

Study: Maxillofacial CBCT
Patient: **Sample Implant Planning Report**
Referring Doctor:
Practice Address:

Study Date:
Date of Birth:
Sex:

History: Complete edentulism, high blood pressure
Indications: Treatment planning implants in the anterior mandible, area of 22 and 27

Study Details

- Medium field of view CBCT extending from the level of the sphenoid sinuses to the hyoid bone.
- Dentures and fiducial markers are present.

General Report

- Complete edentulism.
- Residual ridge resorption is seen in the maxilla and mandible.
- Planned implant sites 22 and 27:
 - o Mild residual ridge resorption is seen.
 - o The labial and lingual cortical plates are intact.
 - o The trabeculation appears within the range of normal.
 - o Negative for radiographic signs of osseous pathology.
 - o The incisive branch of the IACs is moderately well-traceable and has been outlined.
 - o See images below for approximate bone width and height measurements.
- Sparse trabeculation is seen in the posterior mandible, suggestive of osteopenia.
- A palatal torus and palatal exostoses are present in the maxilla.

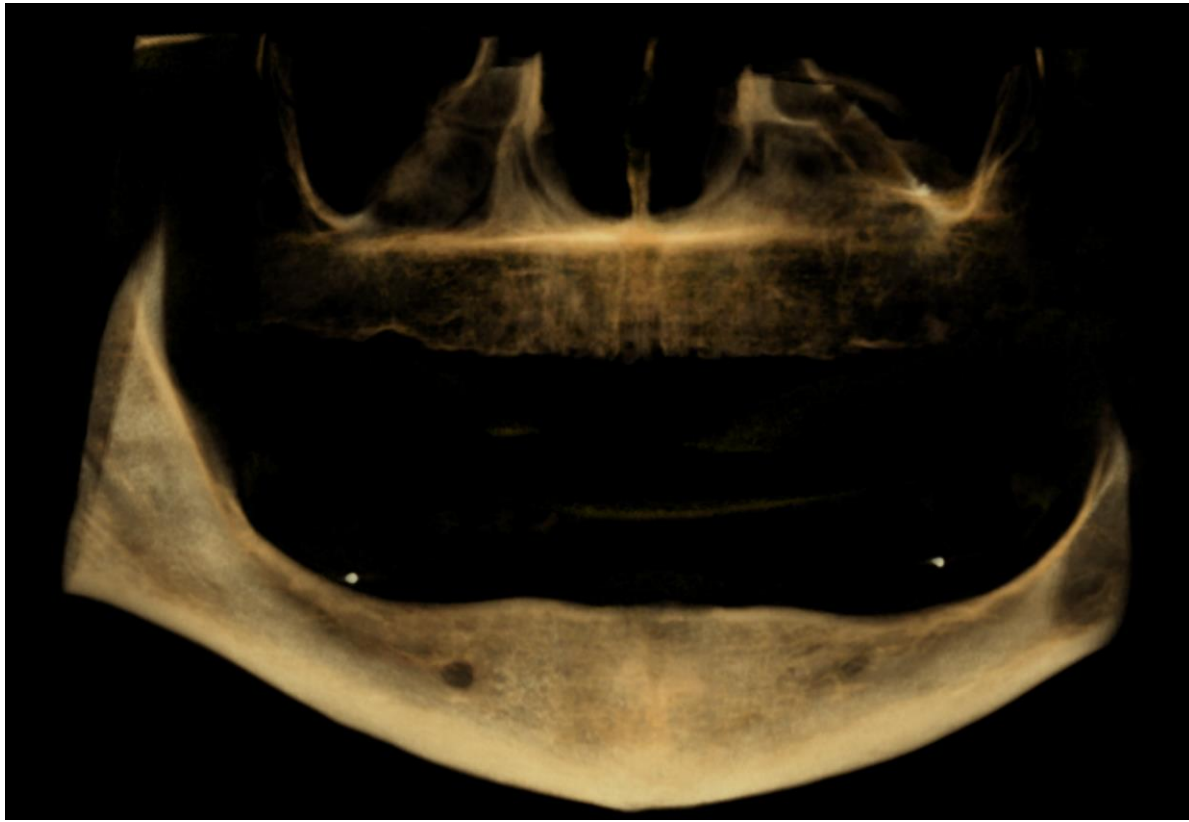
IMPRESSION:

- Complete edentulism.
- Planned implant sites 22, 27: Adequate bone volume for implant placement and negative for radiographic signs of osseous pathology.

