Academy of Prosthodontics 2024 Annual Scientific Session
Four Seasons Hotel, Denver, Colorado   May 29 – June 1, 2024

<u>Program Speaker – Lucio Lo Russo</u>

Title

Intraoral Scanning of Edentulous Arches and Related Denture Workflows

Abstract

Developments of CAD-CAM technologies and materials are constantly increasing the options available for digital denture workflow. However, most of these options pertains to the manufacturing stage. Nonetheless, digital technologies like intraoral scanning, which is actually changing clinical practice in dentistry, may also be applied to denture fabrication workflows. The use of intraoral scans provides benefits to patient comfort, clinic ergonomics, and laboratory efficiency. Scanning edentulous arches may be challenging, but is definitely possible. This presentation will review factors affecting the predictability of intraoral scans of edentulous arches and their practical management. In addition, the clinical application to dentures and related digital denture workflow will be presented.

Learning Objectives

1. To understand the factors affecting predictability of intraoral scans of edentulous arches.
2. To learns how to obtain accurate intraoral scans of edentulous arches.
3. To assess the rationale and techniques behind the use of intraoral scans for dentures.

Biography

LUCIO LO RUSSO
Prof. Lucio Lo Russo obtained his DDS and and PhD at the University "Federico II" of Naples (Italy). Currently, he is Professor of Prosthodontics at the School of Dentistry of the University of Foggia. He is involved in basic and applied clinical research related to the diagnosis, treatment, and rehabilitation of oral diseases and conditions by the application of digital technologies. He has published more than 160 scientific papers, most of which in high impact international scientific dental and medical journals.

Speaker has disclosed Affiliation/Financial Interest with the following company: ELDO srl