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School of Dental Medicine
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COURSE SPONSORS
A special thanks to the following companies for their support of courses within the Fall 2010 / Winter 2011 program:
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Academic Review of Endodontontology

PRESENTED BY: THE UNIVERSITY OF PENNSYLVANIA, ALBERT EINSTEIN MEDICAL CENTER, AND TEMPLE UNIVERSITY

17 TOTAL LECTURE CREDIT HOURS!
FRIDAY, OCTOBER 1, 2010, 8:45 AM – 6 PM (7.5 LECTURE CREDIT HOURS);
SATURDAY, OCTOBER 2, 8:45 AM – 4:15 PM (6 LECTURE CREDIT HOURS);
SUNDAY, OCTOBER 3, 8:45 AM – 12:45 PM (3.5 LECTURE CREDIT HOURS)

This two-and-a-half-day program provides an intensive review of the biologic foundations of endodontology. The course is designed to be an ideal review for candidates taking the written or oral board examinations and will benefit all those interested in endodontics. It is appropriate for students, faculty, specialists, and general practitioners.

THIS COURSE WILL ENABLE PARTICIPANTS TO:
• Feel more comfortable with the biologic foundations of endodontology.
• Be better prepared for the written and/or oral board examinations.

FACULTY
COURSE DIRECTOR: SYNGCUK KIM, DDS, PhD, MD (HON), LOUIS I. GROSSMAN PROFESSOR AND CHAIR, DEPARTMENT OF ENDODONTICS, PENN DENTAL MEDICINE

GUNNAR BERGENHOLTZ, LDS, ODONT DR (Lecture topic: Pulp Biology)
Dr. Bergenholz is Professor Emeritus of the Sahlgrenska Academy at the University of Gothenburg in Sweden. During his career, Dr. Bergenholz has assumed a variety of leading academic positions in Sweden and the U.S. His scientific publications primarily relate to clinical endodontics and pulp biology with a focus on defense mechanisms of the dentin-pulp complex to bacterial elements.

PAUL D. ELEAZER, DDS, MS (Lecture topic: Mock Orals)
Dr. Eleazer is Professor and Chair of the Department of Endodontics and Pulp Biology at the University of Alabama at Birmingham School of Dentistry. He earned his DDS at the University of North Carolina and holds a certificate in endodontics and a Masters in Oral Biology from Temple University. Dr. Eleazer taught endodontics at the Medical College of Virginia and practiced endodontics in Albany, Ga. He also led the endodontics residency program at the University of Louisville and served as Chair of the Department of Periodontics, Endodontics, and Dental Hygiene.

ASHRAF F. FOUAD, BDS, DDS, MS (Lecture topic: Board Preparation)
Dr. Fouad is Professor and Chair of the Department of Endodontics, Prosthetics, and Operative Dentistry at the University of Maryland. He holds a DDS, certificate of endodontics, and a Master of Science degree from the University of Iowa. Dr. Fouad is also a Diplomate of the American Board of Endodontics. His research interests include endodontic molecular microbiology, effectiveness of antibiotic therapy, endodontic treatment outcomes, and the pathogenesis and healing of periradicular lesions in the host with normal and compromised systemic health.

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KEN M. HARGREAVES, DDS, PHD (Lecture topic: Pain)
Dr. Hargreaves is Professor and Chair of Endodontics at the University of Texas Health Science Center at San Antonio. He received his DDS from Georgetown University, PhD in physiology from the Uniformed Services University of the Health Sciences in Bethesda, Md., and a certificate in endodontics from the University of Minnesota. His areas of research focus on the pharmacology of pain and regenerative endodontics. Dr. Hargreaves spent five years at the Pain Clinic of the NIDCR and seven years as Associate Professor of Endodontics and Pharmacology at the University of Minnesota. He is also a recipient of an NIH MERIT Award for research, two IADR Distinguished Scientist Awards, and the Louis I. Grossman Award from the AAE.

ELLIOT HERSH, DMD, MS, PHD (Lecture topic: Antibiotics)
Dr. Hersh is Professor, Department of Oral Surgery/Pharmacology, and Director of the Division of Pharmacology and Therapeutics at Penn Dental Medicine. He is also Chairman of the IRB-3 Committee on Studies Involving Human Beings at the University of Pennsylvania Office of Regulatory Affairs and a 2007 recipient of the IADR Distinguished Scientist Award in Pharmacology, Therapeutic, and Toxicology.

GEORGE T.-J. HUANG, DDS, MSD, DSC (Lecture topic: Bone Resorption)
Dr. Huang is Chair and Herbert Schilder Professor and Director of Postgraduate Programs in Endodontics at Boston University Henry M. Goldman School of Dental Medicine. He is widely published, including papers in Stem Cells and Development, Tissue Engineering, Regenerative Medicine, Infection and Immunity, Human Gene Therapy, Journal of Dental Research, and Journal of Endodontics. His current research interest is in the area of stem cells and regenerative medicine.

JEFFREY W. HUTTER, DMD, MED (Lecture topic: Fascial Space Infections)
Dr. Hutter is Dean and Spencer N. Frankl Professor in Dental Medicine at Boston University Henry M. Goldman School of Dental Medicine. He is also an Adjunct Associate Professor of Endodontics at Penn Dental Medicine. Dr. Hutter received a DMD from Penn Dental Medicine, a certificate in endodontics from the Naval Dental School, and an MA in education and human development from George Washington University. He is a Diplomate of the American Board of Endodontics and a retired Captain of the U.S. Navy Dental Corps.

