

**USC**

SCHOOL OF  
DENTISTRY

*106 Years of  
Tradition and Excellence*

**29th Annual  
USC Periodontal and Implant  
Symposium**



**Conventional periodontal  
therapy vs. implants:**

**An evidence-based approach to  
decision-making for the manage-  
ment of compromised dentition**

**January 30-31, 2004**

**Wilshire Grand Hotel, Los Angeles**



## The 29th Annual USC Periodontal and Implant Symposium

Dear Colleagues and Friends,

A frequent dilemma facing clinicians and patients is whether to treat the compromised dentition or replace them with dental implants. The introduction of dental implants into routine practice has provided clinicians with a predictable therapeutic option, necessitating a systematic comparison of conventional therapeutic modalities against dental implants. There are many clinical factors, which limit therapeutic success of teeth, e.g. attachment loss, furcation involvement, endodontic involvement and extensive restoration. Though the success rate of dental implants is widely believed to be greater than 90%, there remain many challenges, e.g. anatomic limitations, alveolar ridge atrophy and reduced bone density. Moreover, the esthetic zone poses unique therapeutic challenges for teeth, as well as implants. Regenerative therapy offers a means for restoring the lost tissues around teeth and for implant site development; though this field continues to remain controversial, as the efficacy of various regenerative therapeutic modalities is debated.

The 29th Annual USC Periodontal & Implant Symposium will build on the success of past symposia, while introducing many changes to the format. In addition to increased number of presentations, luncheon-for-learning sessions will allow for personal interaction with experts. An international panel of experts from the United States, Canada and Europe, representing both surgical and restorative disciplines, will address the most pressing issues in their respective fields. Presentations by experts from different disciplines with diverse philosophies are likely to provoke a lively debate, as highly controversial subjects are discussed. This is an educational opportunity not to be missed by the entire oral health care team, including specialists, restorative dentists and dental hygienists.



**Homayoun Zadeh, DDS, PhD**  
Symposium Chair and Moderator

## General Session



### **Oded Bahat, DDS, BDS, MSD**

Dr. Bahat is a Diplomate of the American Board of Periodontology and maintains a private practice in periodontics in Beverly Hills, California. He is the former Director of Postdoctoral Periodontics at the University of Southern California, Los Angeles, California. He completed his dental education in South Africa, followed by clinical training in periodontics at Washington University in Seattle.

In 1994 he was elected a Fellow of the American College of Dentistry.

**Topic: Treatment of the severely resorbed anterior maxilla:  
Criteria for achieving implant esthetics**



### **William Becker, DDS, MSD, OD (hc)**

Associate Professor of Periodontology at the University of Southern California School of Dentistry, Los Angeles, California. Clinical Professor of Periodontology at the University of Texas at Houston, Texas. Dr. Becker is a Diplomate of the American Board of Periodontology and served as a Board Director. He is Past President of the Southern Arizona Dental Society and the

American Academy of Periodontology. He is a Fellow of the American College of Dentists and a member of the National Academy of Practitioners. He has authored over 60 clinical and animal studies relating to periodontal therapy or dental implants and has lectured throughout the United States, Europe, the Far East and the Middle East. Dr. Becker is engaged in clinical research relating to teeth and dental implants, is in full time private practice in Tucson, Arizona and is co-editor of Clinical Implant Dentistry and Related Research.

**Topic: Early loading of dental implants: Myth or reality**



### **Yang Chai, DDS, PhD**

Associate Professor at the University of Southern California School of Dentistry, Los Angeles, California. He completed his dental education and earned his Ph.D in Craniofacial Biology at USC. He previously obtained his dental degree, as well as post-doctoral training in Oral-Maxillofacial Surgery at the Beijing Medical University, Beijing, China. He is

engaged in active NIH-funded research at the Center for Craniofacial and Molecular Biology (CCMB) at USC. He has published extensively in peer-review journals and authored book chapters. Dr. Chai received numerous awards, including several Awards of Excellence in Teaching at USC.

