

GENERAL INFORMATION

COURSE TUITION: CDM alumni and dental hygienists receive a \$15 discount on the listed tuition. Tuition for faculty and staff is 50% off the listed fee. Alumni graduating between 2001 and 2006 receive a \$25 discount on the listed tuition. Retired alumni not needing CE credit may audit the courses at no charge.

REGISTRATION: Payment can be made by check or credit card. Please make checks payable to "Columbia University."

CE Office Phone: 212-342-2964

Fax: 212-342-5179

Email: mfm2114@columbia.edu

Mail: Melissa Welsh, Columbia University College of Dental Medicine CE Office, 630 West 168th Street, New York, NY 10032

COURSE LOCATION: Courses are held either at the Columbia University Medical Center or at the Columbia University Club, located at 15 West 43rd Street. Room location and parking information will be provided in a letter of confirmation sent upon receipt of course registration.

REFUNDS: Refunds are granted only if notification is received at least 7 days prior to the course.

COURSE STRUCTURE & REQUIREMENTS: Courses are lecture format and are open to specialists, generalists and dental hygienists. The CPR course requires prior CPR certification.

COURSE CREDIT: Columbia University College of Dental Medicine is an American Dental Association Continuing Education Recognition Program (ADA CERP) recognized provider #0027, Academy of General Dentistry (AGD) approved national sponsor 11/05-12/2009, and a Dental Board of California registered provider #3954.

Please contact your local licensing authority for CE credit hour guidelines and regulations.

SCHOOL POLICY: Sponsorship of a course by the Columbia University College of Dental Medicine does not necessarily reflect the philosophy of the College or endorsement of a procedure or product. We reserve the right to modify course content or faculty or cancel a course as deemed necessary.

ON-LINE COURSES: The College of Dental Medicine offers several convenient and low-cost on-line courses, developed in association with ArcMesa Educators, such as Infection Control, Tobacco Cessation and HIPAA Privacy Standard. They are available at www.arcmesa.com/columbia and on CD Rom. For further information on on-line courses, contact ArcMesa customer service at 1-800-597-6372.

SELF-STUDY COURSES: Self-study courses are offered through a program with Dentistry Today Magazine. Three CE credits can be earned each month at \$20 per credit. For more information contact Dentistry Today at 973-882-4700.

The Office of Continuing Medical Education at the College of Physicians and Surgeons offers many CME courses that may be of interest to the dental professional. A complete listing of their activities can be viewed at www.ColumbiaCME.org or call the CME Office at 212-305-3334.

Continuing Education Course Offerings

Fall/Winter 2006-2007

Course 1: Wednesday, September 20 9 a.m. to 12 p.m.

IMPLANT DENTISTRY

Location: Columbia University Medical Center

Credit Hours: 3 Tuition: \$135

Speaker:

George Shelby White, DDS, FACP, Associate Professor of Clinical Dentistry, Director, Division of Prosthodontics

Course Description:

Implant dentistry has joined the mainstream of viable options used in addressing the restorative needs of our patients. We now have substantial data to make evidence-based treatment decisions. Implant dentistry is employed in many situations, but there are still areas of confusion and uncertainty. This seminar will discuss current implant treatment modalities, treatment planning strategies, and current treatment procedures. A variety of implant systems will be reviewed, and implant selection and case design will be discussed.

Topics covered will include:

- Impression making (implant components)
- Commercial laboratories
- Establishing fees/coding
- Choosing tooth vs. implant
- Cement vs. screw retained prosthetics
- Biomechanics and implant occlusion
- Immediate loading
- Staging implants
- Computer assisted prosthodontics

Course Objectives:

- To learn prosthodontic planning and case control
- To become familiar with current treatment planning strategies
- To understand standards of care using an evidence-based approach
- To learn to avoid prosthodontic complications

Course 2: Friday, October 6

8:00 a.m. to 11:00 a.m.

AESTHETIC PLURALISM... STEPPING OUT OF THE BOX AND TAKING VENEERS TO THE NEXT LEVEL

Location: The Columbia University Club, 15 West 43rd Street, New York, NY

Credit Hours: 3 *Tuition:* \$135

Speakers:

Gregg Lituchy, DDS, Private Practice in Cosmetic Dentistry, New York, NY

Marc Lowenberg, DDS, Private Practice in Cosmetic Dentistry, New York, NY

Course Description:

This course will review the techniques and protocols for complex cases. Diagnosis, case selection and treatment sequencing will be discussed. You will learn about smile design and how it affects tooth preparation and function. The course will review diagnostic wax-up and temporization, material selection for veneers, and smile design mock-up. Drs. Lowenberg and Lituchy will also discuss how they have developed their celebrity driven cosmetic practice in New York City, including marketing strategies and public relations.