GORDON PRINGLE, DDS, PHD (Lecture topic: Periapical Lesions)
Dr. Pringle is Professor of Pathology and Laboratory Medicine at Temple University School of Medicine. He holds a combined BSc/DDS and PhD in immunology/biochemistry from the University of Alberta in Canada. Dr. Pringle is a Diplomate of the American Board of Oral and Maxillofacial Pathology and past president of the Canadian Academy of Oral Pathology. He also served on the Education Committee of the American Academy of Oral and Maxillofacial Pathology and chaired their Fellowship Committee.
CHRISTINE SEDGLEY, BDS, MDS, MDSC, FRACDS, MRACDS (ENDO), PHD
(Lecture topic: Microbiology)
Dr. Sedgley is Associate Professor and Chair of the Department of Endodontology at Oregon Health and Science University in Portland, Ore. She received her BDS, MDS, MDSc (Endo), FRACDS, and MRACDS (Endo) in Australia, a PhD in oral microbiology at the University of Hong Kong, and a certificate in endodontics from the University of Michigan. She also served as Assistant Professor at the University of Michigan. Her research interests include endodontic microbiology and root canal irrigation. Dr. Sedgley is an Associate Editor of the Journal of Endodontics and also serves on the AAE Regenerative Endodontics Committee.

MARTIN TROPE, BDS, DMD (Lecture topic: Root Resorption)
Dr. Trope is Clinical Professor of Endodontics and Graduate Program Director of Endodontics at Penn Dental Medicine. He received his BDS in South Africa and specialized in endodontics at Penn Dental Medicine. Dr. Trope has also served as Chair of Endodontontology at Temple University School of Dentistry and was JB Freedland Professor of Endodontics at the University of North Carolina School of Dentistry. He currently serves on the Editorial Board of Oral Surgery, Oral Medicine, Oral Pathology, and Endodontontology and on the Advisory Board of The Journal of Esthetic and Restorative Dentistry.

TUITION
$825 BY 9/3/10, $875 AFTER (DENTISTS AND ENDODONTISTS)
$395 BY 9/3/11, $450 AFTER (FULL-TIME FACULTY, ENDO GRADUATES WITHIN 3 YEARS, AND ACTIVE-DUTY MILITARY)
$250 BY 9/3/10, $350 AFTER (FULL-TIME RESIDENTS)

CANCELLATION/REFUND POLICY
Full tuition refunds (minus a $50 administrative fee) awarded for cancellations received by September 1, 2010. A 50% tuition refund awarded for cancellations received September 2 through September 17, 2010. No refunds issued after September 17, 2010.

LOCATION
THE SHERATON UNIVERSITY CITY HOTEL
3549 CHESTNUT STREET
PHILADELPHIA, PA 19104
Creating the Environment for Anterior Restorative Dentistry

SATURDAY, OCTOBER 23, 2010, 9 AM – 5 PM (7 LECTURE CREDIT HOURS)

This course, geared toward general dentists and dental specialists, will address the critical aspects of creating the esthetically and functionally successful anterior restoration. Challenges involved in restoring the anterior dentition will be discussed, including esthetic diagnosis and treatment planning of the anterior dentition. Clinical and laboratory techniques will also be discussed.

Creating the esthetic anterior restoration involves much more than the final restoration created in the laboratory; the environment the restoration is placed in is just as critical. To create this ideal environment, macro-esthetic and micro-esthetic issues must be considered.

THIS PRESENTATION WILL ADDRESS:

- Smile analysis and smile design.
- The ideal environment for the anterior restoration.
- Elevations, depressions, and rotations of teeth in esthetic dentistry.
- The management of the periodontal-restorative relationship.
- Contemporary esthetic crown lengthening.
- The role of occlusion in esthetic dentistry.
- Tooth-supported vs. implant-supported restorations.

THIS COURSE WILL ENABLE PARTICIPANTS TO:

- Understand the ideal environment for anterior restorative dentistry.
- Understand the principles and techniques that can be applied to everyday clinical situations, allowing for the creation of the esthetic anterior restoration.

FACULTY

ARNOLD S. WEISGOLD, DDS, FACD
Dr. Weisgold is Adjunct Professor of Periodontics at Penn Dental Medicine. He earned his DDS at Temple University School of Dentistry and received certificates in periodontics and fixed prosthodontics at the University of Pennsylvania. Dr. Weisgold was the first Coordinator of Occlusion at Temple University, where he developed a four-year program in the discipline, and established the Department of Form and Function of the Masticatory System at Penn. He has also served as Director of Postdoctoral Periodontal Prosthesis at Penn Dental Medicine and was the founding director of the School’s Implant Research Center.

ERNESTO A. LEE, DMD, DRCIRDENT
Dr. Lee is Clinical Professor of Periodontics and Director of the Postdoctoral Periodontal Prosthesis Program at Penn Dental Medicine. He is also Visiting Professor of the Advanced Esthetic Dentistry Program at New York University College of Dentistry. Dr. Lee has served as Director of the Dental Implantology Center at the Temple University School of Dentistry and runs a private practice limited to prosthodontics and implant dentistry in Bryn Mawr, Pa.
HOWARD P. FRAIMAN, DMD
Dr. Fraiman is Clinical Assistant Professor of Restorative Dentistry and Director of a Clinical Practice Unit at Penn Dental Medicine. He received his BA from Rensselaer Polytechnic Institute and holds a DMD from Penn Dental Medicine as well as certificates in periodontics and periodontal prosthesis.

