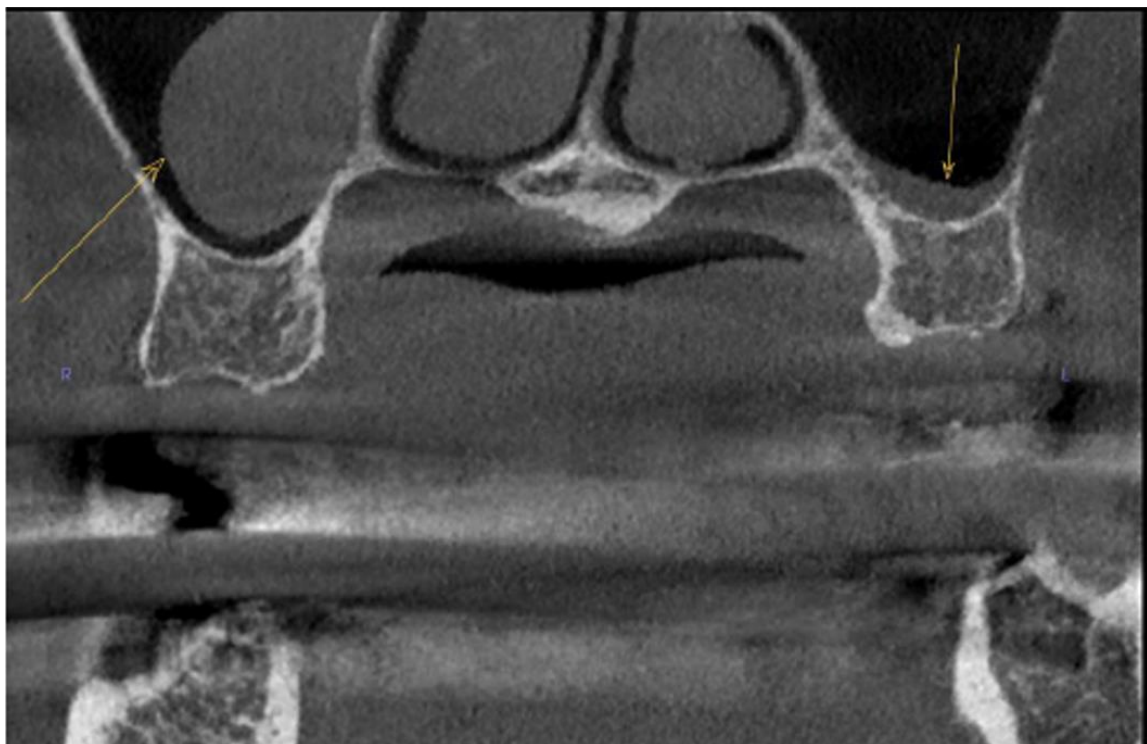
Parasagittal and paracoronal views of planned implant site(s): 12 (dummy implant 3.5x10 mm)



Parasagittal and paracoronal views of planned implant site(s): 13 (dummy implant 4.0x10 mm)



Parasagittal and paracoronal views of planned implant site(s): 14 (dummy implant 5.0x8 mm)



Coronal view of Mucous retention pseudocyst seen along the medial wall of the right maxillary sinus and minimal mucosal thickening along the floor of the left maxillary sinus.