



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

Program Speaker – Lucio Lo Russo

Title

Intraoral Scanning of Edentulous Arches and Related Denture Workflows

Abstract

Developments of CAD-CAM technologies and materials are constantly increasing options available for digital denture workflow. The most of these options pertains to the manufacturing stage. Nonetheless, digital technologies like intraoral scanning, which is actually changing clinical practice in dentistry, may be applied also to dentures.

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. Factors affecting predictability of intraoral scans of edentulous arches and their practical management will be discussed. Their clinical application to dentures and the related digital denture workflow will be presented.

Learning Objectives

1. Factors affecting predictability of intraoral scans of edentulous arches.
2. How to obtain accurate intraoral scans of edentulous arches.
3. Rationale and techniques behind the use of intraoral scans for dentures.

Biography

LUCIO LO RUSSO

Prof. Lucio Lo Russo after the degree in Dentistry obtained his 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.



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Lucio Lo Russo

15 November 2023

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