TUITION
$360 (DENTISTS)
If applicable, one discount may be applied:
• Register by 10/1/10 and save $50 off full tuition
• Penn Dental Medicine Alumni: 25% discount
• Penn Dental Medicine Faculty: 50% discount
• Active Duty Military: 25% discount

LOCATION
THE ROBERT SCHATTNER CENTER
PENN DENTAL MEDICINE
240 SOUTH 40TH STREET
PHILADELPHIA, PA 19104

The World of Oral Medicine
PRESENTED BY: THE UNIVERSITY OF PENNSYLVANIA SCHOOL OF DENTAL MEDICINE DEPARTMENT OF ORAL MEDICINE AND THE AMERICAN ACADEMY OF ORAL MEDICINE
SATURDAY, OCTOBER 30, 2010, 9 AM – 5 PM (7 LECTURE CREDIT HOURS)

Appropriate for general dentists, specialists, and hygienists, this program features the following seven presentations by Penn Dental Medicine faculty and members of the American Academy of Oral Medicine.

Early Detection of Oral Cancer and Use of Adjunctive Techniques, presented by A. Ross Kerr, DDS
Learn how to assess your patients for oral cancer, including collecting a history, performing an examination, encountering abnormal findings, and choosing an appropriate diagnostic pathway. Participants will learn to: perform a comprehensive oral cancer risk factor assessment and examination; understand the indications for current examination adjunctive techniques available in the marketplace; recognize the features of oral cancer and potentially malignant oral lesions; understand how to choose an appropriate diagnostic pathway; and determine when to refer to a specialist.

Evidence-Based Analgesic Efficacy in Post-Surgical Dental Pain, presented by Elliot Hersh, DMD, MS, PhD
This presentation will review the biochemical and physiological mechanisms behind post-surgical dental pain and discuss various double-blind randomized controlled trials on the efficacy of various analgesic agents following the surgical removal of impacted third molar teeth. The final portion of this discussion will focus on meta-analysis data, analyzing the numbers needed to treat to obtain one additional patient beyond placebo with 50% maximum pain relief (50% max TOTPAR) for various analgesics in both dental pain and other post-surgical pain models. An updated flexible analgesic paradigm of what to prescribe in patients with mild, moderate, and severe dental post-surgical pain

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will be presented. This course will enable the participants to: discuss the utility of the oral surgery pain model; list various peripheral chemical mediators that contribute to post-surgical dental pain; compare the analgesic efficacy of NSAIDs to single-entity oral opioids; describe the rationale for combining opioid with non-opioid analgesic agents; and compare the short-term side effect profile of NSAIDs versus opioids.

**Update on Antibiotic Prophylaxis for Patients felt to be at Risk for Endocarditis or Prosthetic Joint Infections, presented by Peter Lockhart, DDS**

This presentation will be an overview of the rationale for and against the use of secondary antibiotic prophylaxis for patients felt to be at risk for infective endocarditis and those with prosthetic joint infections. Newer scientific data will be discussed along with the latest information from the organizations that produce prophylaxis guidelines for these patient populations. This presentation will cover current and important scientific information concerning this topic along with ongoing efforts on the part of professional organizations that create the guidelines for these patient populations.

**Cone Beam CT Imaging in Oral Medicine, presented by Arthur Kuperstein, DDS**

This presentation features a review of the current and emerging cone beam CT imaging modalities as they relate to the practice of oral medicine. The discussion will include small, medium, and large field imagery and their indications and application to selected oral medicine cases. The course aims to increase awareness and understanding of CBCT technology, radiation physics, patient exposure, case selection, image format/field selection, and interpretation.

**Fifteen Inches from Cancer: The Dental Team and Evaluation of Facial Lesions, presented by Mark Jay Kutcher, DDS, MS**

Dentists and their teams are excellent resources for evaluating and referring patients with worrisome facial lesions. This presentation will discuss benign, premalignant, and malignant lesions of the face, with attention given to sun damage. Referral concepts will also be discussed. Numerous pictures demonstrating key presenting features will be included in the lecture. Participants of this presentation will be able to: understand the importance of the early detection of worrisome facial lesions; know how your dental team can contribute to the discovery and referral of facial lesions; become familiar with the etiologies, presenting signs, symptoms, and concerns of the various benign and malignant facial lesions; and be comfortable in making an appropriate referral for patients with undiagnosed facial lesions.

**Bisphosphonate-Related Osteonecrosis of the Jaw: Clinical and Pathophysiological Known and Unknowns, presented by Sunday O. Akintoye, BDS, DDS, MS**

This lecture will highlight evidence-based cellular and molecular issues associated with diagnosis and clinical management of osteonecrosis. Bisphosphonates can effectively control osteoporosis and osteolytic lesions of cancer metastasis. However, bisphosphonate-associated jaw osteonecrosis (BONJ) is a major complication that negatively impacts treatment outcomes and quality of life. It is unclear whether the jawbone is more sensitive to bisphosphonate relative to other skeletal sites. Also, jaw-specific pathophysiological mechanisms associated with BONJ are yet to be fully elucidated, making it challenging to develop targeted therapies.

**Update on Bleeding Disorders, presented by Michael A. Huber, DDS**

An estimated 5% of the population has a possible bleeding problem. The purpose of this presentation is to provide an update on management of patients with either an inherited or acquired bleeding disorder. Participants will be able to understand: the physiologic basis for bleeding disorders; how to identify a patient potentially at risk for bleeding; and the appropriate protocols to safely provide dental care to bleeding-risk patients.
FACULTY

COURSE DIRECTOR: THOMAS P. SOLLECITO, DMD
CHAIR AND PROFESSOR OF ORAL MEDICINE, PENN DENTAL MEDICINE

A. ROSS KERR, DDS
Dr. Kerr is Clinical Associate Professor of Oral Maxillofacial Pathology, Radiology and Medicine, and Director of the Oral Mucosal Disease Service at New York University College of Dentistry. He holds a DDS from McGill University and a MSD and specialty training in oral medicine from the University of Washington. He is actively engaged in ongoing research in the areas of oral cancer and premalignant disorders, oral mucosal diseases, xerostomia, and tobacco cessation.

