

## Upcoming Events

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### MASTERING MOLAR ENDODONTICS

Friday - Saturday, February 2 - 3, 2007

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### EMERGING DISEASES, INFECTION CONTROL AND CALIFORNIA DENTAL PRACTICE ACT

Saturday, February 3, 2007

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### ESTHETIC IMPLANT RECONSTRUCTION OF THE EDENTULOUS PATIENT

Saturday, February 10, 2007

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### CHRONIC OROFACIAL, ORODENTAL AND HEADACHE PAINS FOR THE DENTIST

Friday - Saturday, February 23 - 24, 2007

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### "DUAL-TOP" TEMPORARY ANCHORAGE DEVICE (TAD) FOR ORTHODONTICS

Saturday, February 24, 2007

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### FUNDAMENTALS OF RESTORATIVE IMPLANT DENTISTRY FOR THE GENERAL DENTIST

Friday, March 2, 2007

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### ORAL SURGERY FOR THE GENERAL PRACTITIONER

Saturday, March 3, 2007

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### DIGITAL PHOTOGRAPHY IN DENTISTRY

Part I: Friday, March 9, 2007

Part II: Saturday, March 10, 2007

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### REALIZATION OF THE PATIENT: WAX UP & PROVISIONALS

Friday - Saturday, March 9 - 10, 2007

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### USC RUTH RAGLAND 21<sup>ST</sup> DENTAL HYGIENE SYMPOSIUM

Saturday, March 10, 2007

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### PERIODONTAL UPDATE: *WHAT EVERY CLINICIAN NEEDS TO KNOW*

Friday, March 16, 2007

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### IMPLANT THERAPY IN COMPROMISED SITES

Friday - Sunday, May 4 - 6, 2007

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### ADVANCED IMPLANT RESTORATION

Friday - Sunday, June 1 - 3, 2007

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## IMPLANT THERAPY IN THE ESTHETIC ZONE



**Lectures, Hands-on Workshop &  
Live Surgery on: Extraction, Implant  
Placement & Provisionalization**

USC Davidson Executive Conference Center  
Friday, April 13, 2007, 8:00 a.m. - 5:00 p.m.  
Saturday, April 14, 2007, 8:00 a.m. - 4:00 p.m.  
Sunday, April 15, 2007, 8:00 a.m. - 1:00 p.m.

### Lyndon Cooper, DDS, PhD

Dr. Cooper is the Stallings Distinguished Professor of Dentistry within the Departments of Prosthodontics and Biochemistry & Biophysics at the University of North Carolina, Chapel Hill. He is the Director of the Advanced Education Program in Graduate Prosthodontics and the Bone Biology and Implant Therapy Laboratory. A Diplomate of the American Board of Prosthodontics, Dr. Cooper was recognized as the American College of Prosthodontists Outstanding Young Prosthodontist (1997) and has served as a member of its Board of Directors.

### Fereidoun Daftary, DMD, MSD

Dr. Daftary received his dental education from the National University of Iran and has completed post-graduate training in prosthodontics at Boston University. He has served as Chair of the Department of Fixed Prosthodontics at the University of Southern California. Dr. Daftary is a frequent lecturer at national and international meetings. He has also developed and patented many implant components, including the Anatomic Abutment and Bio-Esthetic Systems. His current research focuses on improving implant esthetics and function.

### Yoshihiro Goto, DDS, MSD

Dr. Goto is Clinical Assistant Professor of Advanced Prosthodontics at the University of Southern California, School of Dentistry. He graduated from Nihon University school of Dentistry in Tokyo, Japan, and received his doctor of dental surgery degree from the University of Southern California. Dr. Goto earned his Master Degree and Certificate of Advanced Training Prosthodontics from the University of Washington, Seattle. He has published multiple articles and given numerous presentations nationally and internationally focusing on implants and esthetic rehabilitation.