Course Objectives:

- To become familiar with utilizing veneers to treat complex aesthetic cases
- To understand the communication strategies among dentist, patient and laboratory
- To understand the periodontal-aesthetic connection
- To learn how to market to the high profile aesthetic patient
- To use public relations to position your office effectively

Course 3: Wednesday, October 18

8:30 a.m. to 3:30 p.m.

This course is co-sponsored by Osetohealth

CLINICAL APPLICATIONS OF TISSUE ENGINEERING IN DENTAL SURGERY

Location: New York Marriott East Side, 525 Lexington Avenue, New York, NY
Credit Hours: 6 Tuition: \$325 Alumni: \$250 Faculty: \$150

Recombinant Platelet-Derived Growth Factor: Clinical Applications and Biology

Speaker:

Samuel Lynch, DMD, DMSc, Founder, President and Chief Executive Officer, BioMimetic Therapeutics, Inc.

This presentation will briefly summarize the biology, preclinical data and previous medical use of purified recombinant human platelet-derived growth factor (rhPDGF), one of the most important tissue growth factors. It will review the human histological evidence of periodontal regeneration using rhPDGF. The design and results of a large, multi-center, randomized, controlled human pivotal clinical trial will be discussed. An extensive number of clinical cases with a 24-36 month follow-up will be presented. Finally, alternate applications of rhPDGF such as root coverage and vertical ridge augmentation will be covered in this lecture.

Evidence-Based Periodontal Regeneration

Speaker:

James T. Mellonig, DDS, MS, Professor, The University of Texas Health Science Center at San Antonio; Adjunct Professor, University of Pennsylvania School of Dental Medicine

This course will analyze human histological evidence of periodontal regeneration. Emphasis will be placed on the use of an organic bovine bone with and without a collagen barrier to promote a new attachment apparatus composed of new bone, cementum, and periodontal ligament. Combinations of human platelet derived growth factor with decalcified freeze-dried bone allograft or Beta tri-calcium phosphate will also be discussed.

Clinical Experiences and Techniques for Bone Augmentation in Private Practice

Speaker:

Ole Jensen, DDS, MS, Clinical Assistant Professor, University of Colorado School of Dentistry, Private Practice, Denver, Colorado; Clinical Professor, New York University College of Dental Medicine; Assistant Clinical Professor of Oral Surgery, University of Michigan School of Dentistry

This presentation will review materials and techniques used for promoting bone healing and augmentation. Specific surgical techniques for lateral and vertical ridge augmentation will be discussed, as well as the importance of the rapid and uneventful healing of the soft tissue envelope overlying the bone graft site. Dr. Jensen's use of rhPDGF in his clinical practice will also be covered.

Course Objectives:

At the completion of this course you will understand the following:

- The biological basis for bone and periodontal regeneration
- The clinical efficacy and biological rationale for the use of rhPDGF in periodontal and oral surgery applications
- The efficacy of an organic bovine bone with and without a physical barrier
- The rationale for the use of rhPDGF with bone graft materials and techniques in dental and oral-facial surgery

IS BUYING A PRACTICE RIGHT FOR YOU?

Location: Columbia University Medical Center

Credit Hours: 3 Tuition: \$135

Speaker:

Joseph M. McManus, DMD, MS, MHA, MBA, Associate Professor of Clinical Dentistry, Division of Pediatric Dentistry, Assistant Dean for Admissions, Director of Student Affairs; Transition Consultant, Paragon Dental Practice Transitions

Course Description:

Recent dental graduates confront many career options: speciality programs, GPR residencies, military service, associateships, practice start-up and practice purchase. Since most graduates incur a significant debt-load, they often choose to join a practice as an associate. In its '05-'06 Success Seminar, the ADA stated that practitioners who purchase a practice earn \$200,000 to \$500,000 more in income during the first five years of practice than those who become associates. This course will describe in detail the numerous advantages of buying a practice.