ELLIOT HERSH, DMD, MS, PHD
Dr. Hersh is Professor, Department of Oral Surgery/Pharmacology, and Director of the Division of Pharmacology and Therapeutics at Penn Dental Medicine. He is also Chairman of the IRB-3 Committee on Studies Involving Human Beings at the University of Pennsylvania Office of Regulatory Affairs and a 2007 recipient of the IADR Distinguished Scientist Award in Pharmacology, Therapeutic, and Toxicology.

PETER LOCKHART, DDS
Dr. Lockhart is Chair of the Department of Oral Medicine at Carolinas Medical Center, Charlotte, N.C. He has a variety of clinical and research interests in oral medicine, particularly the dental management of medically compromised patients. Dr. Lockhart has authored over 90 textbook chapters and peer-reviewed journal articles, and is the editor of the textbook, Dental Care for the Medically Complex Patient. He is also on the Bacterial Endocarditis Writing Committee for the American Heart Association.

ARTHUR KUPERSTEIN, DDS
Dr. Kuperstein is Assistant Professor of Oral Medicine at Penn Dental Medicine and directs the Oral Diagnosis, Emergency Care and Oral and Maxillofacial Radiology Clinics there as well. He is also a course director and lectures in three didactic radiology and four clinical courses. Dr. Kuperstein’s areas of interest include investigation of radiographic markers for osteoporosis, osteonecrosis, and peripheral atherosclerosis.

MARK KUTCHER, DDS, MS
Dr. Kutchner is Associate Professor of Oral Medicine in the Department of Diagnostic Sciences and General Dentistry at the University of North Carolina School of Dentistry. He is also an Adjunct Associate Professor in the Departments of Dermatology and ENT Head and Neck Surgery in the School of Medicine at the University. A Diplomate of the American Academy of Oral Medicine, Dr. Kutchner’s primary teaching responsibilities are in the arena of oral medicine and internal medicine for dentists.

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SUNDAY O. AKINTOYE, BDS, DDS, MS
Dr. Akintoye is Assistant Professor, Department of Oral Medicine, Penn Dental Medicine. He teaches in the Oral Diagnosis and Admissions Clinic and in Penn’s Graduate Dental Education programs. His current research is focused on orofacial bone marrow stromal stem cells, site-specific characteristics, and therapeutic application in tissue regeneration. Dr. Akintoye is a recipient of the Lester William Burket Research Award for Oral Medicine residents, conferred by the American Academy of Oral Medicine, and the Joseph and Josephine Rabinowitz Award for Research Excellence at Penn Dental Medicine.

MICHAELL HUBER, DDS
Dr. Huber is an Associate Professor and Head of the Division of Oral Medicine, Department of Dental Diagnostic Science, at the University of Texas Health Science Center at San Antonio Dental School. He also serves as Treasurer for the American Academy of Oral Medicine. Dr. Huber holds a DDS from the University of Texas Health Science Center at San Antonio and a certificate in oral medicine from the National Naval Dental Center in Bethesda, Md. He is certified by the American Board of Oral Medicine.

TUITION
$360 (DENTISTS) $200 (AUXILIARIES)
If applicable, one of the following discounts may be applied:
• Register by October 8, 2010 and save $50 off full tuition
• Penn Dental Medicine Alumni: 25% discount
• Penn Dental Medicine Faculty: 50% discount
• Active Duty Military: 25% discount

LOCATION
THE ROBERT SCHATTNER CENTER
PENN DENTAL MEDICINE
240 SOUTH 40TH STREET
PHILADELPHIA, PA 19104

HOTEL
For accommodations at Sheraton University City Hotel, visit www.starwoodmeeting.com/Book/AAOMConference or call 888-627-7071; reference the Penn Dental Medicine “The World of Oral Medicine” for group rate ($159 plus tax till September 30, 2010, based on availability).

ARE YOU A PRACTITIONER IN PENNSYLVANIA?
If so, remember that the biennial license renewal period for Pennsylvania practitioners ends on March 31, 2011. By then, the following continuing education requirements must be met:

30 CREDIT HOURS FOR DENTISTS
20 CREDIT HOURS FOR DENTAL HYGIENISTS
Nitrous Oxide/Oxygen Analgesia Certification

(LIMITED TO 24 – REGISTER EARLY – 14 TOTAL CREDIT HOURS)
FRIDAY, NOVEMBER 5, 2010, 6 PM – 9 PM (3 LECTURE CREDIT HOURS);
SATURDAY, NOVEMBER 6, 2010, 9 AM – 5 PM
(4 LECTURE CREDIT HOURS AND 3 HANDS-ON PARTICIPATION HOURS);
DATE AND TIME TBD (4 HANDS-ON PARTICIPATION HOURS)*

This course is designed to provide didactic and clinical instruction in nitrous oxide/oxygen analgesia in accordance with American Dental Association guidelines. Upon completion of this course, the participant will be eligible for an Anesthesia Restricted Permit II from the Pennsylvania State Board of Dentistry. Participants will have the opportunity to administer (to each other and patients) and undergo nitrous oxide sedation under close supervision. The course is geared toward general dentists and dental specialists.