### Joseph Kan, DDS, MS

Dr. Joseph Kan completed his specialty training in Advanced Prosthodontics and his Master degree at the Advanced Implant Dentistry, Loma Linda University School of Dentistry (LLUSD) in 1997. He is currently Associate Professor in the Department of Restorative Dentistry at LLUSD. Dr. Kan is the recipient of the Best Research Award from the Academy of Osseointegration. He also received the Judson C. Hinckey Scientific Award from the Journal of Prosthetic Dentistry.

### Pascal Magne, DMD, PhD

Associate Professor and Director of Esthetic Dentistry at the University of Southern California School of Dentistry. Dr. Magne obtained his postgraduate education in Prosthodontics and Operative Dentistry from the University of Geneva. He was awarded with major grants by the Swiss Science Foundation, the Swiss Foundation for Medical-Biological Grants and the International Association for Dental Research. He received his PhD degree in 2002. Dr. Magne is the author of the textbook *Bonded Porcelain Restorations*.

### Homayoun H. Zadeh, DDS, PhD (Course Director)

Associate Professor, USC School of Dentistry. Dr. Zadeh is a graduate of the USC School of Dentistry. He completed the advanced clinical education in Periodontology and earned his PhD degree in Immunology from the University of Connecticut. He is a Diplomate of the American Board of Periodontology. He has an extensive publication track record and serves as the editorial reviewer for several scientific journals, as well as the NIH Center for Scientific Review. Dr. Zadeh directs the Laboratory for Immunoregulation and Tissue Engineering (LITE), funded by the National Institute of Health. Dr. Zadeh is the Director of USC Periodontal and Implant Symposium.

## SYNOPSIS

The anterior maxilla is often referred to as the “esthetic zone”. Tooth replacement in the esthetic zone presents unique challenges for the clinician. Yet, achievement of optimal esthetics in this area can be most rewarding. The prerequisites for achieving a successful esthetic outcome in this region include: 1) knowledge of the biology of the implant-prosthesis-tissue interface and their post-treatment alterations; 2) careful preoperative treatment planning; 3) augmentation of hard and soft tissues when deficiencies exist and 4) attention to details in execution of surgical and prosthetic techniques. This course will review the biological fundamentals, as well as the clinical surgical and restorative techniques involved.

### This course is recommended for:

- Surgical specialists and restorative dentists who would like to acquire a more in-depth and comprehensive understanding, as well as practical skills to achieve predictable treatment outcome in the esthetic zone
- Allied professionals (laboratory technicians, dental hygienists and dental assistants) who participate as members of the implant therapy team and would like to be more effective in their functions by enhancing their fundamental and practical knowledge

### Topics to be covered:

- Biology of implant-prosthesis-tissue interface
- Factors affecting stability of the peri-implant tissues
- Treatment planning and case selection:
  - Surgical considerations
  - Prosthetic considerations
- Diagnostic tools: CT imaging, surgical guide
- Computer-assisted implant positioning
- The applications of the microscope in implant surgery
- Influence of implant component design on esthetic outcome
- Selection and sequencing of implant site-development techniques
- Orthodontic therapy for site development
- Soft tissue augmentation around implants
- Papilla preservation and regeneration around implants
- Minimally invasive tooth extraction
- Ridge preservation and augmentation
- Immediate implant placement vs. staged implant placement
- Minimally invasive implant placement
- Immediate vs. delayed implant loading
- Implant impression techniques
- Abutment selection
- Provisional placement: immediate vs. staged
- Laboratory techniques and procedures

### Hands-On Workshop

- Minimally invasive tooth extraction
- Socket preservation techniques
- Implant placement into extraction socket
- Impression techniques
- Abutment modification
- Provisional fabrication

### Live Surgery Demonstration

- Minimally invasive tooth extraction
- Implant placement into extraction socket
- Fixture-level impression
- Abutment modification
- Provisional fabrication

*\* This course is suitable for clinicians with intermediate or advanced experience in implant dentistry.*