Course Objectives:

At the completion of this course you will understand the following:

- The problems with associateships
- How to maximize your career income potential
- The true costs of starting a dental practice
- The pre-sale and walk-away acquisition
- The benefits of a merger acquisition
- How to finance practice transactions

**SKELETAL ANCHORAGE FOR ORTHODONTICS AND
CRANIOFACIAL ANOMALIES: STAGED AND COMPREHENSIVE
TREATMENT**

Location: Columbia University Medical Center

Credit Hours: 4 *Tuition:* \$175

Speaker:

Bernard J. Costello, MD, DMD, Chief of Craniofacial and Cleft Surgery, Division of Oral and Maxillofacial Surgery, Program Director, Oral and Maxillofacial Surgery, Residency and Fellowship Programs, University of Pittsburgh School of Dental Medicine

Skeletal Anchorage for Orthodontics

Course Description:

This course will discuss the basic and advanced concepts of skeletal anchorage appliances. The history, development, recent advances, and treatment planning concepts in orthodontic anchorage will be reviewed.

Course Objectives:

- To become familiar with the development and utility of skeletal anchorage appliances for orthodontics
- To learn the treatment planning concepts for typical orthodontic challenges that are remedied using skeletal anchorage
- To understand and discuss the available outcome data regarding skeletal anchorage appliances

Craniofacial Anomalies: Staged and Comprehensive Treatment

Course Description:

This course will discuss the recognition and staged, comprehensive treatment of a variety of craniofacial anomalies including cleft lip and palate as well as other common craniofacial anomalies. Interdisciplinary team care will be emphasized using a tailored approach for each patient.

Course Objectives:

- To consider the complex issues in a staged reconstruction of a variety of craniofacial and cleft anomalies
- To understand the complex interplay between growth and intervention such as early surgery
- To understand the team concept for patients with a variety of complex craniofacial and cleft anomalies

Course 6: Friday, December 15

8:00 to 11:00 a.m.

TOBACCO CESSATION INTERVENTION AND THE ORAL HEALTH EFFECTS OF TOBACCO PRODUCTS

This course will satisfy the CE requirement mandated by the New York State Board of Dentistry

Location: The Columbia University Club, 15 West 43rd Street, New York, NY

Credit Hours: 3 Tuition: \$135

Tobacco Cessation Intervention: The Role of the Dental Professional

Speaker:

Lynn Tepper, MS, MA, EdD, Clinical Professor, Behavioral Science Program, Section of Social & Behavioral Sciences

Course Description & Objectives:

The use of tobacco products has been shown to be a major factor in the cause of numerous illnesses involving multiple organ systems. Tobacco use has been identified as a major risk factor for both oral cancer and periodontitis. This course will teach you the skills, knowledge and attitudes that are necessary for helping your patients become tobacco free. You will learn interventional strategies, including the use of medication, nicotine replacement modalities and behavioral therapies.

The Oral Health Effects of Tobacco Products: Recognition, Diagnosis and Treatment

Speaker:

Sidney B. Eisig, DDS, George Guttman Professor of Craniofacial Surgery, Chairman, Section of Hospital Dentistry, Director, Division of Oral & Maxillofacial Surgery, Chief of Service NewYork-Presbyterian Hospital

Course Description & Objectives:

This course will review the physiological effects of tobacco and tobacco products. You will learn the importance of performing a thorough head and neck examination. You will understand the indications for different diagnostic tests including incisional biopsy, brush biopsy, and fine needle biopsy. Different treatment modalities and new reconstruction techniques will be explained.

Course 7: Friday, January 19

Session I: PRACTICAL INFECTION CONTROL FOR THE DENTAL OFFICE

9:00 a.m. to 12:00 p.m.

Session II: CPR RE-CERTIFICATION

1:00 to 4:00 pm

Location: Columbia University Medical Center, New York, NY

Credit Hours: 3 per session Tuition: Session I: \$125, Session II: \$135,

Both Sessions: \$250

Session I: Practical Infection Control for the Dental Office

Speaker:

Ronnie Myers, DDS, Associate Professor of Clinical Dentistry, Division of Oral Surgery, Associate Dean for Clinical Affairs

Course Description:

This course will provide you with an overview of infectious diseases encountered in the dental environment. A thorough review of the current ADA/CDC Infection Control Recommendations will be presented. The course will focus on the implementation and compliance issues associated with maintaining adequate asepsis in the clinical dental environment. Hand hygiene and waterline maintenance will also be reviewed. This course will satisfy the New York State Board of Dentistry requirements for re-licensure.

