

Name of the patient: Mrs

Date:

Age: 60 yrs

Sex: Female

Radiograph done: CBCT

Referred by:

Sectional CBCT was taken 3D, images were reconstructed into axial, coronal, sagittal planes with XELIS software with 0.2 mm slice thickness

CBCT PROTOCOL

A: FOV: Sectional

B: MAXIMUM SLICES: 265

C: SLICE THICKNESS: 0.15 MM

D: PEAK VOLTAGE: 80 kVp

E: TUBE CURRENT: 10mA

F: SCAN TIME: 10 sec

G: RADIATION DOSE: 922 mGy

Diagnostic objectives: Endo scan 27

RADIOGRAPHIC FINDINGS

TOOTH NO 27

Oblique radiolucent line seen on the crown extending downwards till the furcation region and extending further to involve the mesiobuccal root

Three roots present mesiobuccal, distobuccal and palatal

Loss of lamina dura seen in the apical third region of all three roots

Bone loss seen in the furcation region

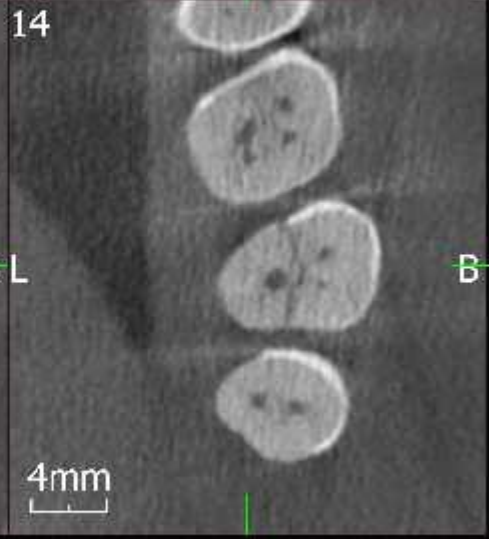
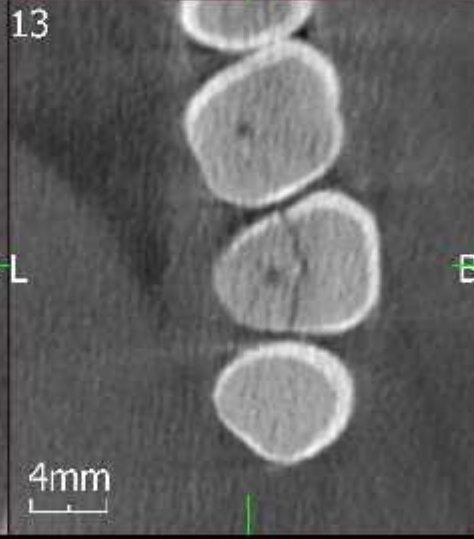
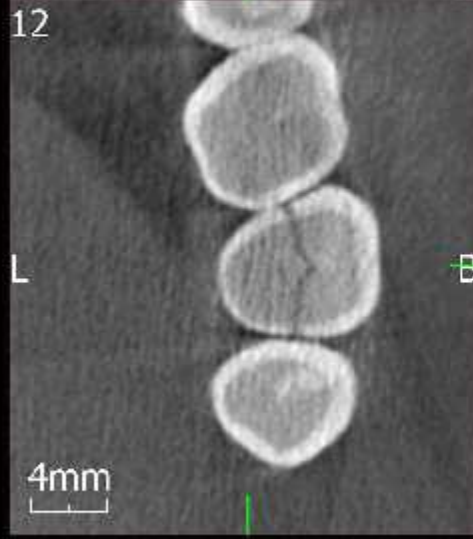
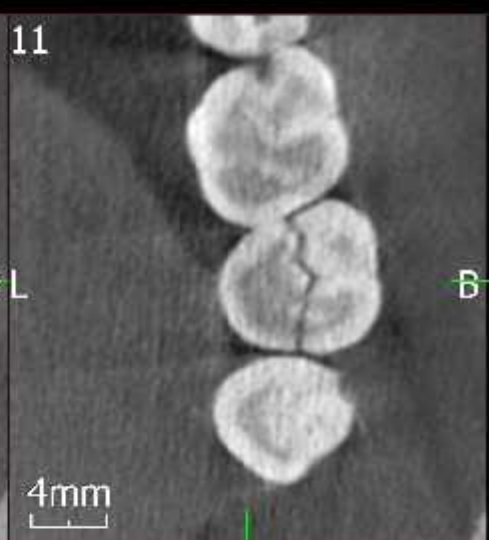
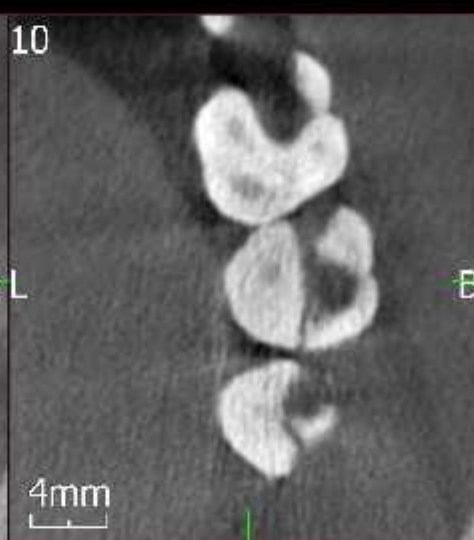
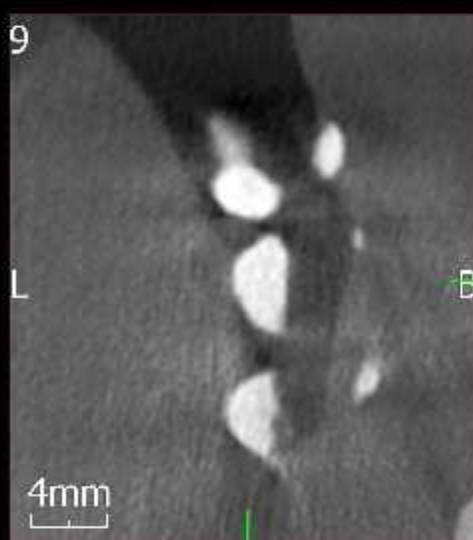
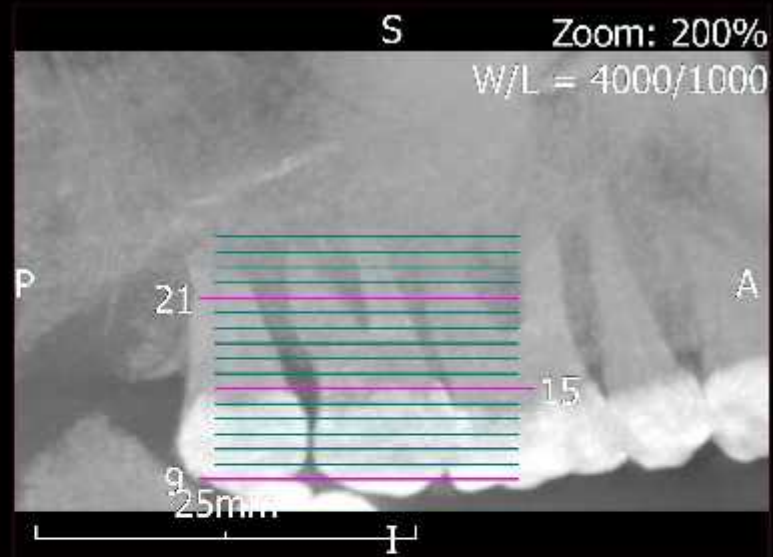
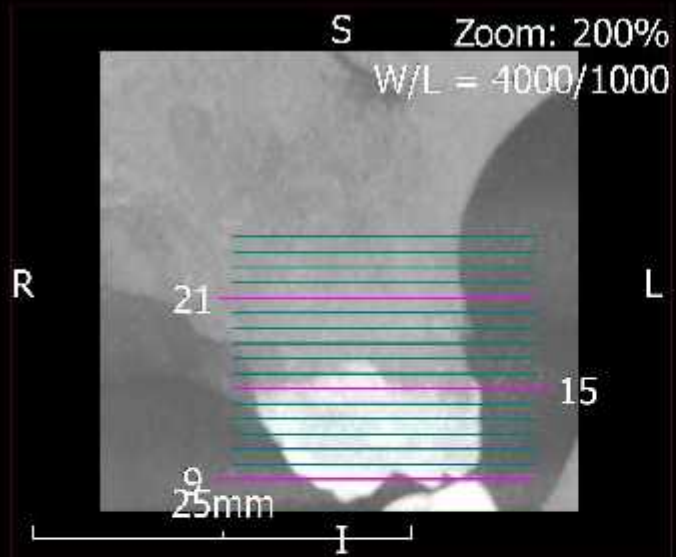
Ill-defined periapical lesion seen mesiobuccal and palatal roots