COURSE OBJECTIVES:
• Define and describe physiological and psychological aspects of anxiety.
• Describe the stages of consciousness and the levels of sedation.
• Review respiratory and circulatory physiology and related anatomy.
• Discuss the pharmacology of nitrous oxide.
• Discuss the advantages/disadvantages and indications/contraindications of nitrous oxide/oxygen analgesia.
• Perform patient evaluation, selection, and preparation for nitrous oxide/oxygen analgesia.
• Describe and discuss the function the basic components of nitrous oxide/oxygen delivery and scavenging systems.
• Administer nitrous oxide/oxygen analgesia to patients in a clinical setting in a safe and effective manner.
• Monitor patients undergoing nitrous oxide/oxygen analgesia and document the procedure.
• Discuss the complications associated with nitrous oxide/oxygen analgesia and the prevention, recognition, and management of medical emergencies.
• Discuss potential occupational health hazards and abuse potential.

THIS COURSE WILL ENABLE PARTICIPANTS TO:
• Achieve competency in the administration of nitrous oxide/oxygen analgesia.
• Be eligible for an Anesthesia Restricted Permit II from the Pennsylvania State Board of Dentistry.

Please note: Presentation of BLS certification and PA dental license are required. Participants cannot be pregnant. If you have any medical conditions that may be worsened by receiving nitrous oxide, consult your physician before registering for this class. Prior to the course, participants must fax a certificate of liability insurance to the attention of the Office of Continuing Education at 215-746-7617.

*The last four hands-on credit hours will be scheduled during clinic hours at a mutually agreeable time by the lecturer and the participant within two months of the course.

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HELEN GIANNAKOPOULOS, DDS, MD
Dr. Giannakopoulos is Assistant Professor of Oral and Maxillofacial Surgery at Penn Dental Medicine and an Attending of the Department of Maxillofacial Surgery at the Hospital of the University of Pennsylvania and Children’s Hospital of Philadelphia. Dr. Giannakopoulos is also the course director for Anesthesia, Pain, and Medical Emergencies at Penn Dental Medicine. She holds a DDS from the University of Illinois College of Dentistry; a MD from the Medical College of Pennsylvania, Hahnemann University; and completed postgraduate training in oral and maxillofacial surgery at Penn Dental Medicine.

LEE CARRASCO, DDS, MD
Dr. Carrasco is Assistant Professor of Oral and Maxillofacial Surgery at Penn Dental Medicine. He received his MD from the University of Miami and earned his DDS from the University of Detroit Mercy School of Dentistry. His areas of research expertise are in facial trauma and condylar position.

TUITION
$800 (DENTISTS)
If applicable, one discount may be applied:
- Register by 10/8/10 and save $50 off full tuition
- Penn Dental Medicine Alumni: 25% discount
- Penn Dental Medicine Faculty: 25% discount
- Active Duty Military: 25% discount

LOCATION
THE ROBERT SCHATTNER CENTER
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DEVELOPING CDE TO MEET YOUR PROFESSIONAL GOALS
At Penn Dental Medicine, we want to ensure our continuing education program is meeting your professional needs and goals. We encourage you to share your course feedback and program ideas:

- VISIT WWW.DENTAL.UPENN.EDU/CDE and complete our CDE survey (where you can also sign up for CDE course updates).
- EMAIL sdm-cde@dental.upenn.edu
- CALL toll free to 866-PENNcde (866-736-6233)
Oral Appliances & Hypomandibular Surgery in Treating Snoring and Obstructive Sleep Apnea

SATURDAY, NOVEMBER 20, 2010, 9 AM – 1:15 PM (4 LECTURE CREDIT HOURS)

Patients with primary snoring and/or obstructive sleep apnea frequently fail to respond to or are not appropriate candidates for behavior measures such as weight loss or change in sleep position. Frequently, those individuals also cannot tolerate or refuse treatment with nasal CPAP. Therefore, many types of oral appliances have been used successfully to move the base of the tongue forward in order to enlarge the upper airway. Despite considerable variation of the design of these appliances, the positive clinical effects have been remarkably consistent.

The American Sleep Disorders Association review in 1995 concluded that, in patients studied, the mean apnea/hypopnea index (AHI) was reduced from 47 to 19, with approximately half of the patients treated, achieving an AHI of less than 10. Overall, compliance seemed significantly higher than nasal CPAP. As a result, they produced practice parameters for the treatment of snoring and obstructive sleep apnea with oral appliances. These parameters were revised by the American Academy of Sleep Medicine in 2006, and will be reviewed.

For those treating obstructive sleep apnea and upper airway resistance syndrome, oral appliances offer a reasonable non-surgical approach and/or pre-surgical evaluation tool for a variety of patients. Oral and maxillofacial surgeons working in conjunction with other sleep specialists are uniquely trained to offer this service. This course, which is geared toward general dentists, dental specialists, and dental hygienists, will provide a general overview of the spectrum of sleep-disordered breathing as well as the many nonsurgical and surgical treatment options available. Outcome data from several hundred patients treated at the University of Pennsylvania with oral appliances and/or upper airway surgery will be presented.

This course will enable participants to:

- Identify the underlying pathogenesis, diagnosis, and management of patients with obstructive sleep apnea.
- Explain the rationale and technique for oral appliance therapy in the treatment of mild to moderate/severe sleep apnea and snoring.
- Discuss controversies and indications for patients who require surgical upper airway reconstruction, i.e., UPPP, genioglossus advancement and combined procedures.
Optimizing Geriatric Oral Health Care

FRIDAY, DECEMBER 10, 2010, 9 AM – 4:30 PM (6 LECTURE CREDIT HOURS)

This program, appropriate for general dentists and specialists as well as hygienists, features four presentations addressing the oral health care needs of the growing geriatric population.

