

Antibiotic Treatment of Apical Periodontitis

Authors : Ilma Robo, Saimir Heta, Gerhard Nokaj

Abstract : Introduction: The method of treatment and the treatment protocols of apical periodontitis are now known, but the ongoing debate remains on whether or not prescription antibiotics should be given to patients suffering from this type of pathology. In fact, as an indication for prescribing antibiotics, this type of pathology remains between clinical indication and contraindication. Material and Methods: This article is of the short-communication type and has the sole purpose of analyzing the clinical picture of apical periodontitis and the fact that the appearance and extent of this pathology in the periapex area passes the stage when the host or the immune cells of the organism of the affected individual, react against bacterial factors. Results: Determining whether or not to prescribe systemic antibiotics according to literature sources can be avoided. In some cases, research in this field about this pathology even indicates endodontic rinsers or irrigants, such as chlorhexidine, in typical cases, mainly in persistent apical periodontitis. Conclusions: In times when bacterial resistance is a hot topic in some fields of scientific research, it is important to divide dental pathologies of bacterial origin into those when systemic antibiotic prescriptions must be given and those when every clinical issue is resolved only with endodontic root canal treatment. Even certain sources of published literature show the specifics of the most effective antibiotics against the bacterial flora causing the pathology of apical periodontitis.

Keywords : endodontic treatment, apical periodontitis, antibiotics, chlorhexidine

Conference Title : ICLDET 2024 : International Conference on Lasers in Dentistry and Endodontic Therapy

Conference Location : London, United Kingdom

Conference Dates : June 27-28, 2024