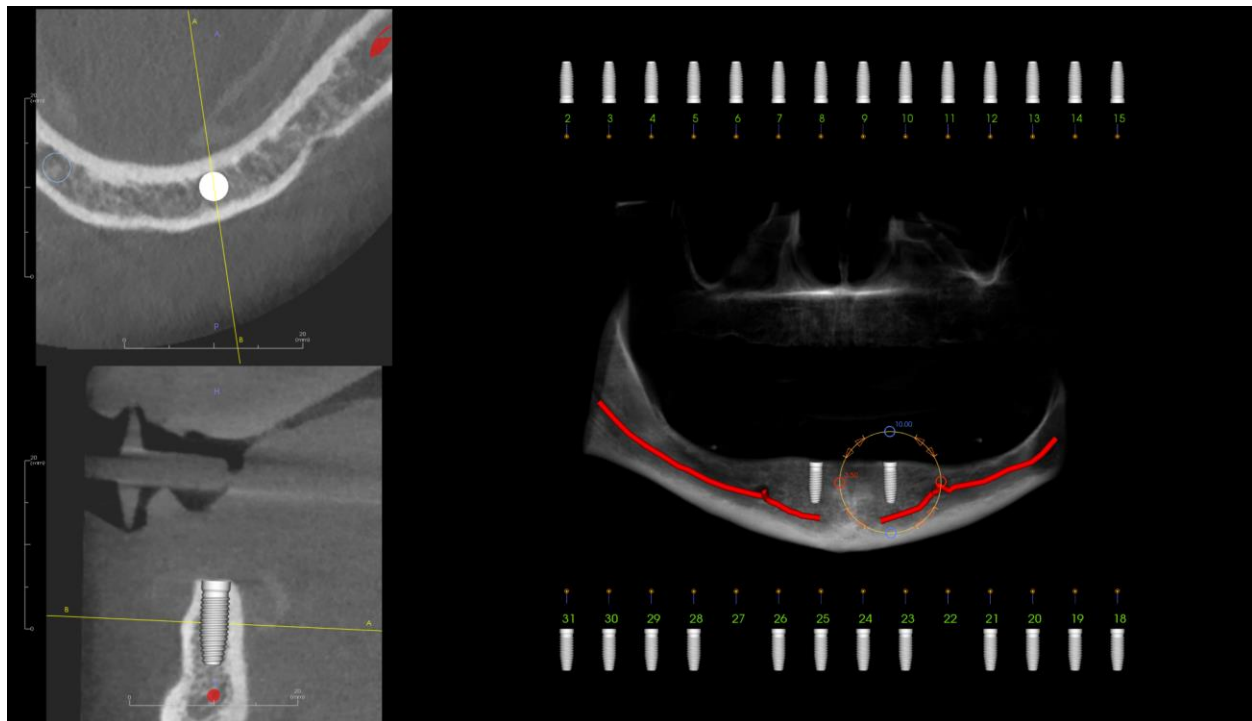
Brian P. Jardina

Brian P. Jardina, DMD
Oral and Maxillofacial Radiologist
Verified Date:

