

Name: I

Date of Exam: 01/28/2016

Date of Birth: 05/27/1991

Report of Consultation

Procedure: Cone Beam Computed Tomography examination

Ordered by: T. Kosinski DDS

Clinical Statement: Patient is a 24 yo male who presents with missing maxillary anterior teeth # 7 and # 10. CBCT scan conducted for pre-implant treatment planning

Technique: The VaTech 3D CBCT scanner PaX-i3D Green was used to acquire basis images 360 degrees around the patient's head from which axial, coronal & sagittal sections were reconstructed.

MAXILLARY ANTERIOR FINDINGS:

- Missing teeth # 7 and # 10.
- Missing tooth # 7 area: Moderate residual ridge height and width. A well-defined, spherical, homogeneously low-attenuation radiolucent area approximately (4mm x 4mm x 5mm) with thick radiopaque borders is seen apical to the area of missing tooth # 7. This radiolucent area is communicating with the palatal cortical plate and is present superior to the apex of adjacent tooth # 8. Radiographic Impression: Variation of normal anatomy - Possible inclusion defect/ partial cleft formation.
Recommended no active treatment. Recommended follow up radiographic study at 12 months and no further follow-up, if appearance remains the same.
- Missing tooth # 10 area: Moderate residual ridge height and width.
- Slight apical external root resorption of teeth # 8 and #9. Recommended correlation with orthodontic radiographic records

SINUSES: A well-defined, dome shaped, soft tissue/fluid density is seen along the floor of right maxillary sinus. No break in the continuity of maxillary sinus. No change in the density of maxillary sinus floor is observed. Radiographic Impression: Mucous retention pseudocyst

Impressions:

- **Missing teeth # 7 and # 10 with moderate residual ridge height and width**
- **Possible inclusion defect/ partial cleft in area of missing tooth # 7**
- **Small right maxillary mucous retention pseudocyst**

Cone Beam CT images are suboptimal for the visualization of soft tissue and fine bone detail. If you have any questions about the images or their interpretation, or would like to go over the entire scan volume please call Ph:919.943.5474 or e-mail me at cbctscans@gmail.com

Sincerely,



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Diplomate, American Board of Oral and Maxillofacial Radiology

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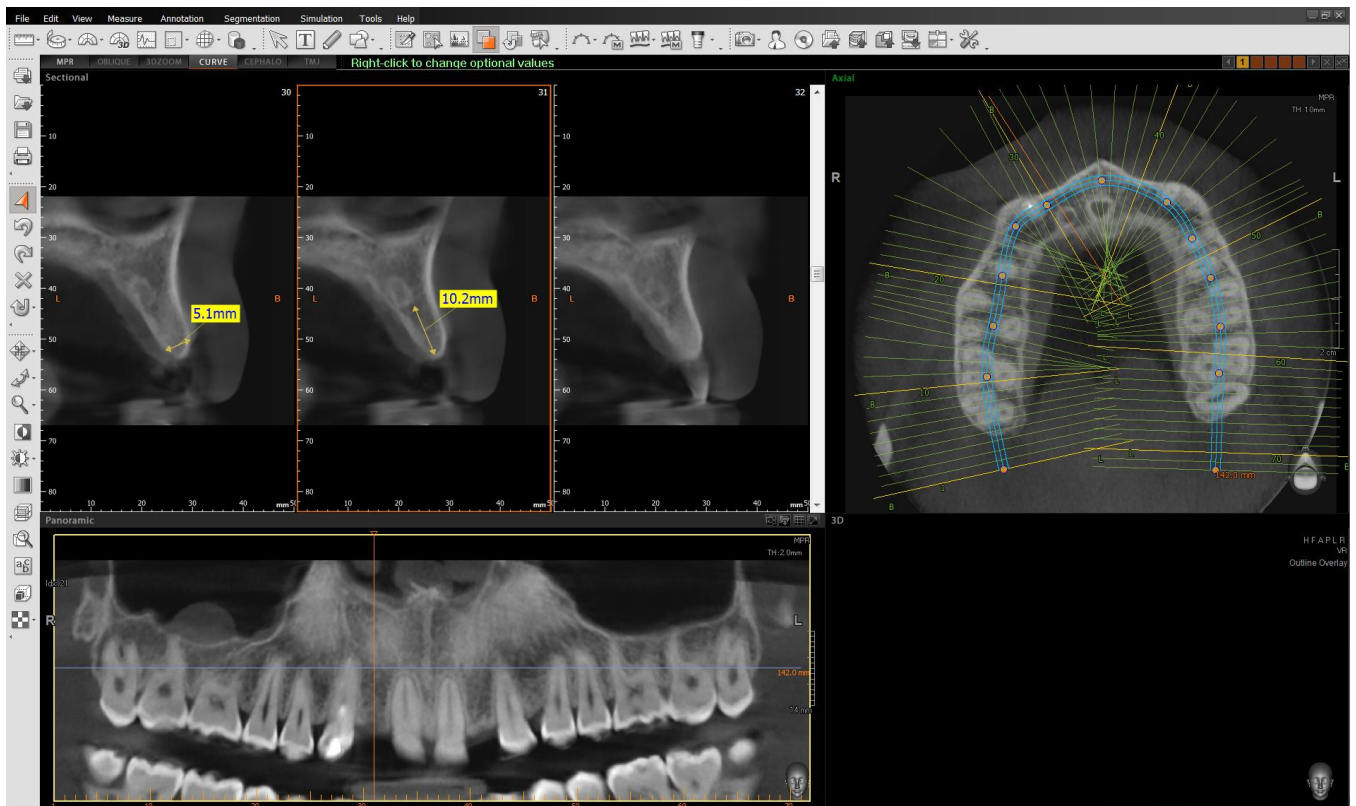
E-mail: cbctscans@gmail.com

