

**Patient Details:**

Name: XXXX

DoB: 00.04.1900

Image Title/Technique: CBCT left maxilla

**Clinical History:** UL3 (23) has internal root resorption, to assess the extent.

**Scan date:** 11.11.2019

**Referrer:** Dr. YYYY

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**Radiology Report:****Findings:**

UL1-5 region is imaged. The UL3 has a distal restoration coronally – there is associated reduced density which may represent artefact but secondary caries is possible.

Of significance is a large (~9 x 7 x 5mm) internal resorptive defect of the canine tooth centered on the coronal / mid root third. At the most apical aspect of the defect just into the apical third there appears a tiny track mesio-buccally to root surface. The canal in the apical third is mildly prominent but of uniform dimension until it subtly balloons out at the apex. The periodontal ligament space is normal and there is no bone pathology distal to the root – no evident ankylosis. The distal root surface and bone appears intact radiologically.

Note is made of coronal pulp calcification of the UL1 and mild widening of the pulp canal at the apex – a similar feature seen in the UL3. The UL1 is also apically sound.

The UL2 has mild pulpal calcification.

Of note also are short tooth roots, particularly the premolars – this could relate to normal anatomy or idiopathic external root resorption with bony replacement that could relate to trauma or previous orthodontic tooth



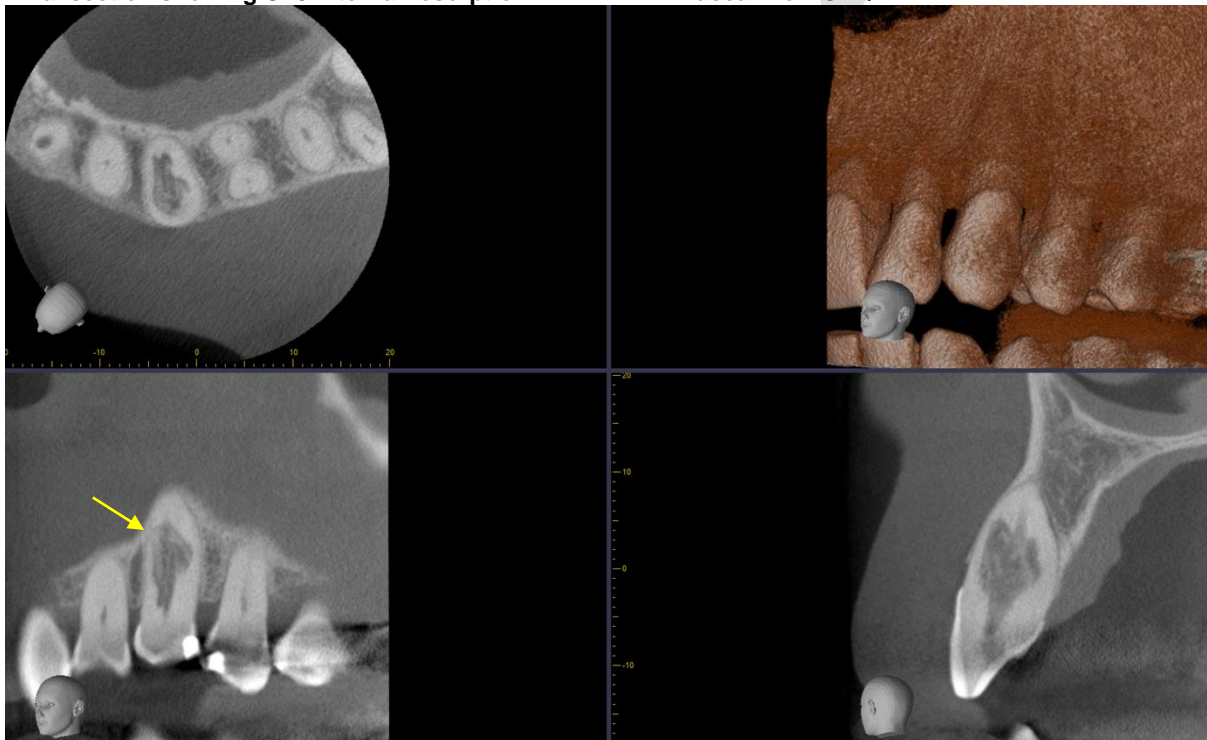
movement. The UL5 has moderate periodontal bone loss and a widened palatal periodontal ligament space to the disto-palatal apex. Clinical correlation and vitality check are advised.

Unremarkable mild mucosal thickening lines the left maxillary sinus base, benign features of doubtful clinical significance.

No further finding of concern.

Axial section showing UL3 internal resorption

Buccal view ULQ



Coronal section showing suspected mesio-buccal breach arrowed Long axis UL3

**Comment: Significant internal resorption UL3 spanning the coronal and mid third with a potential small mesio-buccal breach of the root surface. Possible early internal resorption apically in the UL1.**

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**Reporting Consultant:**

**Dr ZZZZZ**

**GDC registration 00000**

**Consultant Radiologist**

**Fusion Radiology UK Ltd**