**Topic: Prospects for tooth regeneration in the 21st century**



### **George C. Cho, DDS, F.A.C.P**

Associate Professor, Division of Craniofacial Science and Therapeutics and Director of the Pre-doctoral Implant Program at the University of Southern California School of Dentistry. He developed and taught courses at the pre- and post-doctoral levels primarily involved with dental esthetics, implants and fixed prosthodontics and has published articles and

lectured on the topics of restorative dentistry and dental materials. Dr. Cho is also a fellow of the American Board of Prosthodontics, Member of the American Academy of Restorative Dentistry, ADA, CDA, and Western Los Angeles Dental Society.

**Topic: Treatment planning for extensively restored teeth**



### **David L. Cochran, DDS, PhD**

Professor and Chairman of the Department of Periodontics at the University of Texas Health Science Center at San Antonio, Dental School. Prior to his appointment at San Antonio, he was Director of Postgraduate Periodontics at MCV. Dr. Cochran is a member of many professional dental organizations and is a Diplomate of the American Board of

Periodontology. He is a fellow of the American College of Dentistry and the International College of Dentistry. He has published numerous scientific articles and abstracts on various periodontal biochemistry and implant topics. He has received awards for his research work at both the national and international levels. Dr. Cochran is an active basic science and clinical researcher who has received funding from both the NIH-NIDR and private industry.

**Topic: Is stability of soft and hard tissues around an implant important for its success?**



### **Fereidoun Daftary, DMD, MSC**

Dr. Daftary served as Chair of the Department of Fixed Prosthodontics at the University of Southern California School of Dentistry and also as Assistant Professor at New York University. 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. He is an educator, clinician, researcher, innovator, author and lecturer. His current research focuses on improving implant esthetics and function. Dr. Daftary maintains a private practice limited to prosthodontics and implant dentistry in Beverly Hills, California.

**Topic: Implant design criteria for optimal esthetic outcome**



### **Robert A. Danforth, DDS**

Dr. Danforth graduated from Loma Linda University School of Dentistry and earned a certificate in Oral Pathology from the University of Florida School of Dentistry, followed by a preceptorship in Oral Radiology at the Vanderbilt University School of Medicine. He is Board certified in Oral Pathology and has taught oral radiology and/or oral pathology for over 20 years. He is currently at the University of Southern California School of Dentistry, where he focuses his research and teaching activities on digital imaging, in particular three-dimensional imaging.

**Topic: Three-dimensional imaging**



### **Douglas A. Deporter, DDS, PhD**

Professor in the Institute of Biomaterials and Biomedical Engineering at the University of Toronto, Canada. He completed his dental education, Clinical Specialty in Periodontics, as well as earned his Ph.D at the University of Toronto. He obtained his post-doctoral education at the Department of Experimental Pathology of the St. Bartholomew's Hospital University of London, U.K. Dr. Deporter has published extensively in the field of Implantology and serves on the editorial board of the Journal of Dental Research.

**Topic: Treatment of the severely posterior resorbed maxilla: the role of implant surface topography**



### **Nicolas Elian, DDS**

Dr. Nicolas Elian is Assistant Professor and Program Director in the Department of Implant Dentistry at the New York University College of Dentistry. Dr. Elian is a graduate of New York University, where he earned his dental degree, a certificate of Advanced Education in Prosthodontics, as well as a certificate of Fellowship in Implant Dentistry. He is engaged in active research on various surgical and restorative aspects of implants. Dr. Elian has presented at numerous national and international meetings.

**Topic: Critical factors in implant esthetics and ridge preservation**



### **Sascha A. Jovanovic, DDS, MS**

Dr. Jovanovic specializes in dental implant therapy and bone & soft tissue reconstruction at the UCLA School of Dentistry. He is the immediate past-president of the European Association for Osseointegration (EAO) and president-elect of the Osseointegration Foundation (OF). He was the program chair of the EAO 2000 annual scientific

congress, the 1994 recipient of the young investigator fellowship of the American Academy of Periodontology, the 1993 recipient of the Implantology award of the California Society of Periodontists and the 1990 recipient of the German Implant Society Research award. His clinical research emphasizes on bone reconstruction techniques and aesthetic management in complex dental implant cases. His applied research focuses on bone regeneration with different bone graft materials, rhBMP-2 and barrier membranes as well as the biology of soft tissues around teeth and implants. He has lectured extensively worldwide and published over 60 articles and book chapters. He is also on several editorial boards for scientific journals.