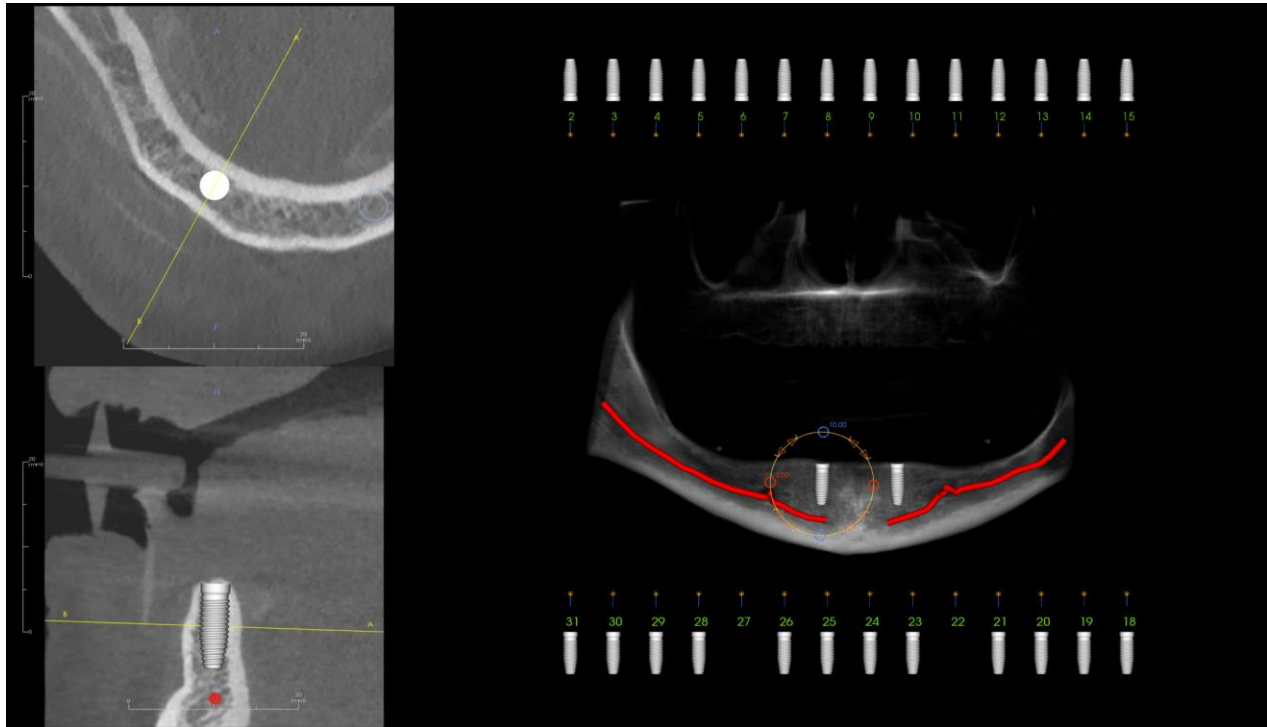
Disclaimer: Please note that measurements should not be made from any attached images. The provided images are only representative slices. For implant planning, please reconstruct the region of interest in the desired plane with ideal virtual implant positioning before making measurements.



