

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: 1960-01-01
Sex: M
Study Date: 2024-05-01

History: Edentulous space 2

Indications: Implant placement 2

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:

- Soft tissue mass in the left superior meatus obstructing the left sphenoid sinus drainage with secondary air-fluid level and aerosolized secretions. This lesion appears to be a benign entity such as a nasal polyp however ENT referral is advised for further assessment.
- Reduced bone volume for implant placement at site of missing 2

Study Details:

- Medium field of view CBCT extending from the level of the ethmoid air cells to the odontoid process of C2.
- Scan aligned to Frankfort-Horizontal plane for review.

Dentoalveolar:

- Missing teeth (maxilla): 2, 14-16.
- 2: Edentulous site with reduced bone volume for implant placement due to residual ridge resorption and position of the floor of the left maxillary sinus.
- 14: Restored implant. No evidence of implant failure.
- Generalized moderate periodontal bone loss.
 - Furcation involvement:

Paranasal Sinuses:

- Mucosal thickening seen in both maxillary sinuses, the right more than the left
- Well-circumscribed soft tissue mass seen in the left superior meatus obstructing the left sphenoethmoidal recess. No evidence of bony erosions or displacement of nearby structures. Air-fluid level with aerosolized secretions seen in the left maxillary sinus.
- Ostiomeatal complexes appear patent

Airway:

- Leftward deviation of the anterior aspect of the nasal septum.

Cervical Spine:

- Mild osteoarthritic changes are seen including loss of atlantoaxial interval and sclerosis.

Other Findings:

- Internal carotid artery calcifications seen bilaterally in the parasellar region.

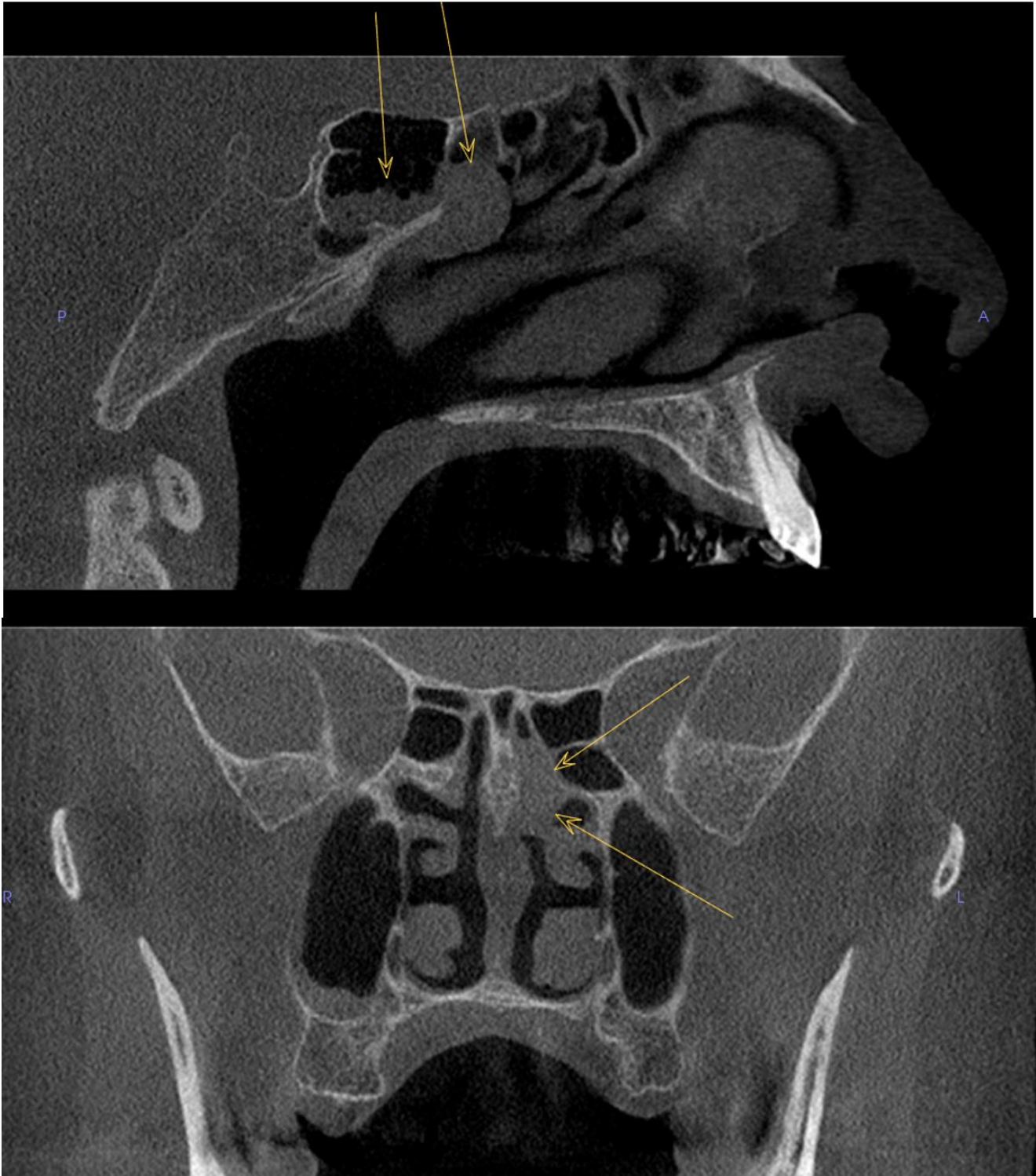
Signature: _____

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.*



Sagittal and coronal views of soft tissue mass in the left superior meatus obstructing the left sphenoethmoidal recess with secondary air/fluid level and aerosolized secretions in the left sphenoid sinus.