



Case presentation

**Presented to:
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**Represented by:
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Case documentation sheet

Patient name: abeer ashraf

Chief complaint: pain in upper right side and need to complete endo treatment

Age: 23

Gender: female

Contact number

Medical history: free

:Intra-oral examination

Percussion: positive

Palpation: negative

Vitality: negative

Mobility: grade 1

Radiographic finding: widening in PDL space

Definitive diagnosis: symptomatic irreversible pulpitis

Treatment plan: RCT

Pre-operative x-ray

Access cavity:

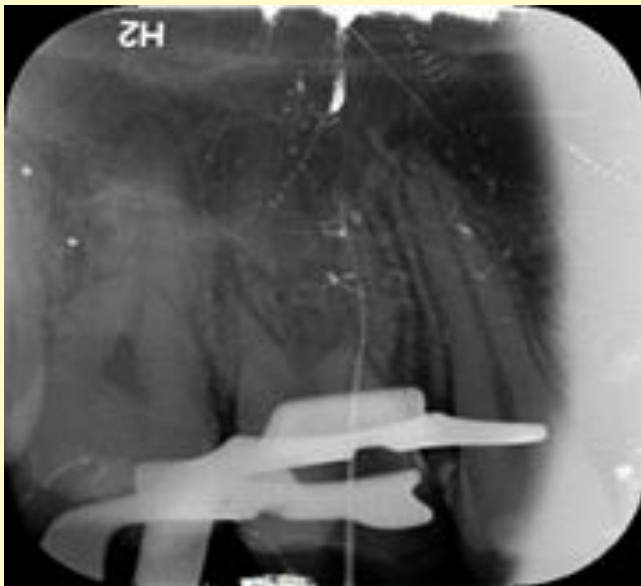
Tooth number: 6

Number of canals: 3

Access cavity is prepared then
there are two broken file in
mesio- buccal canal (f1 , sx)

Then we removed the first
broken file (f1)





Then we made bypass to the other broken file (sx)

Canal instrumentation

Initial x-ray showed

Canal 1: palatal

WL: 20

Reference point: DB cusp tip

Canal 2: MB

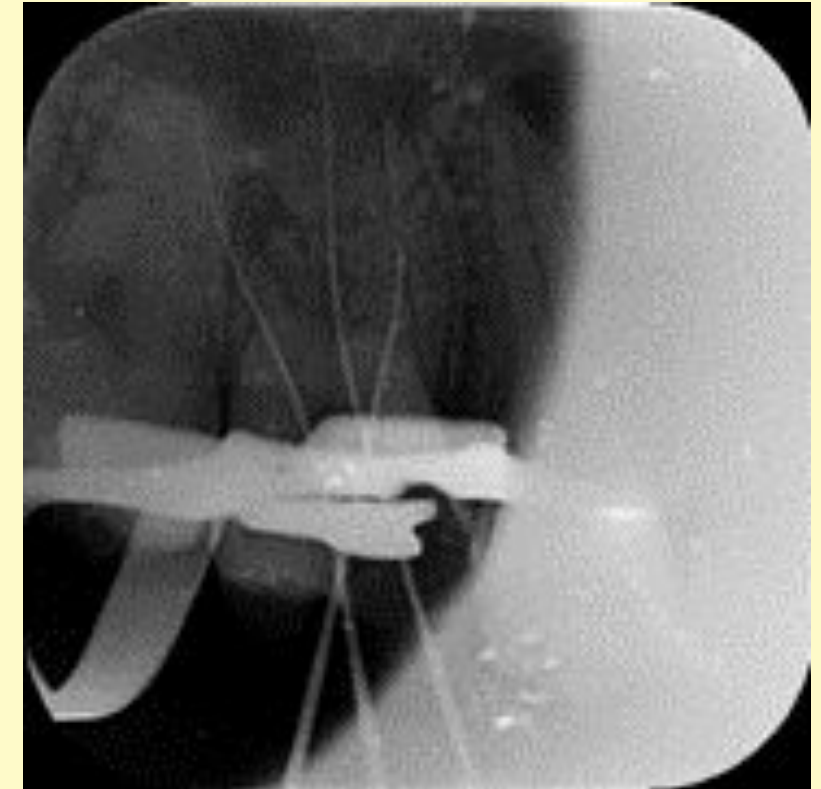
WL: 19

Reference point: DB cusp tip

Canal 3: DB

WL: 19

Reference point: DB cusp tip



:Files system

Gliding path by hand files 15, 20, 25 K

Rotary files: Mpro for palatal and DB

K files for apical refinement 30,35K

Hand files for MB canals 15, 20, 25,30K



Irrigation protocol

Sodium hypochlorite half
concentration 1:1

EDTA gel

Master file: 35

Master cone: 35\04

Obturation

Obturation technique: lateral condensation technique

Master cone:35\04

Auxiliaries:25\02

Spreader: hand spreader size:25

Sealer: resin sealer





Thank
you