

Immediate Implant Placement: Single to Full-Arch Treatment Planning Using the DIGILOG Concept: Hands-on Workshop

Friday, October 3, 2025
Edmond Bedrossian and E. Armand Bedrossian



A paradigm shift has taken place as the graftless surgical approach to implants has gained credibility. Reduced treatment time, single-stage surgical reconstructions and immediate loading have resulted in a higher degree of case acceptance. After extraction of a non-restorable tooth, preservation of the soft and hard tissue volume is more predictable than its reconstruction. This presentation focuses on the surgical and the prosthetic fundamental principles for predictable treatment planning—offering patients immediate implant and immediate provisional prosthesis where indicated.

Understanding of the fundamental surgical as well as the prosthetic treatment planning is critical for predictable implant outcomes. The presenters will review bone biology and the principles of site preparation, and will discuss the immediate versus delayed implant placement and the role of the digital workflow (DWF) in executing successful treatment plans.

This presentation will also cover the protocol for the evaluation of patients for full-arch fixed prosthesis. Edentulous patients or patients with terminal dentition can be a challenge to treatment plan due to certain anatomic structures which can be barriers for immediate implant placement and immediate loading full-arch reconstructions. In the maxilla, the volumetric loss of bone and soft tissues, enlarged maxillary sinuses and presence of remaining compromised dentition pose unique surgical and restorative treatment challenges. In the mandible, the position of the mental foramen poses a challenge for reconstruction with a fixed prosthesis.

The number as well as the distribution of implants for fabrication of an implant-supported fixed prosthesis will be discussed. The use of the zones of the maxilla to determine whether axial, tilted or zygoma implants may be indicated. All cases will be treatment planned and executed using the DIGILOG concept; a hybrid of digital and analogue workflow.

The hands-on workshop portion will introduce participants to both the bone level as well as the tissue level BLC and the BLX implant systems with exercises for immediate as well as delayed site placements.

You Will Learn

- To understand bone biology and the fate of the edentulous alveolus
- To utilize the fundamental prosthetic principles for treatment planning implants
- To describe the fundamental surgical principles for treatment planning implants
- To recognize the consequences of drilling in bone; remodeling concept
- To develop techniques for achieving primary stability
- To understand the role of DWF in the contemporary dental practices
- To implement analogue as well as fully guided full-arch treatment
- To recognize the role and importance of adopting the DWF in contemporary dental practices
- To identify when to outsource portions of the digital workflow

Who Should Attend

This hands-on workshop is designed for dentists interested in implant placement.

Early Bird Tuition: \$745 (for registrations received by September 3)

Regular Tuition: \$795

Program: 9:00 am – 5:00 pm

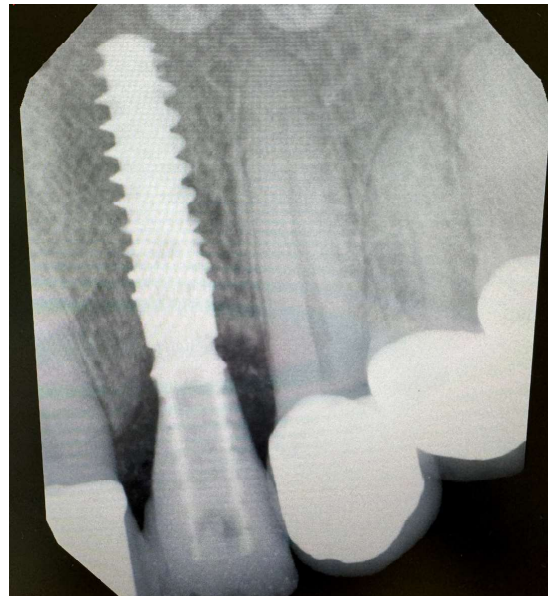
Location: Arthur A. Dugoni School of Dentistry,
155 Fifth Street, SF

Credits: This activity is designated for 7 units of continuing education credit.

Workshop is limited to 24 participants; includes light breakfast and lunch.



University of the Pacific, Arthur A. Dugoni School of Dentistry would like to acknowledge and thank Straumann USA for their generous support of this workshop.



Edmond Bedrossian, DDS, received his dental degree from the Dugoni School of Dentistry and completed his oral and maxillofacial surgery training at Alameda Medical Center. He is a diplomate of the American Board of Oral and Maxillofacial Surgeons, honorary member of the American College of Prosthodontists and fellow of the International Team for Implantology and the Academy of Osseointegration. Dr. Bedrossian is also a professor and the director of advanced implant reconstruction at the Dugoni School of Dentistry. He has authored numerous articles and textbook chapters and maintains a private practice in San Francisco.



E. Armand Bedrossian, DDS, MSD, is a board-certified prosthodontist who currently practices in San Francisco. He received his DDS degree from the Dugoni School of Dentistry in 2015 and completed the advanced prosthodontics residency program and received his master's degree at University of Washington, where he is currently an affiliate assistant professor. He is a diplomate of the American Board of Prosthodontists and has authored various articles on removable prosthodontics and treatment planning the fully edentulous patient. He has lectured nationally and internationally on implant and prosthetic dentistry.



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