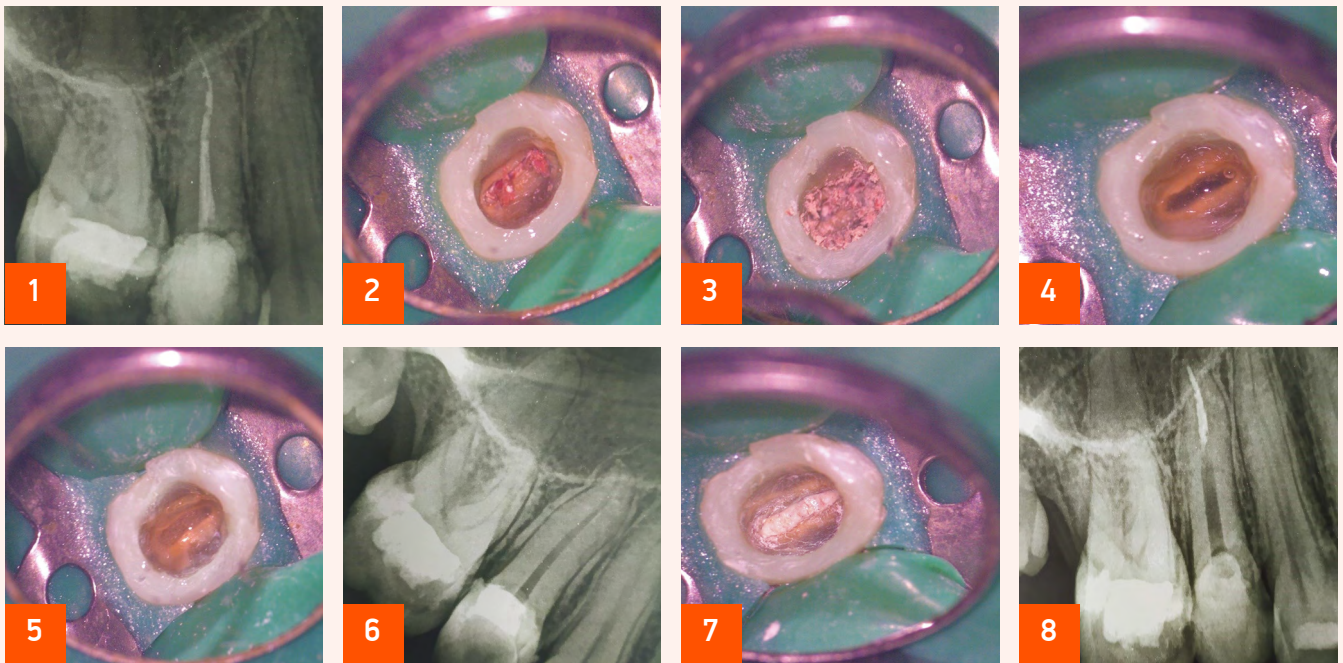




Antiseptic liquid No.2, Iodotin, Epoxidin duo



Diagnosis: 15 - K04.5 Chronic apical periodontitis (apical granuloma). Patient A complained of a broken filling.

History: tooth 15 was previously treated from complicated caries about 3 years ago. Examination results: tooth 15 has a carious cavity on the medial surface, which is filled with softened dentin; the filling is partially preserved on the distal surface. The crown color has changed; the results of percussion assessment, probing, and temperature measurement are negative. Tooth wear index is about 80%.

- 1 — initial state (the RVG image shows that the shadow of the filling material can be traced throughout the root canal of tooth 15 in the form of an uneven structure, and that the periodontal gap is widened in the apical part)
- 2 — the remnants of the filling material and carious dentin have been removed, and the tooth has been prepared for the placement of a dental dam
- 3 — root canal unsealing
- 4 — irrigation with an **Antiseptic liquid No.2** with sodium hypochlorite 3% (TehnoDent)
- 5 — filling with **Iodotin** antibacterial paste with iodoform and calcium hydroxide (TehnoDent) and Tempodent, temporary filling
- 6 — RVG image of the root canal unsealing
- 7 — root canal filling using lateral compaction technique with gutta-percha points and epoxy-based **Epoxidin duo** sealer
- 8 — RVG image of tooth 15: the root canal is unsealed to 2/3 of the length, and prepared for post-and-core inlay for orthopedic restoration

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