



Dr Mehmet Baybora Kayahan

Endodontics Education and Academic Career

2014 Okan University Faculty of Dentistry Department of Endodontics; Professor
2008 Yeditepe University Faculty of Dentistry Department of Endodontics; Associate Professor

2002 Yeditepe University Faculty of Dentistry Department of Endodontics; Assistant Professor

2000 İstanbul University Faculty of Dentistry and Endodontics Department / Department of Endodontics; Doctorate

1995 İstanbul University Faculty of Dentistry (MSc)

1989 Bursa Namik Sozeri Private School

Professional Experience

2014 - Okan University Faculty of Dentistry Department of Endodontics

2000 - 2014 Yeditepe University Faculty of Dentistry Department of Endodontics

1995- 2000 İstanbul University Department of Restorative Dentistry and Endodontics

AREAS OF INTEREST

Root Canal Treatment, Endodontic treatments with Vital pulps, Implementation Issues and Solutions Encountered During Root Canal Treatment

Abstract Paper:

Title: To treat or not to treat

Dr. Mehmet Baybora Kayahan, PhD

(Turkey-Country Representative Speaker)

The aim of endodontic treatment is to prevent or cure apical periodontitis. Root canal treatment is a predictable procedure with high survival rate. However, procedural problems such as ledge formation, transportation of the canal, root perforation and extrusion of the irrigants can affect the prognosis. In addition, post-treatment disease can be encountered even in teeth with high quality root canal treatment. Today, patients demand the retention of their teeth more than ever before and this results in increasing necessity for the retreatment. Studies show that previously endodontically treated teeth with post-treatment disease can be retreated successfully. The success rate of retreatment is over 80%. There is no doubt that both root canal treatment or retreatment of teeth are feasible and economical way to preserve function. Nevertheless, when a previously root canal treated tooth fails or the final radiograph of the retreated tooth is not satisfactory, some practitioners are quick to call for extraction. This is probably because of the criteria for success based on the determination of radiographic findings. On the other hand, some authors stated that there was no definite correlation between histological findings and radiographic findings. Recently, the criteria used to assess success and failure have been changed. The term “success” can be defined as the retention and function of a symptom-free root canal treated tooth. In this lecture, follow-up of some tricky cases will be presented and discussed from another point of view.