



American Academy of Maxillofacial Prosthetics
71st Annual Meeting: November 3 – 5, 2024
La Playa Beach Hotel, Naples, Florida

Program Speaker – Edmond Pow

Title

Advancements in Maxillofacial Prosthodontics: A 30-Year Journey in Hong Kong

Abstract

Maxillofacial Prosthodontics emerged in Hong Kong during the late 1980s, marking the beginning of a transformative journey in the field. This lecture aims to provide the audience with a comprehensive overview of the development of Maxillofacial Prosthodontics in Hong Kong over the past three decades. The lecture will delve into the advancements made in the treatment of various congenital and acquired intra-oral and extra-oral defects, employing a wide range of prosthetic approaches, including fixed, removable, and implant-based solutions.

Furthermore, the lecture will shed light on our research contribution to minimizing post-radiotherapy complications. It will highlight the utilization of the stem cell approach to enhance implant osseointegration in irradiated jaws, showcasing the potential for improved outcomes in this challenging patient population. Additionally, the lecture will underscore the integration of digital technology in maxillofacial prostheses and jaw reconstruction. It will demonstrate how digital technology can streamline the treatment process and enhance patient outcomes.

Biography

Dr. Pow is a tenured Clinical Associate Professor and the Postgraduate Programme Director in Prosthodontics at the Faculty of Dentistry, The University of Hong Kong. As a registered specialist in Prosthodontics, Dr. Pow has actively worked in various aspects of clinical prosthodontics for over 30 years. His research interests encompass digital prosthodontics, dental implants, and biomaterials.

Dr. Pow has published over 110 scientific and clinical articles. He was the recipient of the Judson C. Hickey Scientific Writing Award (Dental Technique Category) from the Journal of Prosthetic Dentistry in 2015. He currently serves on the editorial boards of Clinical Oral Implants Research, Journal of Prosthodontics, International Journal of Prosthodontics and International Dental Journal.

Dr. Pow holds leadership positions in various dental organizations. He presently serves as the President of the Prosthodontics Group of the International Association for Dental Research (IADR). He has also held significant roles, including Chair of IADR/AADR William J. Gies Award Committee, President of Hong Kong

Prosthetic Dentistry Society, President of the College of Dental Surgeons of Hong Kong, Chair of the Asia Regional Committee of the Royal Australasian College of Dental Surgeons (RACDS), and a Member of NPAW Committee of American College of Prosthodontists.