



RADIOLOGY SCAN REPORT

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GDC 72019

Patient Name:

DOB:

Image: CBCT left mandible

Clinical history / Purpose: Root resorption ecr extent? LL6

Date of scan: 19.06.2024

Referring clinician: Dr Biraj Patel

Report date:

Findings:

LL3-8 region is imaged, LL4 and 8 are absent. LL3, 5 and 6 have short roots suggesting an element of idiopathic external resorption with bony replacement, the PDL spaces of the roots are intact.

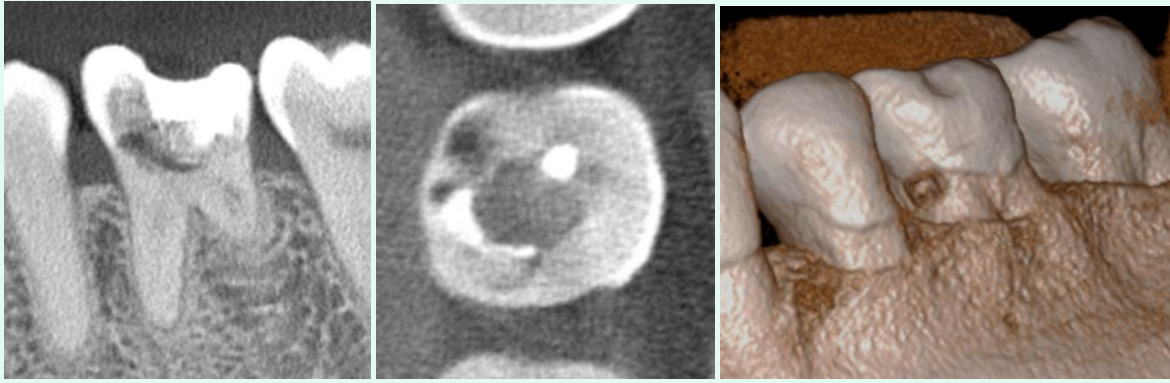
LL7 has deep distal vertical bone loss and some mild irregularity of the distal root surface which could represent some iatrogenic damage or possibly some shallow resorption. The tooth is apically sound, there is some pulp chamber calcification.

LL6 is 3 rooted, it is coronally restored, there is a mesio-lingual defect beneath the restoration that may either caries or a resorptive process. The defect is noted within the crown. In addition, there is a mesio-buccal oval-shaped smooth 6mm lesion that extends into the pulpal anatomy and just breaches mesial CEJ, there is also a buccal repair restoration. The resorption extends almost into the mid pulp canal of the mesio-buccal root, the disto-buccal root is essentially intact, there is a small additional focus of resorption suspected to be internal resorption in the disto-lingual coronal root third. Furcation bone is intact.

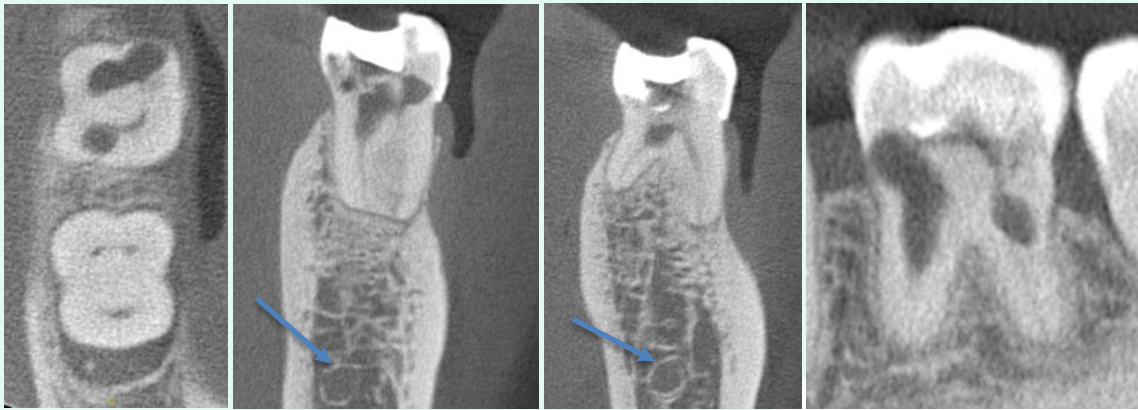
LL6 has 2 separate mesial pulp canals and a single pulp canal in the other 2 roots.

Features may be focal areas of internal resorption affecting the mesial and distal lingual roots / coronal pulp canals but a further defect in the crown is either caries or an external resorptive process (less likely artefact). See images below.

Comment: There are 3 separate areas within the LL6 just below the restoration is a defect that could be caries or external resorption there are separate smooth foci of resorption within the lingual aspect of the tooth associated with the mesial lingual canal mesio-buccal coronal canal and the distal lingual coronal canal. The tooth surface breaches are supra-crestal.



Oblique sagittal LL6 crown Axial LL6 crown Buccal LL567



Axial LL6 coronal root Coronal mesial root distal roots LL6 Oblique sagittal LL6

IDNC arrowed.