

## Upcoming Events

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### ALASKA CRUISE TRAVEL & LEARN PROGRAM

Seminar at Sea: Sunday - Sunday, July 1 - 8, 2007

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### CLINICAL INTRAVENOUS SEDATION

Part I: Thursday - Sunday, July 5 - 8, 2007  
Part II: Friday - Sunday, July 13 - 15, 2007

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### ESTHETIC IMPLANT RECONSTRUCTION OF THE EDENTULOUS PATIENT

Module I: Saturday, July 14, 2007  
Module II: Friday, July 20, 2007  
Module III: Saturday, July 21, 2007

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### TEMPOROMANDIBULAR DISORDERS, ARTHROCENTESIS AND BOTOX/TRIGGER POINT INJECTIONS

Friday - Saturday, July 20 - 21, 2007

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### ATRAUMATIC EXTRACTION, SITE MANAGEMENT, AND BONE GRAFTING FOR IMPLANT SITE DEVELOPMENT

Saturday, July 21, 2007

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### 32ND ANNUAL REVIEW OF CONTINUING EDUCATION IN DENTISTRY

Maui Hawaii: Thursday - Sunday, August 2 - 5, 2007  
Maui Hawaii: Tuesday - Friday, August 7 - 10, 2007

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### BONDED RESTORATION FOR POSTERIOR DENTITION

Friday, August 3, 2007

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

Friday - Saturday, August 17 - 18, 2007

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### FUNDAMENTALS OF IMPLANT SURGERY AND RESTORATION

Saturday - Sunday, September 8 - 9, 2007  
Saturday - Sunday, October 6 - 7, 2007  
Saturday - Sunday, November 3 - 4, 2007

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### TEAM DRIVEN DIAGNOSIS, TREATMENT PLANNING AND ACCEPTANCE, FOR A SUCCESSFUL ESTHETIC PRACTICE

Friday - Saturday, September 14 - 15, 2007

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### RESTORATION OF THE WORN DENTITION

Friday, September 21, 2007

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### PAIN MEDICATIONS UPDATE FOR DENTISTS TREATING CHRONIC PAIN AND TMD

Friday - Saturday, October 19 - 20, 2007

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USC School of Dentistry is an ADA CERP, CDA and AGD recognized provider

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## New Approaches for Antimicrobial Treatment of Periodontal Disease

USC School of Dentistry  
Friday, August 10, 2007  
9:00 a.m. - 5:00 p.m.

## New Approaches for Antimicrobial Treatment of Periodontal Disease

Friday, August 10, 2007

9:00 a.m. - 5:00 p.m.



### **Jørgen Slots, DDS, DMD, PhD, MS, MBA**

Dr. Slots is Professor of Dentistry and Microbiology at USC School of Dentistry. He graduated from the Royal Dental College, Copenhagen, Denmark in 1969. In 1976 he completed his Postgraduate Education in Periodontology at the Royal Dental College in Copenhagen, and in 1977 obtained a Certificate in Microbiology from the Forsyth Dental Center, Boston, MA. He obtained a D.M.D. degree in 1987 and an M.B.A degree in 1989 from the University of Pennsylvania. Dr. Slots has served as Chair of the Dept. of Oral Microbiology at the University of Goteborg in Sweden (1982-1986), Chair of Periodontology at the USC School of Dentistry (1991-2001) and Associate Dean for Research at the USC School of Dentistry (1990-2000). Since 1991 he has served as Head of the Oral Microbiology Testing Laboratory. He is a member of many national and international professional and scientific societies and was awarded with numerous distinguished awards in periodontology and dental research. He is the Editor-in-Chief of three leading dental journals: Oral Microbiology and Immunology, Periodontology 2000 and Journal of Periodontal Research. He has published more than 300 articles and textbook chapters in periodontology, implantology, microbiology, immunology and molecular biology and has lectured extensively in the United States and around the world.

### SYNOPSIS

The recognition over the past three decades of microbial specificity in periodontitis has afforded dental practitioners the ability to prevent and treat the disease with a variety of antimicrobial drugs. These include systemic antibiotics, topical antibiotics and topical antiseptics. Systemic antibiotic therapy can be essential in eliminating pathogenic bacteria that invade gingival tissue and in helping control periodontal pathogens residing in various domains of the mouth from where they may translocate to periodontal sites. Frequently used periodontal combination antibiotic therapies are metronidazole-amoxicillin (250-375 mg of each/three times daily/8 days) and metronidazole-ciprofloxacin (500 mg of each/twice daily/8days). Microbiological analysis helps determine the optimal antibiotic therapy and the effectiveness of treatment. Topical antibiotics that are commercially available as controlled release devices suffer from several potential problems, including insufficient spectrum of antimicrobial activity in some periodontal polymicrobial infections, risks of producing an antibiotic resistant microbiota, and high acquisition costs. The presentation recommends periodontal treatment that includes a battery of professionally and patient administered antimicrobial agents. Available chemotherapeutics can provide effective, safe, practical and affordable means of controlling subgingival colonization of periodontal pathogens and various types of periodontal disease. Treatment protocols and cases will be presented.

### Upon completion of this course participants should be able to know:

- The type of periodontal patients who should be treated with adjunctive antimicrobial therapy
- Safe and effective antimicrobial therapies and how to select the most optimal antibiotic and antiseptic therapy for individual patients
- Effective and rational recall programs for periodontitis patients
- Super-effective, long-lasting and inexpensive means of combating bad breath and some types of tooth sensitivity (this part of the course is extremely valuable and the information is not being presented in other CE courses in the USA)

*The course will present data from clinical scientific studies and from own clinical case reports on antimicrobial periodontal therapy. In a clinical demonstration, the course participants will experience, in their own mouth, an instantaneous benefit of effective antimicrobial therapy.*