Thinned palatal cortical plate seen.

RADIOGRAPHIC IMPRESSION

CHRONIC PERIAPICAL ABSCESS 27 WITH CROWN ROOT FRACTURE

Dr Prashant P. Jaju
BDS, MDS,
Oral Maxillofacial Radiologist
Professor & Guide
Editor in Chief: CBCT magazine
Certified CBCT Trainer



AXIAL IMAGES OF MAXILLA



24

L

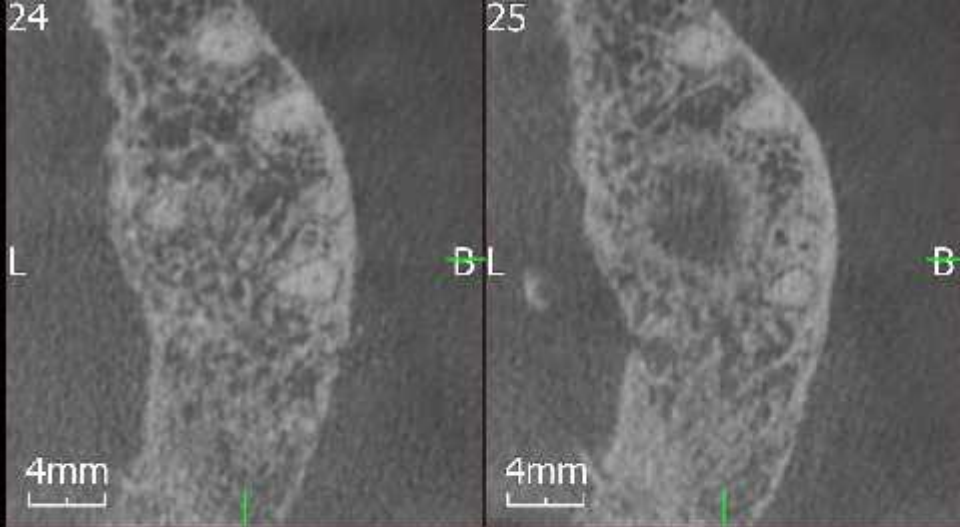
4mm

25

BL

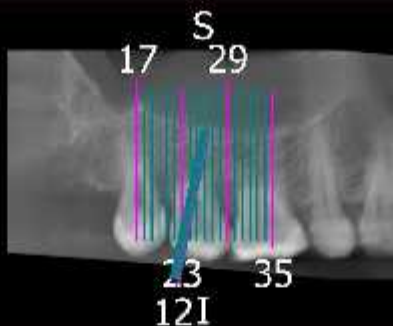
4mm

B



0

P



Zoom: 100%
W/L = 4000/1000

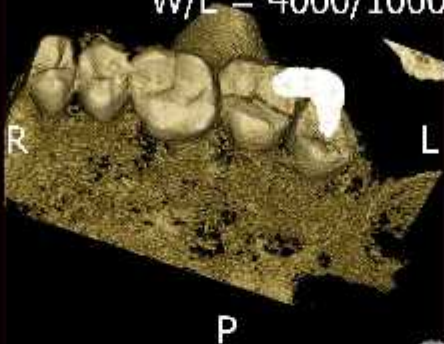
A

50mm

A Zoom: 100%
W/L = 4000/1000



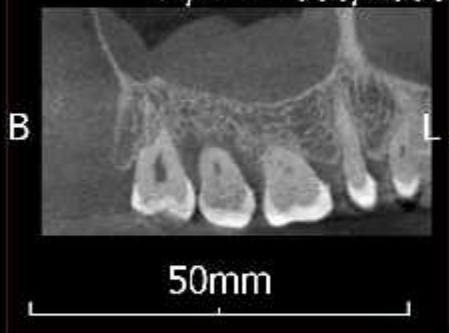
A Zoom: 100%
W/L = 4000/1000



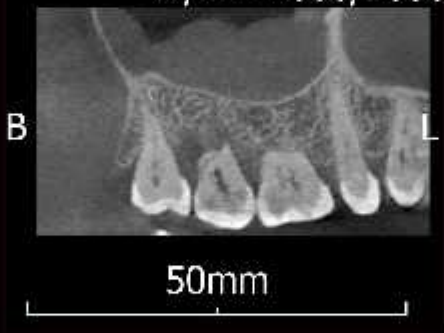
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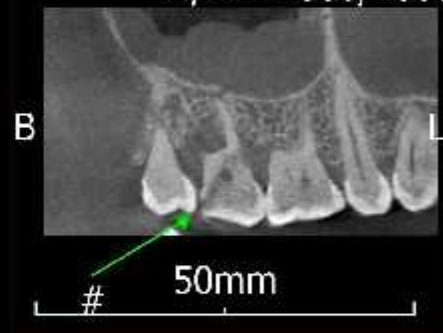
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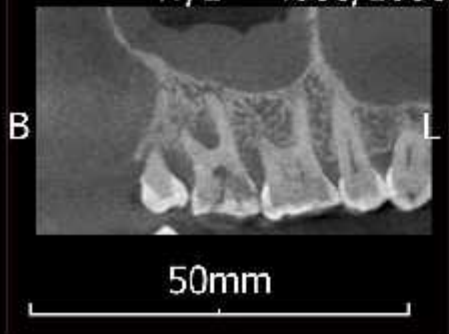
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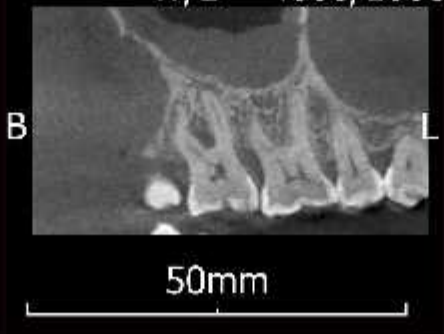
Zoom: 100%
W/L = 4000/1000



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W/L = 4000/1000



Zoom: 100%
W/L = 4000/1000



Zoom: 100%
W/L = 4000/1000