**Topic: Key factors for aesthetic implant therapy**



### **Karl-Erik Kahnberg, DDS, PhD**

Professor and Chairman in the Department of Oral and Maxillofacial Surgery at the University of Goteborg, Sweden. He is also responsible for undergraduate, graduate and postgraduate training in oral and maxillofacial surgery in the Faculty of Odontology. In 1997, Dr. Kahnberg was the award prize winner at the Gothenburg Dental Association.

Dr. Kahnberg has published numerous scientific papers concerning different aspects of oral and maxillofacial surgery. Regarding implant surgery, his main interest has been analyzing the therapy within implant and transplant cases of reduced alveolar bone support.

**Topic: Treatment of the severely resorbed maxilla: Bone graft remodelling and implant success**



### **James T. Mellonig, DDS**

Professor and Director of the Advanced Education Program in Periodontics at the University of Texas Health Science Center at San Antonio, Texas. He is Past President of the American Academy of Periodontology, Diplomate of the American Board of Periodontology, Past Director of the American Board of Periodontology and Diplomate of the American

Board of Oral Medicine. He is to receive the Outstanding Educator Award from the American Academy of Periodontology this year at their Annual Meeting. He is the author of over 100 scientific publications and editor of 5 textbook chapters as well as two books.

**Topic: Periodontal bone grafts and bone enhancement factors**



### **Hessam Nowzari, DDS, PhD**

Associate Professor of Clinical Dentistry and Director of Advanced Periodontics at the University of Southern California. Dr. Nowzari is Diplomate of the American Board of Periodontology. He completed his dental education in Brussels, Belgium, followed by clinical training in Periodontology at USC and earned his Ph.D in Biology and Health Sciences in Rennes, France. He published extensively in peer-review journals, as well as book chapters. Dr. Nowzari is an advisor to the Italian Minister of Research for medical engineering projects. Dr. Nowzari has received numerous awards, including the AAP Young Investigator Fellowship. He serves as an editorial reviewer for several scientific and clinical journals.

**Topic: Periodontal therapy in the 21st century: The role of implants**



### **Ilan Rotstein, DDS**

Associate Professor and Chair, Division of Surgical, Therapeutic and Bioengineering Sciences and Associate Dean for Continuing Oral Health Professional Education at the University of Southern California School of Dentistry. He is Chair of the Research Committee of the International Federation of Endodontic Associations and a member of the Research Committee of the American Association of Endodontists. He is Past-President of the Israeli Division of the International Association for Dental Research, Past-President of the Israel Endodontic Society and Past-Chairman of the Israel National Board of Diplomates in Endodontics. Dr. Rotstein has published over 100 scientific articles and research abstracts in the dental literature as well as chapters in international endodontic textbooks.

**Topic: Diagnosis, prognosis and decision-making in the treatment of combined endodontic-periodontal diseases**



### **Daniel Y. Sullivan, DDS**

Dr. Sullivan is Diplomate of the American Board of Prosthodontists and conducts a full time private practice in Washington, D. C. and McLean, Virginia. He has published numerous articles in peer reviewed journals and co-authored the text "Esthetics & Osseointegration". Dr. Sullivan has served as President of both the Academy of Osseointegration and the American Academy of Esthetic Dentistry. He continues to lecture extensively both in the United States and abroad.