Meeting the Oral Medicine Needs of the Growing Geriatric Population, presented by Thomas Sollecito, DMD

Oral health is particularly important in the geriatric population. Although age alone does not play a significant role in impaired oral health, systemic disease and their treatments often do play a critical role in the oral health of geriatric patients; likewise, oral health plays a significant role in their systemic health. This presentation will explore the role of the dentist in the diagnosis and management of oral disease in the geriatric population.

Keep Seniors Smiling - Modern Prosthodontics for the Mature Patient, presented by Markus Blatz, DMD, PHD

The need for prosthodontic treatment is rapidly increasing with our aging population. With the availability of dental implants, new ceramics, and CAD/CAM technologies, functional and esthetic success of prosthodontic rehabilitations are more predictable and easier to achieve than ever before. This presentation will provide an update on current prosthodontic concepts, materials, and techniques for the mature patient and discuss strategies for success.
Geriatric Pharmacology, presented by Elliot Hersh, DMD, MS, PHD
The geriatric dental patient often presents a challenge to the practicing dentist. In addition to requiring complex treatment plans, the older patient often has a variety of medical problems requiring the intake of multiple drugs. Side effects and adverse drug interactions often become the norm in these patients. This presentation will focus on the physiologic changes that affect drug response in older individuals and highlight some important drug interactions that are of relevance to the busy clinician.

Periodontal and Implant Treatment Concerns in Geriatric Dentistry, presented by Joseph Fiorellini, DMD, DMSc
Over the past several years, periodontal and implant dentistry therapy have become an important part of everyday clinical practice. This presentation will address the concerns related to this therapy among the geriatric population, including the interplay between systemic disease and dental treatments.

THIS COURSE WILL ENABLE PARTICIPANTS TO:
• Understand some of the complexities in treating the geriatric population.
• Understand some of the specific oral changes seen in the geriatric population.
• Understand and treat some of the more common oral pathology seen in the geriatric population.
• Discuss new materials and technologies available for prosthodontic treatment.
• Identify and select appropriate treatment protocols and materials for long-term clinical success.
• Identify the most important physiological changes in geriatric patients that lead to adverse drug reactions.
• Discuss clinically important adverse drug interactions with vasoconstrictors employed in local anesthetic solutions.
• Identify drug groups where changes in receptor sensitivity occur as we age.
• Understand the clinical importance of drugs that are substrates, inhibitors, and inducers of various cytochrome P-450 isoforms.
• Become familiar with the periodontal and implant treatment concerns and treatment recommendations for the geriatric patient.

FACULTY

THOMAS SOLLECITO, DMD
Dr. Sollecito is Professor of Oral Medicine and Chair of the Department of Oral Medicine at Penn Dental Medicine; an attending in oral medicine at the Hospital of the University of Pennsylvania; and a University Associate at the Children’s Hospital of Philadelphia. Formerly, he also served as Director of the Oral Medicine Residency Program and as Interim Dean at Penn Dental Medicine. A Fellow in Hospital Dentistry and a Diplomate in Special Care Dentistry and in Oral Medicine, Dr. Sollecito is President of the American Academy of Oral Medicine and a member of OKU. He earned his DMD degree at Penn Dental Medicine and completed his oral medicine residency there as well.

MARKUS BLATZ, DMD, PHD
Dr. Blatz is Professor of Restorative Dentistry and Chair of the Department of Preventive and Restorative Sciences at Penn Dental Medicine. Dr. Blatz is internationally known for his clinical research expertise in implantology, CAD/CAM technology, and the use of ceramic materials in restorative dentistry.

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ELLIOT V. HERSH, DMD, MS, PhD
Dr. Hersh is Professor, Department of Oral Surgery/Pharmacology, and Director of the Division of Pharmacology and Therapeutics at Penn Dental Medicine. He is also Chairman of the IRB-3 Committee on Studies Involving Human Beings at the University of Pennsylvania Office of Regulatory Affairs and a 2007 recipient of the IADR Distinguished Scientist Award in Pharmacology, Therapeutic, and Toxicology.

JOSEPH FIORELLINI, DMD, DMSc
Dr. Fiorellini is Professor and Chair of the Department of Periodontics at Penn Dental Medicine. He received his DMD, DMSc in Oral Biology, and certificate in periodontology from Harvard School of Dental Medicine. Dr. Fiorellini’s areas of research include the relationship of genetics and periodontal disease and studies related to periodontal regeneration and implantology.

TUITION
$80 (DELTA DENTAL OF PA DENTISTS ONLY) PA license # required for discount; not applicable to other staff members and no other discounts apply
$360 (NON-DELTA DENTAL OF PA DENTISTS)
$300 (NON-DELTA DENTAL OF PA AUXILIARIES)
If applicable, one discount may be applied for those paying full tuition:
• Register by 11/19/10 and save $50 off full tuition
• Penn Dental Medicine Alumni: 25% discount
• Penn Dental Medicine Employees: 50% discount
• Active Duty Military: 25% discount

LOCATION
RADISSON PLAZA - WARWICK HOTEL
PHILADELPHIA
1701 LOCUST STREET
PHILADELPHIA, PA 19103
(GPS address: 220 South 17th Street)
For accommodations, call 215-735-6000; reference Penn Dental Medicine for group rate ($149 plus tax, based on availability)

ARE YOU A PRACTITIONER IN PENNSYLVANIA?
If so, remember that the biennial license renewal period for Pennsylvania practitioners ends on March 31, 2011. By then, the following continuing education requirements must be met:

30 CREDIT HOURS FOR DENTISTS
20 CREDIT HOURS FOR DENTAL HYGIENISTS
Decrease Your Stress & Increase Your Focus on Patients to Reduce Medical Errors

SATURDAY, JANUARY 8, 2011, 9 AM – 1:15 PM (4 LECTURE CREDIT HOURS)

Dentists must wash their hands between seeing each patient, and it is just as important that they cleanse their emotions between patients as well. This program will give you the tools necessary to physically change your state of mind and give you the ability to feel refreshed between patients. These techniques are also effective in combating patient depression and anxiety. This course is geared toward general dentists, dental specialists, and dental hygienists.