Course Objectives:

- To become familiar with the four goals of infection control
- To become familiar with proper infection control measures to attain these goals
- To learn how a safe workplace can be achieved in a practical and cost effective manner
- To understand compliance issues

Session II: CPR Re-certification

Speaker:

Mike Caffrey, Emergency Medical Technician, Emergency Medical Consulting

Course Description:

This course will provide re-certification for those previously certified in Basic Cardiac Life Support through the American Heart Association. The emphasis will be on skill performance and evaluation, with didactic portions for updating new guidelines written since your last certification. Basic Life Support skills to be reviewed include rescue breathing, one rescuer CPR, two rescuer CPR, and conscious and unconscious foreign body airway obstruction management for all age patients. In addition to American Heart Association content, this course will discuss realistic practical approaches for applying these skills in an emergency. Certification is dependent upon mastering the psychomotor skills and successful completion of a written examination. Previous CPR Certification is required. The course will include training in the use of an Automatic External Defibrillator.

Course Objectives:

- To confidently and independently perform all current American Heart Association Basic Life Support CPR skills on adults, children and infants
- To become familiar with the use of a Bag Valve Mask and Automatic External Defibrillator
- To be prepared to handle an actual life and death situation

Course 8: Friday, February 9

8:00 to 11:00 a.m.

RISK ASSESSMENT AND MINIMAL INVASION IN OPERATIVE DENTISTRY

Location: Columbia University Club, 15 West 43rd Street, New York, NY
Credit Hours: 3 Tuition: \$135

Speaker:

Richard M. Lichtenthal, DDS, Professor of Clinical Dentistry, Chairman, Section of Adult Dentistry, Director, Division of Operative Dentistry

Course Description:

This course will discuss the changing principles of interventional restorative dentistry. The advances of techniques and materials that have led to this change and their application will be reviewed. A range of clinical procedures will be discussed, including assessment of caries risk to reinforce patient self help, early detection of disease before lesion cavitation, and restoration where required with maximum retention of sound tooth structure aiming at "prevention of extension."

Course Objectives:

- To learn risk assessment based on early diagnosis
- To become familiar with interventional treatment of underlying diseases
- To learn evidence based minimally invasive dentistry

SPRING PREVIEW

Friday, February 23: 9 a.m. to 5 p.m.

Sinus Elevation Surgery. Lecture and Hands-on. 6 Credits

Saturday, March 10: 9 a.m. to 3 p.m.

Patricia McLean Symposium for the Dental Hygienist. 5 Credits

Friday, March 16: 9 a.m. to 4 p.m.

Integrating the CEREC System Into Your Practice. 6 Credits

Wednesday, April 11: 9 a.m. to 1 p.m.

Transition Your Practice: The Time to Plan is Now. 4 Credits

Friday, April 20: 9 a.m. to 5 p.m.

Management of the Diabetes Patient in the Dental Office

A Tenenbaum Symposium. 6 Credits

Wednesday, May 2: 9 a.m. to 1 p.m.

Integrating Modern Orthodontic and Endodontic Concepts into the Dental Practice. 4 Credits.

Friday, May 11: 8 a.m. to 11 a.m.

Aging and Oral Health: Preparing for the Baby Boomers. 3 Credits

June: Update on Bisphosphonates in Dentistry. 3 Credits.

REGISTRATION
Continuing Education Course Offerings
Fall/Winter 2006-2007

Columbia University College of Dental Medicine

Name(s) _____

Address _____

Phone _____ Fax _____ Email _____

CDM Class Year/Specialty Program _____

I would like to register for the following course(s):

Course 1 \$ _____ **Course 3** \$ _____ **Course 5** \$ _____ **Course 7** \$ _____

Course 2 \$ _____ **Course 4** \$ _____ **Course 6** \$ _____ **Course 8** \$ _____

Payment: Check Visa Mastercard

Card # _____ Exp. _____

Billing Address (if different from above) _____

Name on card _____

\$ _____ Total Enclosed

(Reminder: CDM alumni and dental hygienists can deduct \$15 off the listed fee and CDM faculty can deduct 50% off the listed fee. Alumni graduating between 2001 and 2006 can deduct \$25 off the listed fee. Retired alumni can audit the courses at no charge.)