

Date of study:

Referral:

Patient ID:

Patient name:

Date of birth:

Address:

Cone Beam CT

A CT dataset of the anterior half of the skull and cervical vertebrae was acquired and reconstructed. The resultant axial, coronal, sagittal and orthoradial reconstructions were examined.

There is no evidence of lesions and generalised bone pattern is within the range of normal.

Visualised airways appear patent.

The cranial skull base appears to be within the range of normal.

PARANASAL SINUSES: Thickening of sinus mucosa noted bilaterally **s/o bilateral maxillary sinusitis.**

NASAL CAVITY: Deviated nasal septum noted. Pneumatisation of mid conchae noted with right nasal cavity noted. Loss of lateral nasal wall leading to Naso-antral communication appreciated.

TMJ: Mild degenerative changes appreciated with bilateral TMJ. Mild intra-articular space disparity noted with left & right TMJ.

CERVICAL Vertebrae : Mild degenerative changes appreciated.

TEETH:

16 15 14 13 12 11 21 22 23 24 25 26
45 44 43 42 41 31 32 33 34 35

- **Missing 17,27, 36,37,46,47**
- **11,21- Inter-proximal hypodensity noted s/o dental caries or non-opaque restoration. Advised clinical correlation.**
- **23- Rarefaction underlying restorative material noted s/o secondary caries. Peri-apical PDL widening noted s/o apical periodontitis.**
- **24- Peri-apical & peri-radicular extrusion of endodontic restorative material noted. However, no gross radiographic signs of inflammation appreciated.**
- **25- Suspected crack line involving mesial aspect of crown noted. However, couldn't localise the crack line in all three sections. Hence, clinical correlation advised to differentiate from radiographic artefact. No gross peri-apical changes appreciable.**
- **36- Well defined radio-opaque structure with metallic speck near the crest and rarefying**

