Strategies for the Immediate Loading of Dental Implants

There are lots of questions to be answered about the immediate loading of dental implants. There are biomechanical considerations in establishing high primary stability. Dr. Baumgarten will address the macroscopic implant features to maximize primary stability in addition to the concept of steady state stability in the establishment of osseointegration. The Esthetics consideration will be discussed with focus on flapless immediate placement and periodontal biotypes. Prosthetic techniques covering them guidelines and CT guided surgery with immediate provisionalization will be reviewed. Case planning and Laboratory procedures will be covered to take the mystery out of the process to have practice success and patient satisfaction. This lecture should be attended by all dentists and team members.

Course Objectives

- Describe the two main Periodontal Biotypes and the indications for flapless implant placement.
- Describe the different implant loading protocols and list the “facilitators” of immediate loading.
- Understand the importance of primary stability when immediate loading.
- Understand the rationale for modifying drilling protocols when immediate loading.
- Understand the technique of prefabricating a provisional restoration using a CT generated surgical guide prior to implant placement and describe CT Guided Surgery.

Our Presenter

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Education - University of Pennsylvania
1982 - Periodontal Prosthesis (Fixed Prosthodontics)
1981 - Periodontics
1977 - D.M.D. University of Pennsylvania

Academic Affiliations
Clinical Professor - University of Pennsylvania

Professional Societies
Academy of Osseointegration, Greater New York Academy of Prosthodontics, American Academy of Periodontology, American Dental Association, Philadelphia County Dental Society, Omicron Kappa Upsilon

Publications
Preservation of crestal bone: a clinical requisite,
\textit{PPAD.} 18(7):431-2, 2006

A new implant design for crestal bone preservation: initial observations and case report. With Drs. R. Cocchetto, T. Testori, Meltzer, S. Porter
\textit{PPAD.} 17(10):735-40, 2005

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