Electronically signed on 02/11/2016 at 5:30 pm

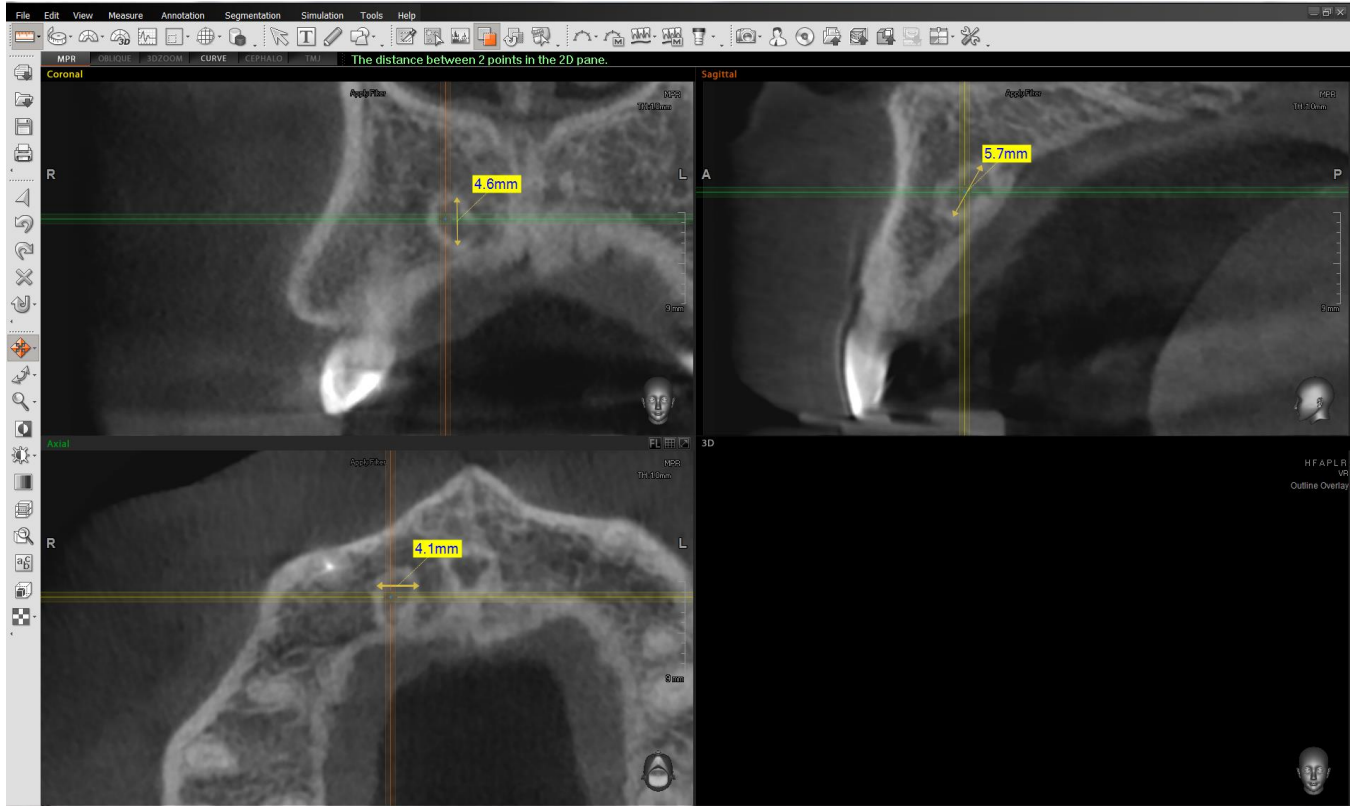
Pertinent Images:



