

Endo Treatment #3

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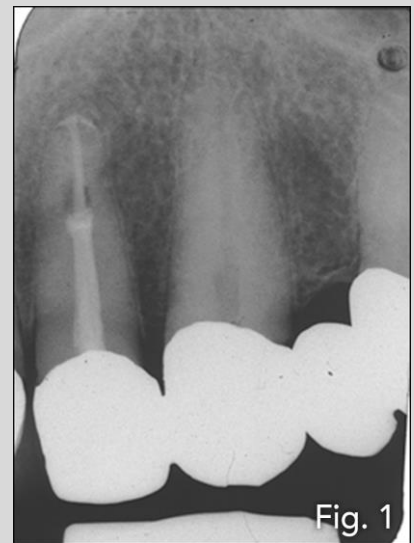


Description:

A 45 years old male was referred for endodontic retreatment on his upper right lateral incisor.

Before treatment:

A pre-operative radiograph of the upper right lateral incisor revealed an internal resorption and an unsatisfactory root canal filling



Diagnosis:

Internal resorption and an unsatisfactory root canal filling of the upper right lateral incisor

Chosen treatment:

Endodontics

Parameters:

200mJ 12Hz

Tips used:

New Side-Firing
Endo Tip



Treatment:



Step 1:

There was a slight pain on palpation around the apex of the lateral incisor. Access opening was established through the permanent crown and the old root canal filling was removed



Step 2:

Bio-mechanical instrumentation was completed and the Endo Tip (laser irradiation of 200mj and 12Hz for 60 seconds) was used to achieve thorough disinfection of the root canal system including the area of the internal resorption



Step 3:

The root canal system and the area of resorption were filled with Gutta percha and the prosthetic work could be completed

Follow-up:

1 Year Follow Up



After 1 year, the patient was free of symptoms and the x-ray showed sound bone around the tooth apex

15 Years Follow Up



15 years later the x-ray still demonstrates an excellent result