



KUTCH RADIOLOGY & IMAGING CENTRE CBCT & DIGITAL OPG-BHUJ

CONE BEAM CT ASSESSMENT

Name: Aishwarya Kukshal

Date of Assessment: 8th February 2025

Diagnostic Objective: Impacted Maxillary Canines

Scan Parameters:

Voxel Size: 200um

Scan Time: 15 seconds

FOV: 8 x 8 cm

Exposure: 6.01412 dmGy.cm²

Axial & Cross-sectional Setup: Slice Thickness: 0.150mm, Inter slice Distance: 1 mm

CBCT Study: CBCT Maxilla

FINDINGS:

- CBCT of Maxilla shows Palatally and obliquely impacted 13 and 23 with crown palatal to the roots of 12 and 22 and root of 13 apical to the roots of 14 and root of 23 apical to the roots of 24 and 25.
- Hypodensity involving enamel, dentin and approaching pulp in relation to 23.
- No root resorption noted.
- No cystic lesion noted.
- No other abnormality detected.

- **Radiographic Diagnosis:** Palatally and transversely impacted 13 and 23.
- **Chronic Irreversible pulpitis in 23**

Kindly Correlate Clinically.



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Note:

- Bone width is measured bucco-lingually from one outer cortical plate to other; either from alveolar crestal bone or subcrestally.
- Bone height is measured up to Inferior alveolar canal.
- The above measurements estimate bone dimensions with 1:1 accuracy; however; it is strongly recommended to perform exact measurements by dentist.
- It must be noted that CBCT is suboptimal for evaluation of bone density.

Note:

- This report is generated by Oral and Maxillofacial Radiologist and is intended for qualified dental professionals only.
- The above findings are based on radiological assessment only. Interpretation of images may vary in the light of clinical data.
- Correlation with clinical, histopathological findings and further verification of data with provided software is strongly recommended.
- It may be noted that CBCT is suboptimal for evaluation of soft tissues and Bone density values.

Please communicate your queries if any; to Kutch Radiology & Imaging Center.

Kutch Radiology & Imaging Centre thanks you for the referral and opportunity to serve you.

Dr. Vijay K Asrani

M.D.S Oral Medicine & Radiology

Thanks & Regards

Kutch Radiology & Imaging Center

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