**Topic: A sixteen-year retrospective analysis of esthetic success and failure with osseointegrated implants for replacement of single teeth in the anterior region**



### **Clark M Stanford, DDS, PhD**

Centennial Fund Professor for Clinical Research in the Dows Institute for Dental Research and in the Department of Prosthodontics, College of Dentistry, University of Iowa. Dr. Stanford received his BS, DDS, Certificate in Prosthodontics and Ph.D in Cell Biology from the University of Iowa. He has been on the faculty at the University of Iowa

since 1992 and also holds an appointment in the Department of Orthopaedic Surgery, College of Medicine. Dr. Stanford is a member of several professional organizations and serves on their governing board and committees. These include the American Society for Cell Biology, American Association for Dental Research/International Association for Dental Research, Orthopaedic Research Society, Academy of Osseointegration and The American College of Prosthodontists. He is a Fellow in the Academy of Prosthodontics. His research activities include determination of the molecular regulation of bone and connective tissue responses to mechanical stimuli, the mechanisms of regulating bone mineralization and a series of clinical studies evaluating clinical material outcomes. He teaches primarily at the graduate level and maintains an intramural clinical prosthodontic practice within the College of Dentistry.

**Topic: Understanding of implant occlusion and its effect on bone around dental implants**

For more information, please visit us at  
<http://www.periosymposium.org>

#### **REGISTRATION FEES**

##### **General Sessions**

##### **Before January 1, 2004**

Dentist: \$395

Allied Professionals (RDH, RDA, CDT): \$245

##### **After January 1, 2004**

Dentist: \$445

Allied Professionals (RDH, RDA, CDT): \$285

**Luncheon-for-Learning:** \$55 per session



# Luncheon- for- Learning

12:30 p.m. – 2:00 p.m.

Please mark your choices of the sessions that you want to attend. Each Luncheon-for-Learning session is limited to 11 participants and all requests are processed based on the order the requests are received.

Friday Luncheon-For-Learning Session
Topic
Prospects for tooth regeneration in the 21st century
Treatment planning for extensively restored teeth
Systemic antimicrobial therapy
Implant design criteria for optimal esthetic outcome
Three-dimensional imaging
Critical factors in implant esthetics and ridge preservation
Moving forward with ultrasonics
Periodontal bone grafts and bone enhancement factors
Periodontal therapy in the 21st century: The role of implants
Diagnosis, prognosis and decision-making in the treatment of combined endodontic-periodontal diseases
Clinical applications of acellular dermal matrix allograft for management of inadequate attached gingiva

Saturday Luncheon-For-Learning Session
Topic
Treatment of the severely resorbed anterior maxilla: Criteria for achieving implant esthetics
Early loading of dental implants: Myth or reality?
Is stability of soft and hard tissues around an implant important for its success?
Treatment of the severely resorbed posterior maxilla: The role of implant surface topography
Local antimicrobial therapy
Treatment of the severely resorbed posterior maxilla: Bone graft remodelling and implant success
Integrating natural esthetics in the implant therapy
A sixteen-year retrospective analysis of esthetic success and failure with osseointegrated implants for replacement of single teeth in the anterior region
Alveolar ridge augmentation with mandibular block bone grafts
Clinical applications of platelet-rich plasma (PRP)
Clinical applications of enamel matrix proteins in periodontal regeneration
Understanding of implant occlusion and its effect on bone around dental implants

Please also mark a second choice in case that the session of your first choices becomes unavailable. The cost for each session is \$55 per person. For more information, please visit us at <http://www.periosymposium.org>

<b>Speaker</b>	<b>Date</b>	<b>Section #</b>
Dr. Yang Chai	Friday	101A
Dr. George C. Cho	Friday	102A
Dr. Casey Chen	Friday	103A
Dr. Fereidoun Daftary	Friday	104A
Dr. Robert A. Danforth	Friday	105A
Dr. Nicolas Elian	Friday	106A
Denise McDonald, RDH	Friday	107A
Dr. James T. Mellonig	Friday	108A
Dr. Hessam Nowzari	Friday	109A
Dr. Ilan Rotstein	Friday	110A
TBA	Friday	111A

