International College of Prosthodontists
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Program Speaker – Mahmoud Elbashti

Title

Intraoral Scanners for Fully Digitization of Maxillectomy Defects, Are they Feasible and Accurate for Prosthetic Rehabilitation?

Abstract

Maxillofacial prostheses are used for the rehabilitation of patients with defects or deformities in the maxillofacial region. Among these defects is maxillectomy, which is an acquired defect resulting from surgical resection of maxillary tumors. This presentation briefly reviews the application of various intraoral scanners that have been used for maxillectomy digitization. It also highlights the feasibility and accuracy of using intraoral scanners to digitize maxillectomy defects for the purpose of obturator prosthesis rehabilitation. In addition, I share my experience, introduce my research results, discuss the impact of this approach on maxillofacial prosthetics, and finally identify potential intraoral scanning limitations that may affect the digitization of maxillectomy defects.

Biography

Dr. Elbashti is a lecturer at the Department of Maxillofacial Prosthetics of Tokyo Medical and Dental University (TMDU). He is also the founder and the Editor-in-Chief of the International Journal of Maxillofacial Prosthetics (iJMP). In addition, Dr. Elbashti is the founder and the chair of the International Workshop of Young Maxillofacial Prosthetic Educators (yMPE). He is a member of the International College of Prosthodontists (ICP), International Society for Maxillofacial Rehabilitation (ISMR), and the Advanced Digital Technology in Head and Neck Reconstruction (ADT). Dr. Elbashti has intensively contributed to the field of Maxillofacial Prosthetics by publishing many articles in the literature. He also has contributed to many national and international conference activities and talks.