



71. TREATMENT OF CHRONIC APICAL PERIODONTITIS IN WHICH CANAL SECRETION PERSISTS

Author: Cristiuc Cătălina

Scientific advisor: Eni Lidia, MD, Associate Professor, Sofia Sirbu Department of Dentistry, Periodontology and Oral Pathology, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

Introduction. Chronic apical periodontitis presents destructive periapical lesions of a varied extent, occurring in areas of a minor but long-lasting infection, often leading to the development of fistulas in places of low resistance. The occurrence of pus discharge is a sign of a reaction to a pathogenic bacterial infection, and the presence of purulent discharge in the canal impedes the root canal filling.

Aim of study. To determine the effectiveness of curative calcium-hydroxide dressings with iodoform in the regeneration of periapical tissues and therapeutic tactics in teeth with a persistent purulent discharge in the root canals.

Methods and materials. A group of 15 patients were clinical and paraclinical examined, being subjected to endodontic root canal treatment with calcium-hydroxide paste containing iodoform over a period of 1-3 weeks. Iodine released from the medicated paste helped sterilize the root system and remove the purulent discharge from the root canals.

Results. Medicated calcium-hydroxide dressings with iodoform applied in the root canals over a period of time destroy the pathogenic flora in the root system, having a favorable prognosis.

Conclusion. The clinical study highlighted the importance of medicated calcium hydroxide dressings with iodoform as an effective remedy for teeth with a purulent discharge in the root canals.