THIS COURSE WILL ENABLE PARTICIPANTS TO:
• Learn five stress reduction techniques for dentists and their patients.
• Change from a state of depression/anxiety to happiness/hope/productivity and teach their patients these techniques.
• Learn five sleep techniques.
• Incorporate four memory techniques into their practice and education.

FACULTY

JOEL WEINTRAUB, BS, MED
Weintraub is a “humorous educator” who has managed to merge the formerly disparate worlds of comedy and educational information. By combining his professional comedy experience with his masters degree in physiology and his bachelor’s in health education from Temple University, Weintraub has entertained and educated diverse audiences from dentists, hygienists, dental assistants, and physicians to accountants and attorneys. They have all laughed and learned with humor.

TUITION
$200 (DENTISTS) $100 (AUXILIARIES)
If applicable, one discount may be applied:
• Register by 12/10/10 and save $25 off full tuition
• Penn Dental Medicine Alumni: 25% discount
• Penn Dental Medicine Faculty: 50% discount
• Active Duty Military: 25% discount

LOCATION
THE ROBERT SCHATTNER CENTER
PENN DENTAL MEDICINE
240 SOUTH 40TH STREET
PHILADELPHIA, PA 19104
Implant Overdenture Therapies

(LIMITED TO 30 – REGISTER EARLY) SATURDAY, JANUARY 22, 2011, 9 AM – 5 PM
(4 LECTURE CREDIT HOURS AND 3 HANDS-ON PARTICIPATION HOURS)

Designed for general dentists and specialists alike, this seminar will provide practical information on how to successfully incorporate removable prosthetics into your practice with an emphasis on implant overdenture treatment. The course will feature a series of presentations, including:

A Simplified Approach to Implant Overdenture Treatment of the Edentulous Mandible. Implant retrained overdentures are one of the most cost-effective and appreciated prosthetic treatment modalities. This lecture will address the rationale for their use and highlight how to effectively select and utilize attachments in treating the edentulous patient. Important aspects that can reduce the post-insertion costs and maintenance will be covered, including the position and the number of implants (knowing when not to do a two-implant overdenture), the type of attachments (ball versus locator), and occlusal concepts that contribute to stabilizing the opposing maxillary complete denture.

Implant Diagnosis, Treatment Planning, and Surgical Placement for the Edentulous Patient. Careful diagnosis and treatment planning are critical to implant success from a clinical as well as a patient perspective. Case studies will demonstrate step-by-step protocols for planning implant positioning and determining the requirements for a retentive or supportive system. There also will be a discussion on the economics of implant treatment for the edentulous patient as well as the opportunity cost of poor planning.

Hands-on Lab. The course will provide the opportunity for hands-on work to explore the scope of treatment planning and prosthesis fabrication involved in implants for patients with an edentulous mandible.

PARTICIPANTS WILL COMPLETE THREE EXERCISES, LEARNING TO:
• Treatment plan implant selection and placement with radiographs and diagnostic casts.
• Make a final impression for an implant-retained overdenture using the Locator Attachment.
• Retrofit an existing lower denture to implant attachments using a reline or rebase impression and direct-pickup techniques.

THIS COURSE WILL ENABLE PARTICIPANTS TO:
• Understand how the use of attachments aid in improving the retention of the mandibular implant overdenture.
• Understand the surgical protocol in treatment planning.
• Understand how to use the locator attachments step-by-step.
FACULTY

VICKI C. PETROPOULOS, DMD, MS
Dr. Petropoulos is Associate Professor, Department of Preventive and Restorative Sciences, at Penn Dental Medicine. Her primary research focuses on the biomechanics of implant-supported soft-tissue-retained overdenture attachments and immediate loading of implants. Her research has been published in the International Journal of Oral and Maxillofacial Implants, Journal of Prosthodontics, and Implant Dentistry. A 2003 recipient of the Charles E. English Award in Clinical Science and Techniques from the International Congress of Oral Implantology, Dr. Petropoulos is a practicing prosthodontist in the Penn Dental Care Network of Penn Dental Medicine.

ARNOLD ROSEN, DDS, MBA
Dr. Rosen completed his training in prosthodontics and maxillofacial prosthetics at Boston University School of Graduate Dentistry and Sloan Kettering Memorial Cancer Institute. He also holds an MBA from Boston University School of Business Administration, serving as Director of Hospital Dentistry at New England Medical Center Hospital, Director of the Dental Implant Center at Tufts University School of Dental Medicine, and founder of the Tufts Dental Implant Fellowship Program. Dr. Rosen has also worked in telemedicine and teledental technologies for several years.

TUITION
$360 (DENTISTS)
If applicable, one discount may be applied:
• Register by 01/04/11 and save $25 off full tuition
• Penn Dental Medicine Alumni: 25% discount
• Penn Dental Medicine Faculty: 25% discount
• Active Duty Military: 25% discount

LOCATION
THE ROBERT SCHATTNER CENTER
PENN DENTAL MEDICINE
240 SOUTH 40TH STREET
PHILADELPHIA, PA 19104
Continuing Dental Education Registration Form

Please photocopy this form for additional attendees.