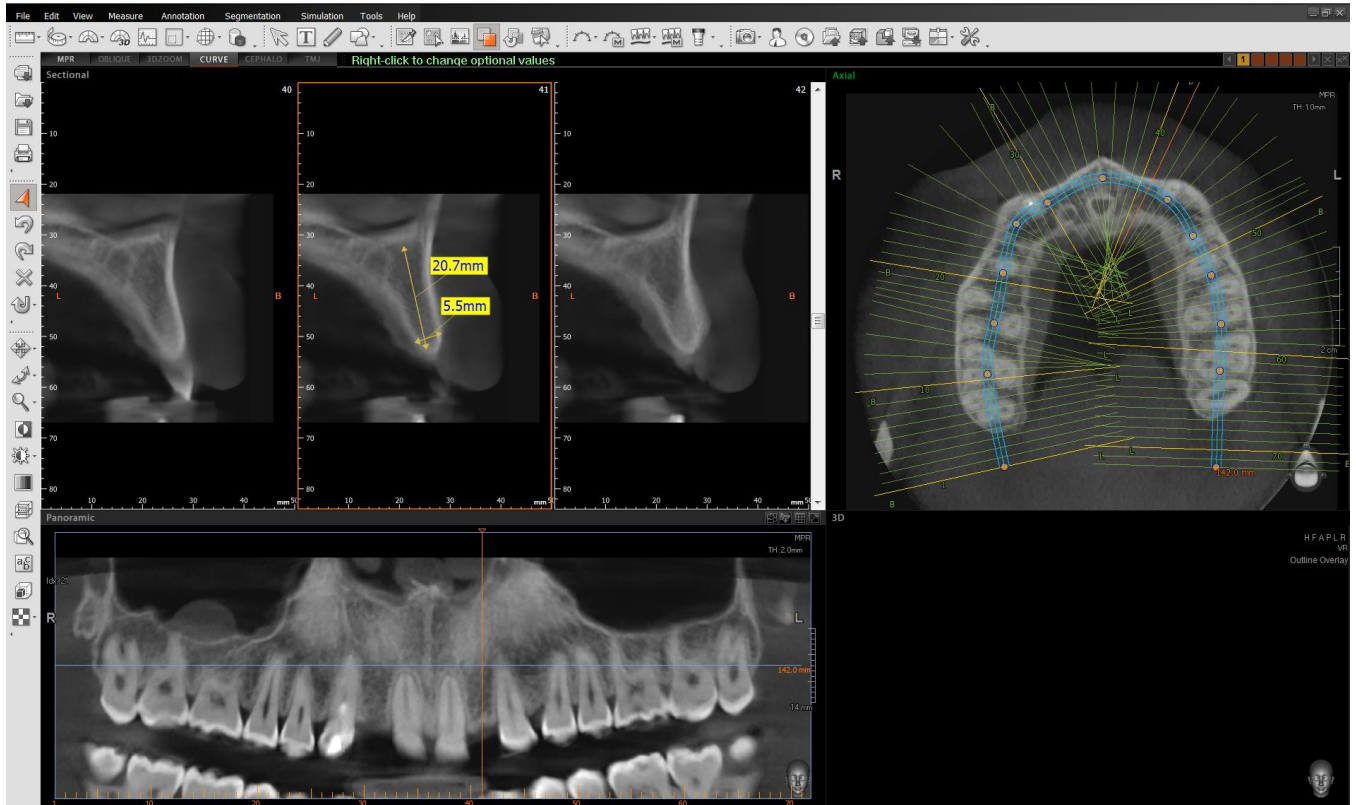
3D Surface Rendering



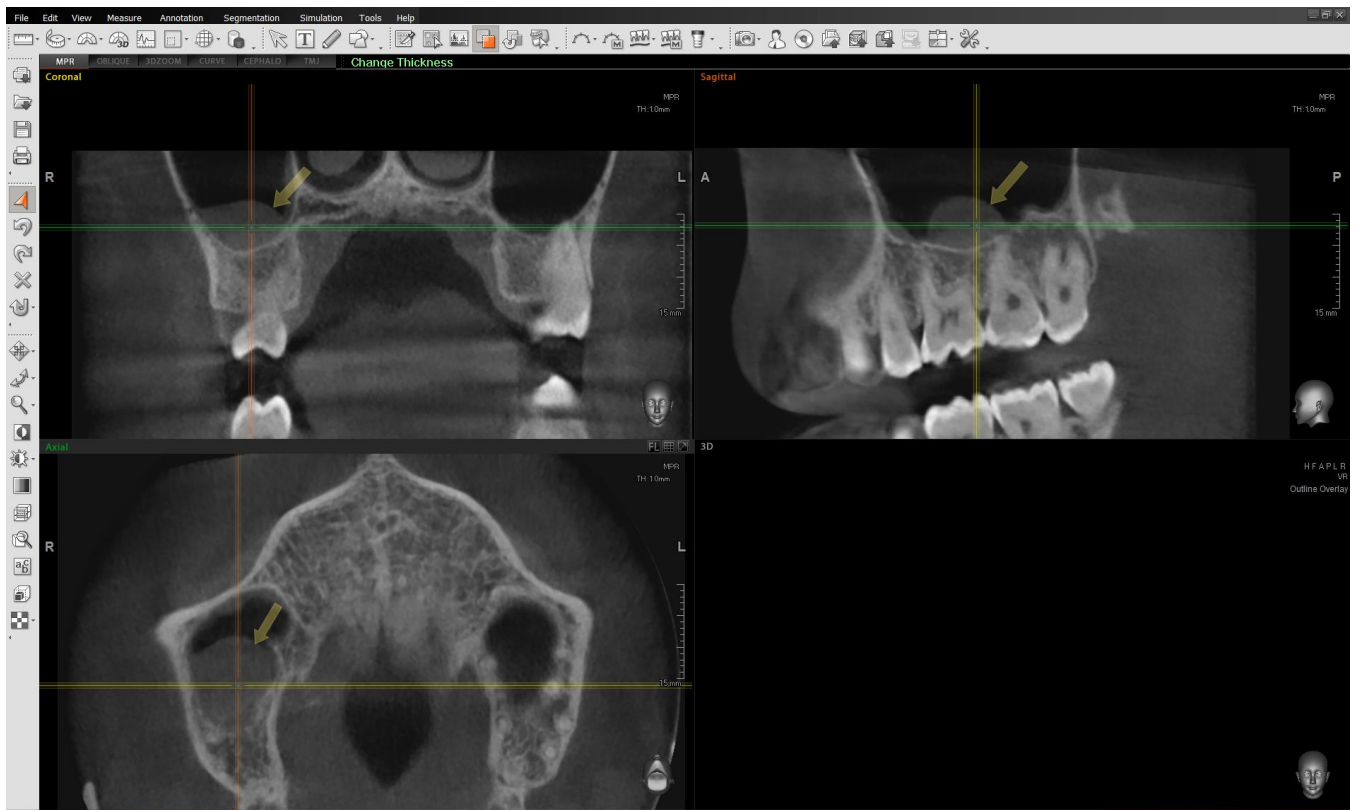
Missing tooth # 7 site:



Possible inclusion defect/ partial cleft in area of missing tooth # 7



Missing tooth # 10 site:



Small right maxillary mucous retention pseudocyst