



American Academy of Maxillofacial Prosthetics
69th Annual Meeting: October 30 – November 1, 2022
Omni Austin Downtown, Austin, Texas

Program Speaker – Andrea Hernandez

Title

Fixed Prosthetic Rehabilitation of an Atrophic Anterior Mandible Reconstructed with an Osteocutaneous Fibula Free-flap

Abstract

Implant-supported dental prostheses has been a commonly used method of rehabilitation to restore maxillofacial defects. Overcoming functional and esthetic problems associated with a removable prosthesis, an implant supported prosthesis provides superior retention and patient acceptance. However, it is important to acknowledge the challenges and limitations that come with this method of rehabilitation, which include material selection, material thickness, tongue space, and bar design. Implants placed on a osteocutaneous free flap is another factor to be taken into consideration as implant access and positioning as well as soft tissue management play an important role for both the restorative dentist and patient. This case report will focus on the rehabilitation of a 75 year old patient using a milled bar with a definitive zirconia fixed implant supported mini-hybrid following a fibula free-flap graft and mandibular resection. This presentation will cover both the challenges and solutions throughout the entire rehabilitation process; from surgical planning until placement of the definitive restoration.

Biography

Dr. Andrea Hernandez got her dental degree from the University in the Philippines Manila in 2017. After working for two years, she decided to pursue her post-graduate degree in Indiana. She is currently a third year Graduate Prosthodontics Resident and Maxillofacial Fellow associated with Indiana University School of Dentistry

**Has disclosed Affiliation/Financial Interest with the following company: Indiana University School of Dentistry*