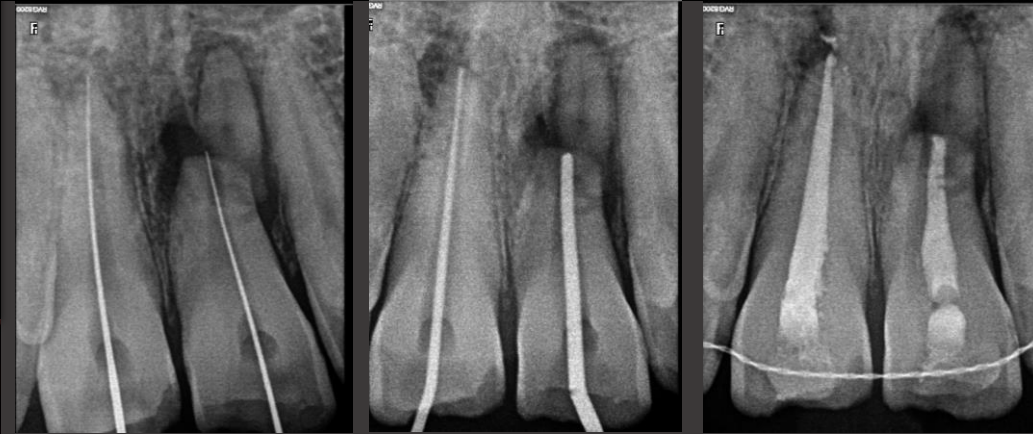


FROM FRACTURE TO FUNCTION: A CASE REPORT ON MANAGEMENT OF HORIZONTAL ROOT FRACTURE

- Horizontal root fracture is a complex traumatic dental injury affecting the pulp, dentin, cementum, and periodontal ligament.
- Incidence: 0.5% to 7% of all dental trauma cases.
- When managed properly using the clinical guidelines, root fractures have shown a 10-year survival rate of 87%



A 23-year-old male patient reported with a chief complaint of broken teeth in the upper front region of the jaw.

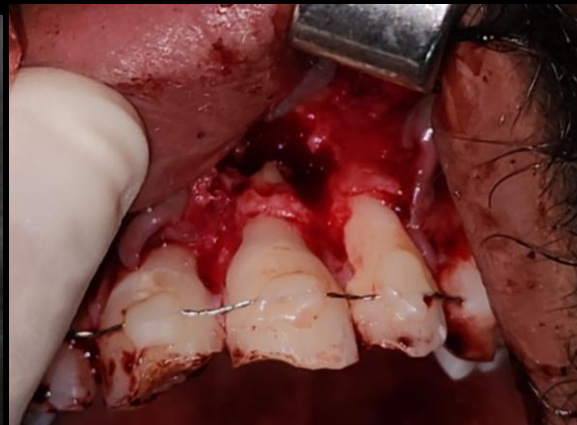


Working length

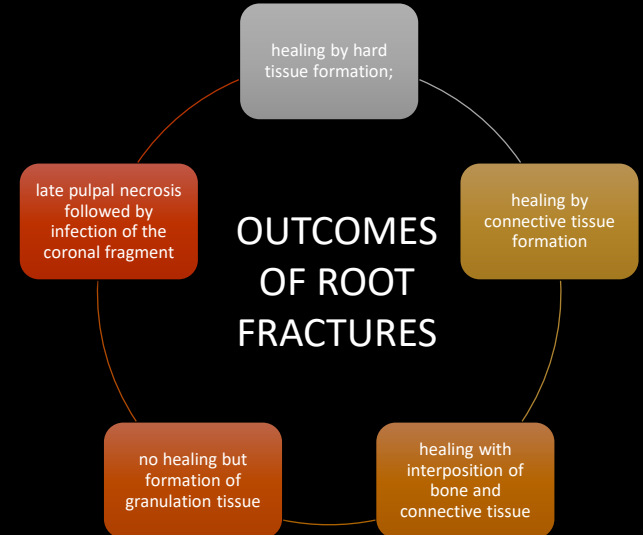
Master cone

Obturation

A full thickness mucoperiosteal flap was raised and a bony window was drilled to gain access to the fractured fragment.



The extracted apical third of the fragment



Immediate post-op

6 months follow up

