



Academy of Prosthodontics 2024 Annual Scientific Session Four Seasons Hotel, Denver, Colorado May 29 – June 1, 2024

Program Speaker – Eitan Mijiritsky

Title

New Concepts for Digital Full-Arch Implant Rehabilitation

Abstract

Full Arch restorations have always presented with clinical and technical challenges. The progressive shift towards implementing digitally-driven technology in reconstructive dentistry is obvious.

In the last decade, the development of new technologies has moved in parallel with a rapid evolution of restorative materials on the rails of digital dentistry, opening new horizons in the field of prosthodontics.

The ultimate goal of digital technologies is to improve the quality and capabilities in examination, diagnosis, and treatment of the dental patient. It is still questionable, however, whether such digital tools facilitate improved accuracy in data acquisition and assessment of the full-arch rehabilitation.

During the lecture, the limitations and a few failures that can be faced with full-arch monolithic zirconia restorations will be presented, with a few out-of the box prosthetic solutions and new practical protocols to avoid these complications.

This lecture will highlight and update some of the clinical challenges, materials and unique protocols needed to meet the expectations to deliver a successful outcome, in the light of the author's experience and of the most updated scientific literature.

Learning Objectives

1. What are the unique challenges with digital scanning of the full-arch implant-supported rehabilitation in the mandible?
2. Which are the ways to achieve passive fit with cad/cam monolithic zirconia restorations for the full-arch rehabilitation?
3. How to improve the long-term success of full-arch zirconia rehabilitations?

Biography

PROFESSOR EITAN MIJIRITSKY, DMD, DIPL.-PROSTH.PHD

Prof. Mijiritsky is Associate Professor in Prosthodontics at the Tel-aviv University School of Dental Medicine, Israel. He has earned his PhD Summa Cum Laude, on the topic of Immediate Loading in dental implantology.

He also serves as the Coordinator of International Academic Affairs of the School of Dental Medicine, Tel-Aviv University, Israel. Prof. Mijiritsky is the President Elect and Council Member at the European Prosthodontic Association - EPA. He is the Past President of the Israel Society of Prosthodontics and member of the Board of Directors of the International Digital Dentistry Society - DDS. Prof. Mijiritsky is both a nationally and internationally active keynote lecturer and scientific chairman in hundreds seminars and meetings. He is a member of the Editorial Boards of the Journal of Dentistry, International Journal of Prosthodontics, and Journal of Esthetics and Restorative Dentistry. He is the author of over 140 articles in peer reviewed international journals, related to digital dentistry, prosthodontics and implant dentistry and heads the "Mijiritsky Dental Experts Group" in Tel-Aviv, Israel.