lesion near apex noted **s/o Peri-apical lesion involving root piece.**

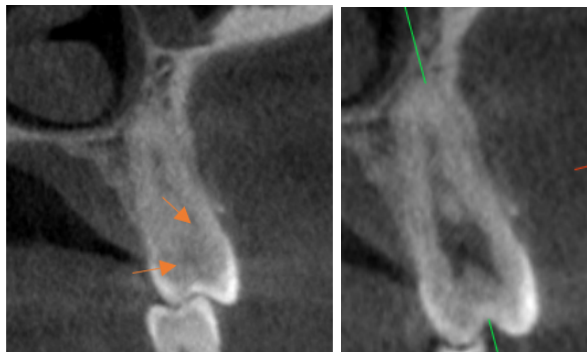
23-



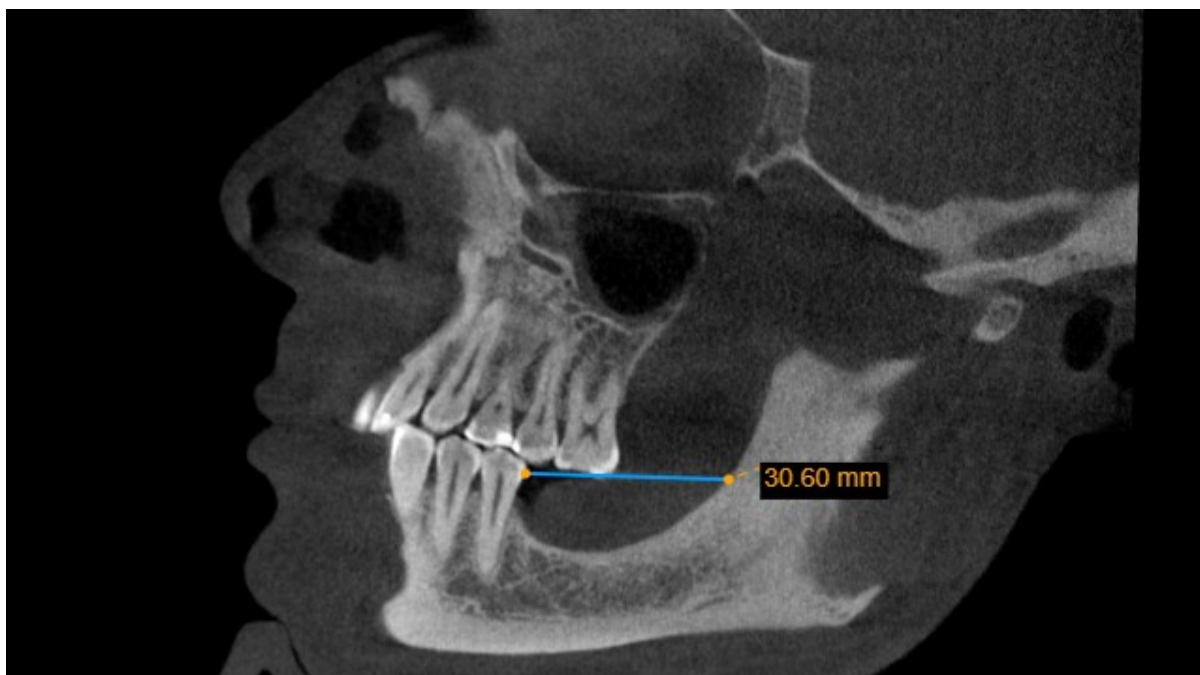
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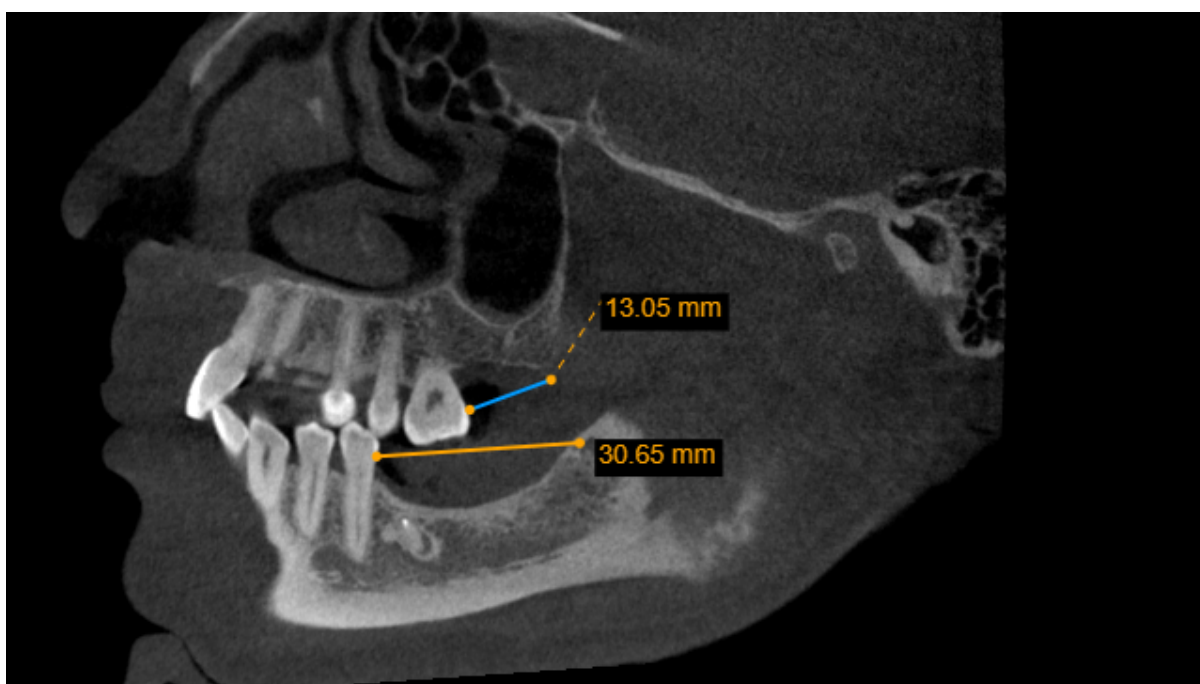
25-



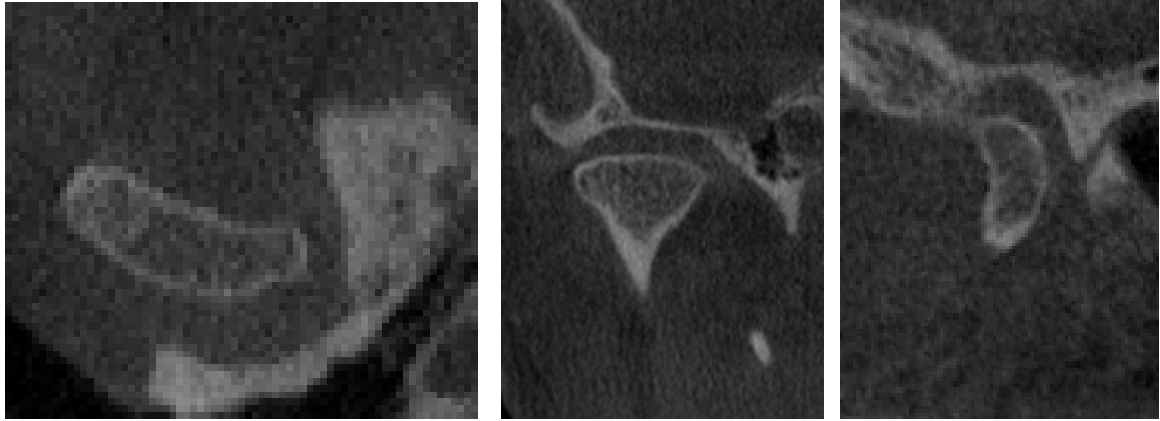
RIGHT SAGITTAL VIEW:



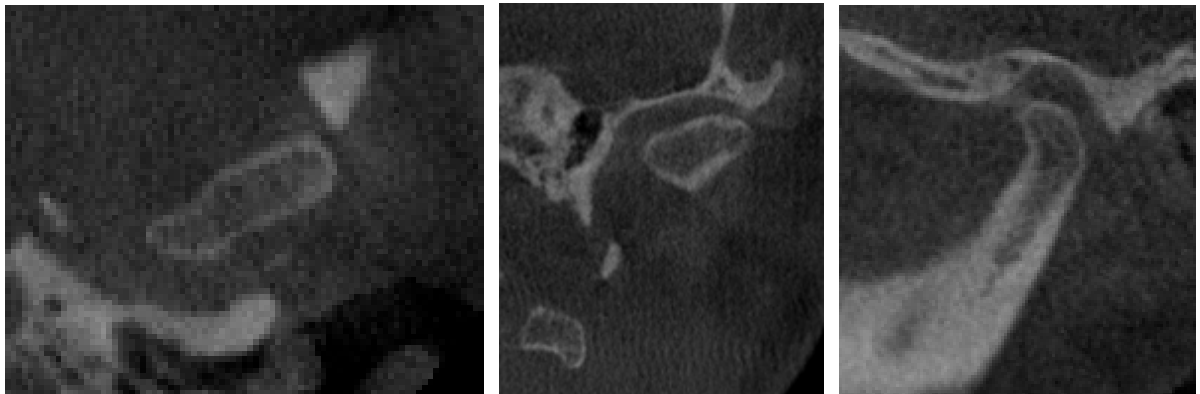
LEFT SAGITTAL VIEW:



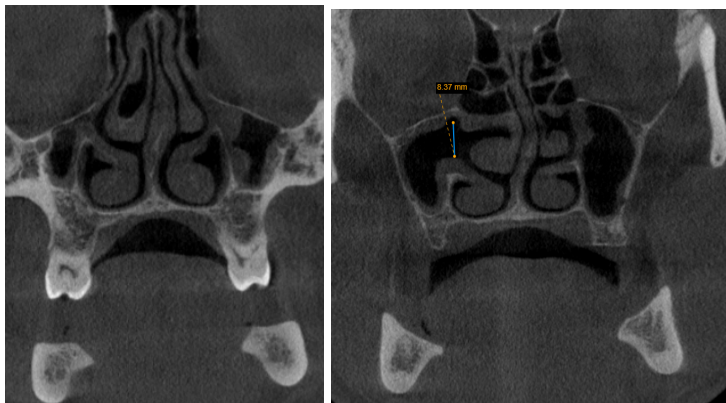
RIGHT TMJ:



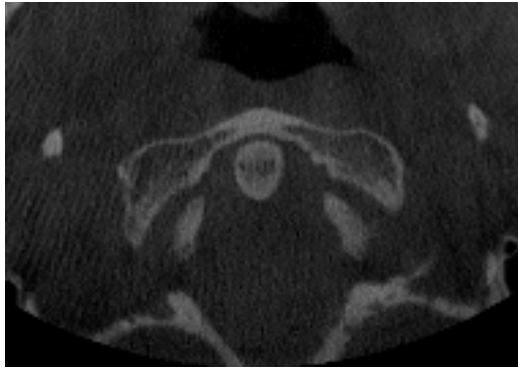
LEFT TMJ:



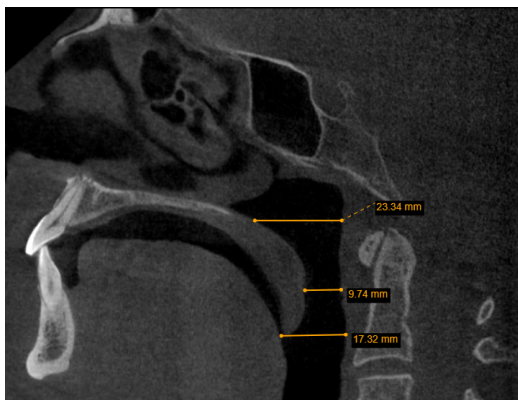
NASAL CAVITY:



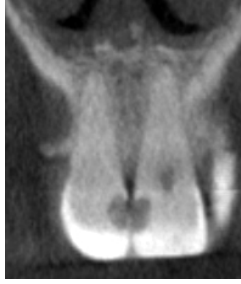
CERVICAL SPINE:



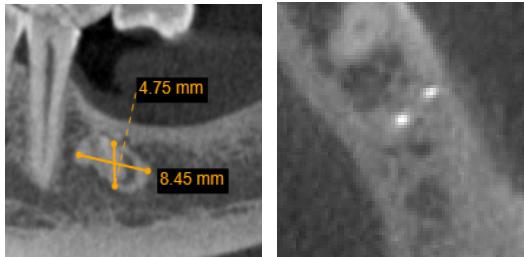
Airway:



11,21



36 Region:



RADIOGRAPHIC IMPRESSION:

- Peri-apical lesion involving root piece with 36 region.
- Apical periodontitis with 23.
- Suspected crack line/ fracture line with 25. Advised clinical correlation to rule out radiographic artefact.
- Dental caries or non-opaque restoration between 11,21 . Advised clinical correlation.
- Mild degenerative changes involving bilateral TMJ and cervical spine. Advised clinical correlation and further TMJ imaging if required.
- Naso-antral communication noted with right nasal cavity and maxillary sinus.

Thank you for your referral