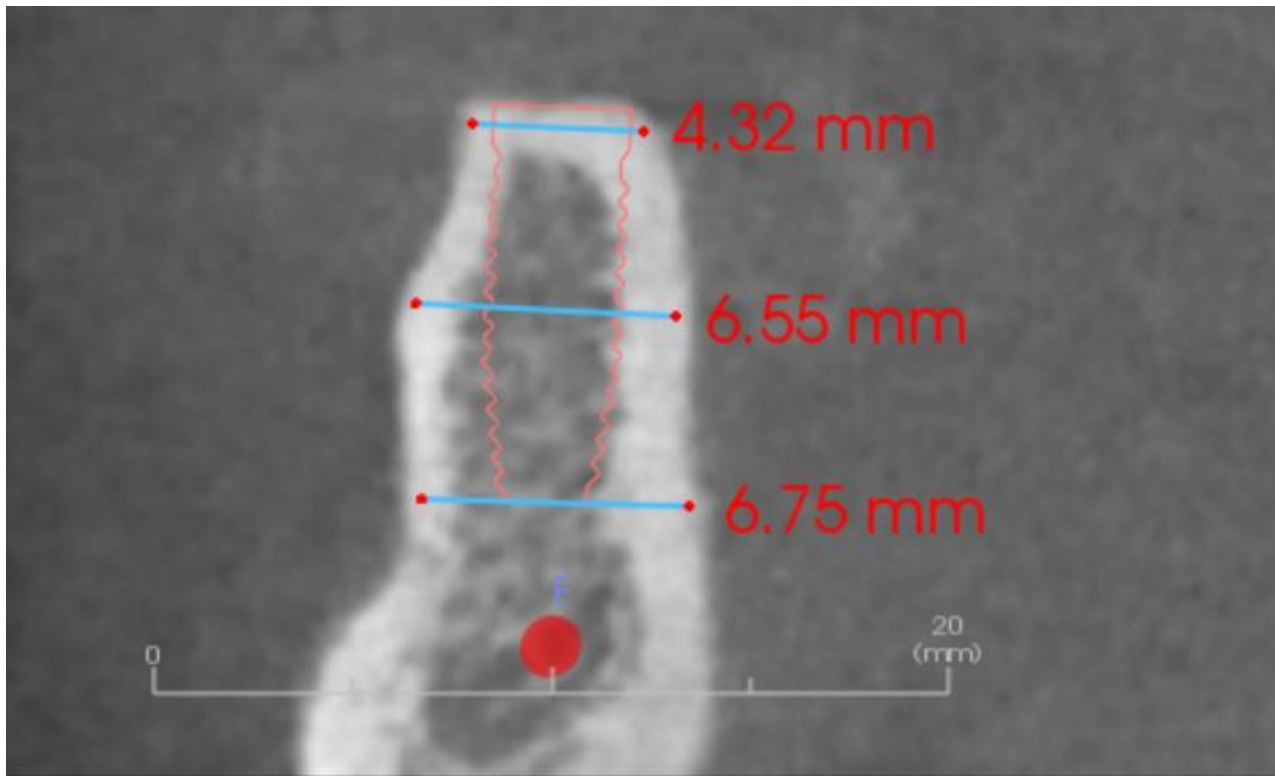
Reformatted panoramic.



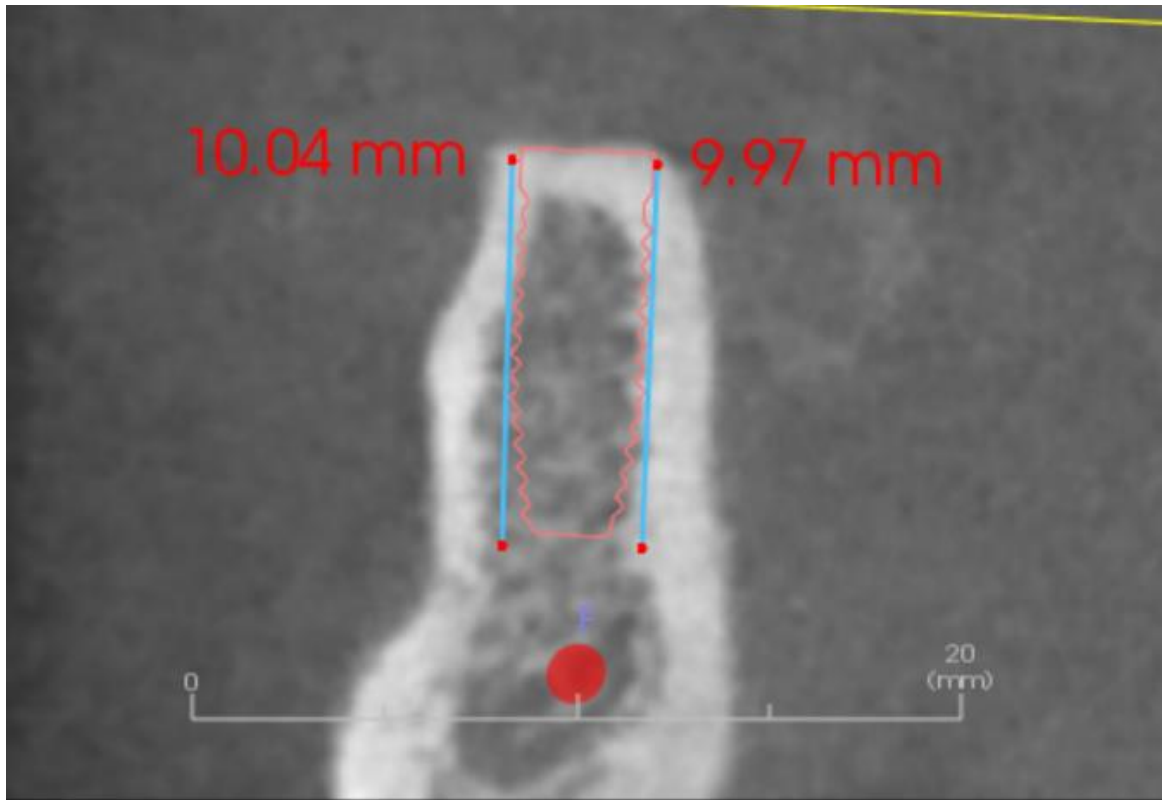
Axial, reformatted panoramic, and cross-sectional images of planned implant site 22 (virtual implant 3.5 x 10.0 mm).



