



Academy of Prosthodontics Annual Scientific Session San Diego, California | June 1 – 4, 2022

Program Speaker – Amir Azarpazhooh

Title

Retrograde Peri-Implantitis: Is Endodontics a Culprit in the Process

Abstract

Peri-implantitis is inflammation within the coronal aspect of the implant that results in progressive bone loss. On the other hand, retrograde peri-implantitis is associated with peri-apical pathology of the implants while the coronal portion of the implant achieves a normal bone to implant interface. It has been claimed that retrograde peri-implantitis may be due to an adjacent endodontically treated or necrotic tooth. This presentation aims to provide the best evidence available on retrograde peri-implantitis, its epidemiology, etiology, and treatment. In particular, it aims to answer these questions: 1) Is there a concern in placing dental implants adjacent to an endodontically treated tooth? 2) If an adjacent tooth had RCT, how long should healing be before placing implant?

Learning Objectives

By the end of this talk, the participants will be able to understand:

1. The level of evidence related to retrograde peri-implantitis
2. The epidemiology of retrograde peri-implantitis
3. The treatment modalities for Retrograde Peri-Implantitis

Biography

Dr. Amir Azarpazhooh (pronounced as *Azar pa joo*) received his undergraduate dentistry training in Iran (2001), and his specialty training in Canada at the University of Toronto (UofT) in Dental Public Health (2007) and Endodontics (2010), followed by his PhD in 2011.

Amir is a UofT full-time tenured Associate Professor, with cross-appointments to the Clinical Epidemiology Program at the Institute of Health Policy, Management and Evaluation of Dalla Lana School of Public Health, and Toronto Health Economics and Technology Assessment Collaborative. He is also the Head of both Divisions of Endodontics and Research and Director of Advanced Training Program in Orofacial Pain, Department of Dentistry, Mount Sinai Hospital, Toronto.

Currently, his attributed grants and awards total approximately CAD \$1.5M and these have enabled him to manage a strong group of graduate students over the years. To date, he has been an editor of a textbook on evidence-based dentistry, has published seven book chapters, and more than 300 papers, abstracts and reports and has presented at over 90 national and international scientific meetings. With an H-index of 34 and an I10-index of 67, his work has been cited almost 5000 times. He has been awarded

nationally and internationally, by the Cochrane Canada, the Canadian Academy of Endodontics, and the American Association of Endodontists. He is an Associate Editor of the Journal of Endodontics responsible for handling more than 100 submitted manuscripts per year.

Amir is a practicing endodontist, with part-time private practice in Toronto as well as a hospital practice in Mount Sinai Hospital providing endodontic care to patients when their medical, physical or mental status indicates the need for a hospital environment. Despite his heavy load of teaching, research and clinical practice, out of the office he enjoys life with his wife, travelling, cycling, photography, and gardening.