Name___________________________________________________________________________

(Check all that apply)  ☐ DMD  ☐ DDS  ☐ RDH  ☐ Other__________
☐ Penn Dental Medicine Alumni (year)_______  ☐ Penn Dental Medicine Employee

Address_________________________________________________________________________

City_________________________________________________State________Zip_____________

Office Telephone______________________________________Fax_________________________

E-mail___________________________________________________________________________

PA Dental License # (required for 12/10/2010 course)___________________________________

Course Title______________________________________________________________________
Date____________________________Time___________________Tuition___________________

Course Title______________________________________________________________________
Date____________________________Time___________________Tuition___________________

Course Title______________________________________________________________________
Date____________________________Time___________________Tuition___________________

Course Title: Bender, Seltzer & Grossman Academic Review of Endodontology (check if applicable)
☐ Faculty (affiliation, title)
☐ Endo grad within 3 years (year of graduation)
☒ Resident ☐ Active Military Duty

Tuition________________________

Tuition Total_____________________

For Office Use: DB:______ /______ /______  Conf:______ /______ /______

PAYMENT INFORMATION
Registration must include payment in full. To register:
MAIL registration form and payment to: Robert Schattner Center, University of Pennsylvania School of Dental Medicine, Continuing Dental Education, 240 S. 40th Street, Philadelphia, PA 19104-6030. Checks payable to Trustees of the University of Pennsylvania.

Credit Card (check one)  ☐ VISA  ☐ MasterCard  ☐ AmEx  ☐ Discover

Card Holder Name (please print)___________________________________________________________________________

Signature (required)_____________________________________________________________________________________

Account Number__________________________________Expiration Date_____________________

FAX registration form with credit card information to 215-746-7617.

CALL TOLL FREE, 1-866-PENNCDE (1-866-736-6233).

VISIT www.dental.upenn.edu/cde

If you require any special accommodations that we should be aware of please call the office at 1-866-736-6233.
General Information

**REFUND POLICY.** Written refund requests (minus a $50 administration fee or 20%, whichever is less) will be honored if received by four working days prior to a given course. Penn Dental Medicine is not responsible for the refund of any part of the tuition as a result of emergencies, unforeseen circumstances, events beyond its control, or no-shows.

*Bender, Seltzer & Grossman Academic Review of Endodontology Cancellation/Refund Policy:* Full tuition refunds (minus a $50 administrative fee) awarded for cancellations received by September 1, 2010. A 50% tuition refund awarded for cancellations received September 2 through September 17, 2010. No refunds issued after September 17, 2010.

**COURSE CREDIT.** Continuing education credits may not apply toward license renewal in all states. It is the responsibility of each participant to verify the requirements of his/her state licensing board. Please check with your state licensing board to ensure that a particular course will meet your continuing education requirements. Most formal CDE courses will include on-site credit award slips.

**DISCLAIMER.** The continuing dental education courses offered through Penn Dental Medicine do not necessarily represent the philosophy of the School and sponsorship of these courses does not imply subject matter, product, or technique endorsement. Penn Dental Medicine reserves the right to cancel or postpone any courses, modify the announced course content, limit enrollment, or change the location, time, date, or speakers due to unforeseen circumstances. In the event that Penn Dental Medicine cancels a program, the registrant will receive a refund or credit toward another continuing education course.

**WEATHER EMERGENCIES.** In the case of inclement weather, call toll free 866-PENNCDE (866-736-6233) for cancellation or postponement announcements on the morning of the course.

**DEVELOPING CDE TO MEET YOUR PROFESSIONAL GOALS**

At Penn Dental Medicine, we want to ensure our continuing education program is meeting your professional needs and goals. We encourage you to share your course feedback and program ideas:

- VISIT WWW.DENTAL.UPENN.EDU/CDE and complete our CDE survey (where you can also sign up for CDE course updates).
- EMAIL sdm-cde@dental.upenn.edu
- CALL toll free to 866-PENNCDE (866-736-6233)

**ADA CERP**

Penn Dental Medicine is an ADA CERP Recognized Provider. 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. Penn Dental Medicine designates this activity for the number of continuing education credits listed with each course description.
Fall 2010 / Winter 2011 CDE Program

BENDER, SEITZER, & GROSSMAN
ACADEMIC REVIEW OF ENDODONTOLGY
Friday, October 1, 2010, 8:45 am – 6 pm
Saturday, October 2, 8:45 am – 4:15 pm
Sunday, October 3, 8:45 am – 12:45 pm
17 lecture credit hours

CREATING THE ENVIRONMENT FOR ANTERIOR RESTORATIVE DENTISTRY
Friday, October 22, 2010
9 am – 5 pm
7 lecture credit hours

THE WORLD OF ORAL MEDICINE
Saturday, October 30, 2010
9 am – 5 pm
7 lecture credit hours

DECREASE YOUR STRESS & INCREASE YOUR FOCUS ON PATIENTS TO REDUCE MEDICAL ERRORS
Saturday, January 8, 2011
9 am – 1:15 pm
4 lecture credit hours

OPTIMIZING GERIATRIC ORAL HEALTHCARE
Friday, December 10, 2010
9 am – 4:30 pm
lecture credit hours

NITROUS OXIDE/OXYGEN ANALGESIA (CERTIFICATION)
LIMITED TO 24, REGISTER EARLY
Friday, November 5, 2010
6 pm – 9 pm
3 lecture credit hours

IMPLANT OVERDENTURE THERAPIES (LIMITED TO 30, REGISTER EARLY)
Saturday, January 22, 2011
9 am – 5 pm
4 lecture credit hours and
3 hands-on participation hours

See full course descriptions inside!
Visit WWW.dental.upenn.edu/cde for more information or call 866-PENNCDE (866-736-6233).