The American Prosthodontic Society
2022 Webinar Series - September

Speaker – Dr. Amirali Zandinejad

Title

Digital Workflow for Facially Generated Full Arch Implant Rehabilitation for Patients with Terminal Dentitions

Abstract

Advanced dental technologies provide new prospects for creating a complete virtual environment. This presentation illustrates a novel digital approach adopting facially generated diagnostic wax up for full arch implant rehabilitation by integrating 3D facial scanning, intra oral scan and CBCT.

Digital technology including facial scan allows us to create a 3D representation of the patient for full arch virtual diagnostic wax up. Therefore, we can plan an accurate restoratively driven computer assisted implant guided surgery and 3D printing of an interim complete-arch fixed implant supported prosthesis before the surgical appointment.

Learning Objectives

- To review the advantages of facially generated diagnostic wax up
- To describe the digital workflow for creating virtual patient representation using facial scanner, IOS and CBCT
- To highlight the advantages of described technique such as simplicity, efficiency and accuracy with less prosthetic complications