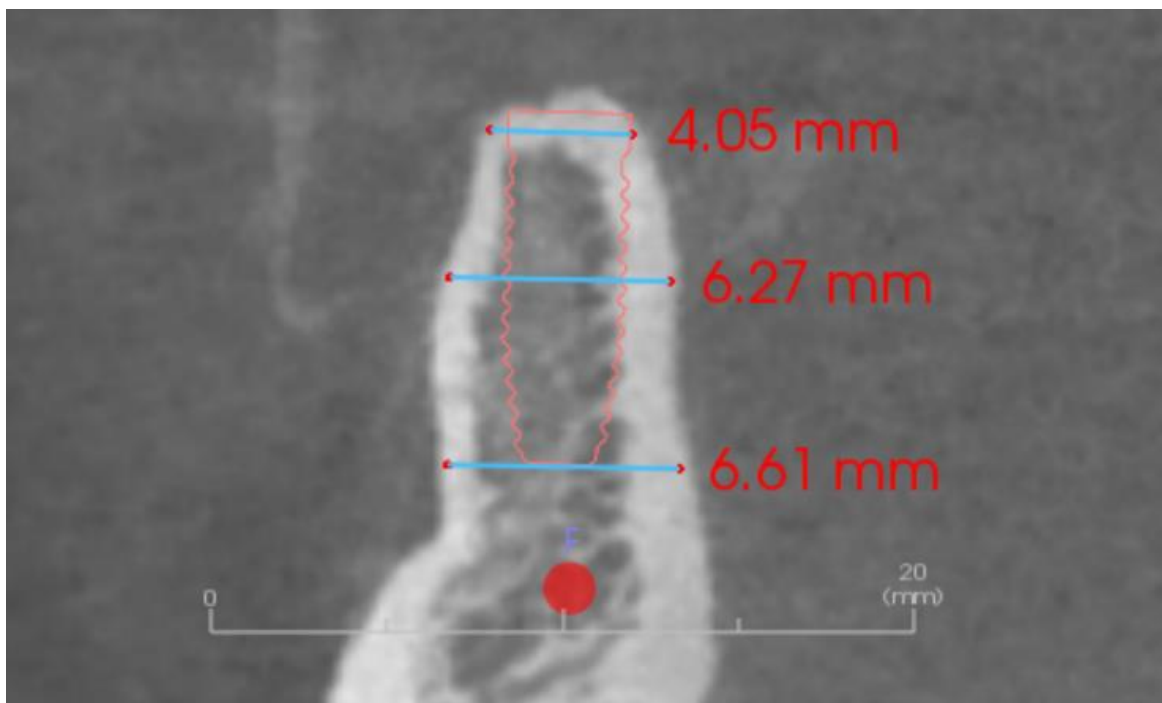
Axial, reformatted panoramic, and cross-sectional images of planned implant site 27 (virtual implant 3.5 x 10.0 mm).



