



**Academy of Prosthodontics 2026 Annual Scientific Session
The Boca Raton Hotel, Boca Raton, FL | May 27-30, 2026**

Program Speaker – Sherif Hosney, BDS, MS, FACP

Title

Complete Denture Workflow

Abstract

Digital technology has significantly transformed complete denture therapy, introducing workflows that improve precision, efficiency, and patient-reported outcomes. This presentation will critically review the scientific evidence supporting the use of digital technologies in removable complete dentures, with an emphasis on their clinical advantages and limitations. A step-by-step demonstration of various workflows from initial impression to final denture delivery will be presented, including applications for fully edentulous patients and those with existing requiring replacement. Attendees will compare digital and conventional impression techniques, explore design workflows, and evaluate available manufacturing options, including additive and subtractive technologies. The presentation will highlight diverse applications of digital technology in complete denture therapy, including intraoral scanning, facial scanners, virtual articulation, CAD/CAM, and rapid prototyping. Finally, future directions, including artificial intelligence integration and fully automated workflows, will be discussed to prepare clinicians for emerging innovations in prosthodontics.

Learning Objectives

- Review and evaluate the scientific evidence supporting the application of digital technology in removable complete dentures.
- Demonstrate a step-by-step protocol for different workflows from impression to final denture delivery.
- Analyze and compare diverse current and emerging digital technologies used in complete denture therapy, and discuss future innovations including AI-driven and automated workflows.

Biography

Dr. Sherif Hosney is an Assistant Professor and Graduate Program Director in the Division of Prosthodontics, Department of Restorative Dental Sciences, at the University of Florida College of Dentistry. He received his dental degree from Cairo University, Egypt, and completed his MS and certificate in Prosthodontics at the Eastman Institute for Oral Health, followed by a one-year Graser Implant Surgical Fellowship.

Dr. Hosney is a Diplomate of the American Board of Prosthodontists, a Fellow of the American College of Prosthodontists, and a Fellow of the International Team for Implantology, and holds memberships in several professional organizations. He serves as an Associate Editor of the Journal of Prosthodontics. His research interests include digital dentistry, implant prosthodontics, and dental biomaterials. He maintains a part-time faculty practice limited to prosthodontics and lectures nationally and internationally on digital dentistry and implant prosthodontics.