<b>Speaker</b>	<b>Date</b>	<b>Section #</b>
Dr. Oded Bahat	Saturday	101B
Dr. William Becker	Saturday	102B
Dr. David L. Cochran	Saturday	103B
Dr. Douglas A. Deporter	Saturday	104B
Dr. Michael Jorgenson	Saturday	105B
Dr. Karl-Erik Kahnberg	Saturday	106B
Dr. Brian P. LeSage	Saturday	107B
Dr. Daniel Y. Sullivan	Saturday	108B
TBA	Saturday	109B
TBA	Saturday	110B
TBA	Saturday	111B
Dr. Clark M. Stanford	Saturday	112B

## Corporate Partners



# Upcoming Events

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## THE ARTISTIC DENTIST-EXCELLENCE IN DIRECT ANTERIOR AND POSTERIOR COMPOSITES

Saturday, December 6, 2003

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## CHRONIC OROFACIAL PAIN DISORDERS:

*A WORKSHOP COURSE*

Friday - Saturday, January 30 - 31, 2004

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## MODERN HYPNOSIS FOR 21ST CENTURY DENTISTS

Saturday - Sunday, March 6 - 7, 2004

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## ORAL SURGERY FOR THE GENERAL PRACTITIONER

Saturday, March 13, 2004

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## USC ADVANCED ESTHETIC DENTISTRY CONTINUUM:

*A HANDS-ON COURSE*

Friday - Sunday, March 19 - 21, 2004

Friday - Sunday, May 21 - 23, 2004

Friday - Sunday, June 18 - 20, 2004

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## COSMETIC IMAGING USED TO ENHANCE ESTHETIC CASE PRESENTATIONS & TREATMENT PLANS

Saturday, March 27, 2004

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## SNORING, OBSTRUCTIVE SLEEP APNEA AND MANDIBULAR ADVANCEMENT DEVICES:

*A WORKSHOP COURSE*

Friday - Saturday, April 2 - 3, 2004

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## MAKING SENSE OUT OF REMOVABLE PARTIAL DENTURE DESIGN: A HANDS-ON WORKSHOP

Saturday, April 24, 2004

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## ENDODONTICS FROM A TO Z:

*A HANDS-ON WORKSHOP FOR THE GENERAL PRACTITIONER*

Friday - Sunday, June 11 - 13, 2004

Friday - Sunday, June 25 - 27, 2004

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# The 29th Annual USC Periodontal and Implant Symposium

Friday - Saturday, January 30 - 31, 2004

For additional information and updates, visit us at  
<http://www.periosymposium.org>

## Registration Form

FIRST NAME \_\_\_\_\_

LAST NAME \_\_\_\_\_

ADDRESS \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

PHONE (            ) \_\_\_\_\_ - \_\_\_\_\_

FAX     (            ) \_\_\_\_\_ - \_\_\_\_\_

E-MAIL \_\_\_\_\_

Session	Indicate 2 choices for Luncheon-for-learning, in case your primary choice is not available		Amount
General sessions			\$ _____
Friday Luncheon-for-learning	First choice Session # _____	Second choice Session # _____	\$ _____
Sat. Luncheon-for-learning	First choice Session # _____	Second choice Session # _____	\$ _____
<b>Total amount due</b>			\$ _____

MASTERCARD     VISA     CHECK ENCLOSED

CARD NUMBER \_\_\_\_\_

EXPIRATION DATE \_\_\_\_\_

TOTAL PAYMENT \$ \_\_\_\_\_

SIGNATURE \_\_\_\_\_

### ▶ 14 Hours of Continuing Education ◀

#### Registration Fees General sessions

##### Before January 1, 2004

Dentist: \$395

Allied Professionals

(RDH, RDA, CDT): \$245

##### After January 1, 2004

Dentist: \$445

Allied Professionals

(RDH, RDA, CDT): \$285

#### Luncheon-for-Learning \$55 per session

#### Please make checks payable and mail to

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Website: [www.usc.edu/dental](http://www.usc.edu/dental)

*Please xerox and fill out a separate form for each enrollee*