The use of Computer Aided Design and Computer Aided Manufacturing (CAD/CAM) has been incorporated into different disciplines of dentistry in the last decade. CAD/CAM implant frameworks designed by a technician on a computer and manufactured by a computer-operated facility to a high level of precision offer many benefits to implant dentistry. The use of computer-aided tomography, computer-assisted treatment planning and computer-guided surgery has been available for a variety of applications. Research and experience with this technology allow us to fine tune and understand its applications and limitations better than ever before. In this course, the use of these advanced technologies will be demonstrated and reviewed clinically. Advantages, disadvantages and limitations will be discussed to ensure maximum benefits of computer technology to a successful implant full-mouth reconstruction.

Modules I & II: Lectures
- CAD/CAM frameworks rationale and design
- Titanium and Zirconia based restorations
- Computer-guided treatment planning for surgery
- Immediate loading
- Tilted implants: avoid grafting, enhance A-P spread
- Complications and limitations
- Laboratory techniques and procedures
- Surgical considerations

Module III: Hands-On Workshop (Limited Attendance)
Passive Fit of Implant Frameworks
Faculty: Harel Simon, DMD;
Joseph Field, DDS;
Take Katayama, CDT

In this unique course, participants will receive edentulous models with implants and full-arch CAD/CAM Ti and Zi frameworks to be evaluated for fit. Different scientifically based methods will be used to evaluate various frameworks and a quick and practical method will be exercised to allow a quantifiable and objective evaluation of a framework for a clinically acceptable passive fit. Mastering this technique simplifies the restorative sequence significantly and enhances the predictability of the treatment.

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FACULTY

Harel Simon, DMD

Dr. Harel Simon received his DMD degree from the Hebrew University, Jerusalem, Israel and his specialty certificate in advanced prosthodontics from UCLA School of Dentistry. Dr. Simon has conducted research, published and lectured nationally and internationally on esthetics and implant prosthodontics. He has been a featured speaker at the Academy of Osseointegration, Academy of Prosthodontics, American College of Prosthodontists, American Academy of Fixed Prosthodontics and the Pacific Coast Society of Prosthodontics. Dr. Simon has coauthored the 2nd edition of the bestseller book Dental Implant Complications (Wiley-Blackwell). He currently serves on the editorial review board of various scientific publications including the Journal of Prosthetic Dentistry and Quintessence International. Dr. Simon practices in Beverly Hills, California and is a clinical associate professor at the Herman Ostrow School of Dentistry of University of Southern California. Dr. Simon can be reached at hsimon@usc.edu.

This course is one of three in the successful series of Esthetic Full-Mouth Implant Reconstruction offering a comprehensive review of this treatment modality. It will expose you to a larger variety of patients with challenging conditions to enrich your experience in this field. You may take each module separately, but we encourage you to take all modules to maximize your learning experience and fully comprehend this treatment modality.

Esthetic Full-Mouth Implant Reconstruction: CAD/CAM Restorations and Computer Guided Technology
(Please complete form and send to: Herman Ostrow School of Dentistry of USC Continuing Professional Education)

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Registration Fees (Please Check Boxes)

Complete Course:
☐ Modules I, II & III (Oct. 6, 7, and 8, 2017)

Before Sep. 1, 2017: Dentist $1,875; Auxiliary $1,675

After Sep. 1, 2017: Dentist $2,125; Auxiliary $1,900

Module I: Lecture (Friday, Oct. 6, 2017)

Before Sep. 1, 2017: Dentist $295; Auxiliary $250

After Sep. 1, 2017: Dentist $375; Auxiliary $320

Module II: Lecture (Saturday, Oct. 7, 2017)

Before Sep. 1, 2017: Dentist $295; Auxiliary $250

After Sep. 1, 2017: Dentist $375; Auxiliary $320

Module III: Hands-On (Sunday, Oct. 8, 2017)

Before Sep. 1, 2017: $1,875

After Sep. 1, 2017: Dentist $375; Auxiliary $320

Fees include course material, continental breakfast and refreshments during breaks.

7 Continuing Education Units Per Day

ADA CERP is a service of the American Dental Association to assist dental professionals in identifying quality providers of continuing dental education. ADA CERP does not approve or endorse individual courses or instructors, nor does it imply acceptance of credit hours by boards of dentistry.

Refunds are granted only if a written cancellation notification is received at least 21 days before the course. 50% of the tuition minus processing fee will be refunded if cancellation occurs within 14 days before this course. No refund is granted afterwards. A $75 fee is withheld for processing. For additional registrations, copy this form and send.