**RADIOGRAPHIC TECHNIQUE:**
Examination with the iCAT CBCT unit was performed in the Radiology Clinic of the Department of Oral Health & Diagnostic Sciences.

Any measurements provided are at a magnification factor of 1:1. Please note that any measurements provided are intended to give an approximation only of the available bone. It is recommended that the clinician perform their own measurements prior to implant placement.

**RADIOGRAPHIC FINDINGS:**
Evaluation of the CBCT anatomical volume is intended as an overall review for pathology and abnormalities. All viewed structures determined to have no significant findings are reported as no abnormalities detected.

- **Paranasal Sinuses:** No abnormalities detected
- **Nasal Cavities:** No abnormalities detected
- **Temporomandibular Joints:** No abnormalities detected
- **Airway:** No abnormalities detected
- **Osseous Structures:** No abnormalities detected
- **Dental findings:** Field of view is limited to maxilla. PDL widening on #9.

#8: PARL with expansion and non-uniform thinning of facial plate with likely perforation. Small vertical defect on distolingual aspect. Possible small fracture line at the level of the vertical defect. External resorption at apex.

**Other findings:** No abnormalities detected

**DIAGNOSTIC IMPRESSION:**
- #9-clinical correlation is needed to determine clinical significance.
- #8-radiographic findings are suggestive of chronic apical periodontitis and possible small fracture line at distolingual aspect (level of vertical defect).

*Evaluation is limited to the capability of CBCT imaging and any further assessment of dental related conditions is best performed by conventional dental radiography. The radiographic findings must be correlated with clinical findings and appropriate diagnostic tests. This is a consultative report only and is not intended to be a definitive diagnosis or treatment plan. For further information please feel free to contact us at: 706-721-2264*

Thank you for the referral of this patient and the opportunity to serve your practice.

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Allison K. Buchanan DMD, MS  
Diplomate, American Board of Oral & Maxillofacial Radiology
THE FOLLOWING ARE THUMBNAIL VIEWS OF IMAGES FROM THE ACQUIRED DATA

#8, Small fracture line with adjacent vertical bone loss

#8