IMPLANT OVERDENTURES / DIGITAL DENTURES RESIDENCY

Course Outline

Consequences associated with fully edentulism has been well documented and researched over the decades. Conventional complete dentures to replace the natural dentition represents a “compromised” tooth replacement therapy. The mandibular complete denture can be challenging for our patients to adapt due to lack of retention, stability and support. The maxillary complete denture can also impede in phonetics, taste and especially problematic for the sensitive gagging patients who cannot tolerate a full palatal acrylic coverage. The application of technology using digital dentures can improve clinical accuracies while decrease number of chair side appointments. Once the complete dentures are fabricated accurately with the application of retention, stability, and support, clinical challenges can be managed to apply dental implant retained overdentures. The predictability and high success rates of implant overdenture modalities have been well documented in the scientific literature for the past over 40 years. However, given the long history of dental implants as a viable treatment modality to edentulism, certain concepts in treatment planning can be confusing and conflicting.

The objective of this course was designed for the general practitioner to address and clarify the essential concepts in “Digital Dentures and Removable implant overdenture denture prosthetics in treatment planning for these fully edentulous cases.

- Consequences of tooth loss and problems related to residual bone resorption patterns.
- Patient evaluation and case selection for treatment planning to desired clinical outcomes for digital dentures and implant overdentures
- Comprehensive treatment planning concepts for digital dentures and overdenture cases to manage problems associated with retention, support and stability of the removable prosthesis.
- Step by step protocol for 3 appointment fabrication of complete dentures
- Selection criteria for the number, type, design and location of dental implants required for the overdenture cases.
- Surgical parameters for implant overdentures
- Selection criteria for various attachment options ranging from individual attachments, Locators, bars with or without attachments
- Intraoral options for implant level final impressions or pick up of attachments for chair side solutions
- Management of complication associated with conventional complete dentures and implant overdenture cases.