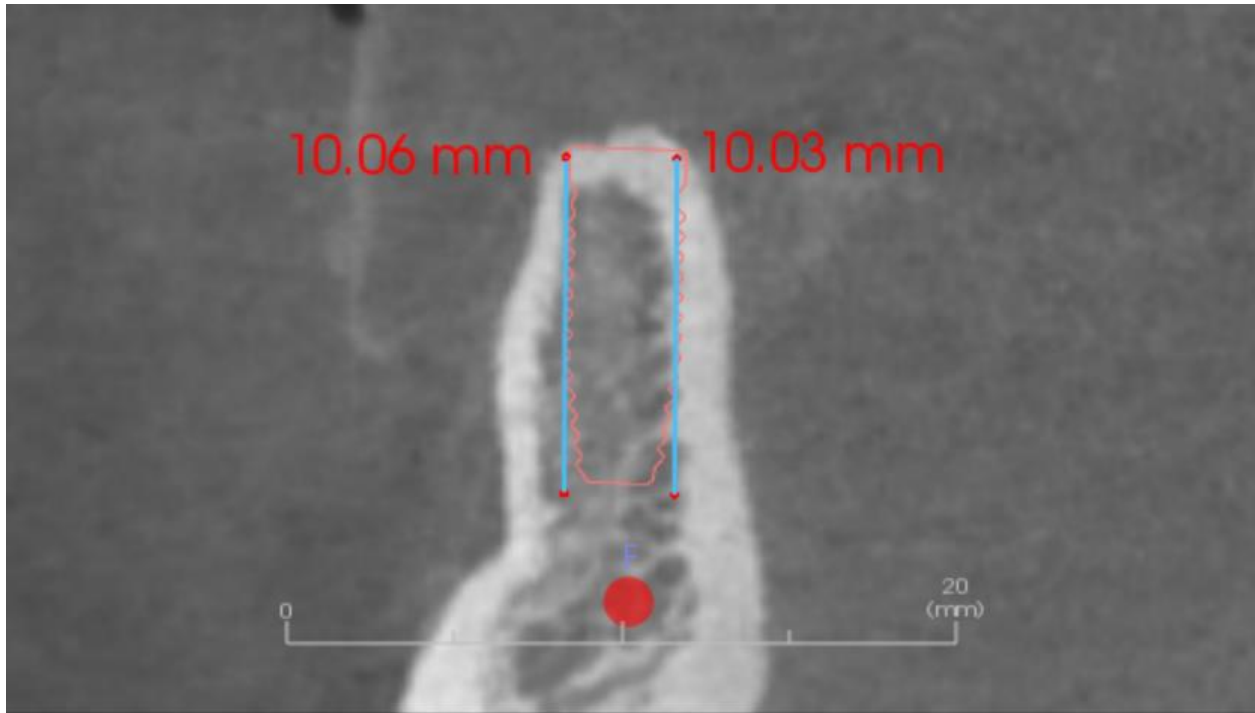
Cross-sectional image at planned implant site 22 with approximate bone width measurements (virtual implant 3.5 x 10.0 mm).



Cross-sectional image at planned implant site 22 with approximate bone height measurements (virtual implant 3.5 x 10.0 mm).



Cross-sectional image at planned implant site 27 with approximate bone width measurements (virtual implant 3.5 x 10.0 mm).



Cross-sectional image at planned implant site 27 with approximate bone height measurements (virtual implant 3.5 x 10.0 mm).