OUR MISSION
Tufts University School of Dental Medicine, Division of Continuing Education is dedicated to providing patient-centered and clinical-based education for the lifelong learning needs of dental professionals.

We strive to develop educational programs that address different patient populations, dental specialties, advancing technologies, and varied practice settings. We create and coordinate programs that incorporate all types of educational methodologies, quality training, and the highest standards of oral health care by utilizing a comprehensive and multidisciplinary approach.

OUR GOALS
• To promote and encourage continual and lifelong education of the dental professional beyond graduation and/or certification by presenting outstanding programs by recognized clinicians and educators who have demonstrated expertise in their respective fields of endeavor
• To disseminate new information on techniques and technology for practical application by the dental professional
• To encourage and assist the dental professional to achieve higher levels of skills, knowledge, and competence
• To provide continuing education programs that enable participants to provide an improved level of care to their patients and their community

We invite you to participate in our Fall 2015 course offerings and thank you for your continued support of lifelong learning in dentistry.
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dental.tufts.edu/ce

**GO GREEN, GET IT FASTER**
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Go to our website and click the newsletter link or visit dental.tufts.edu/ce/newsletter.
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To register visit dental.tufts.edu/ce or call 617.636.6629  3
**Radiology Certification Course**

**HANDS-ON COURSE—CLASS SIZE LIMITED**

**AUDREY J. FURKART, D.M.D., M.S.** Former Associate Clinical Professor, Division of Oral and Maxillofacial Radiology; Former Radiation Safety Officer, Tufts University School of Dental Medicine; Diplomate, American Board of Oral and Maxillofacial Radiology

**RICHARD W. SHEA, D.M.D.** Former Assistant Clinical Professor, Division of Oral and Maxillofacial Radiology, Tufts University School of Dental Medicine; Private Practice, West Roxbury, MA

**BRIAN M. SHEA, D.M.D.** Former Clinical Instructor, Division of Oral and Maxillofacial Radiology, Tufts University School of Dental Medicine; Private Practice, West Roxbury, MA

**MICHAEL PUTT, D.M.D.** Adjunct Instructor, Department of General Dentistry, Tufts University School of Dental Medicine; Private Practice, Wayland, MA

**SHANNON MELoon BALLETTO, C.D.A., B.S.** Infection Control Administrator, Tufts University School of Dental Medicine

**BRENDAN GOuin, D.M.D.** Adjunct Instructor, Department of General Dentistry, Tufts University School of Dental Medicine; Private Practice, Charlestown, RI

Prerequisite: This is not an introductory course. The applicant should have a working knowledge of dental X-ray machines and their use. Applicants should also be familiar with dental radiology-related concepts and terminology. An optional 15-question pretest is available upon request. Please call 617.636.6629 or e-mail dentalce@tufts.edu for more information.

**The lecture session includes:**
- X-ray properties and the generation of X-rays
- Radiation protection
- Radiation biology
- Darkroom procedures
- Intra-oral radiographic techniques using film and digital sensors
- Technique/processing errors and troubleshooting using film and digital sensors
- Film-based and digital extra-oral radiography and panoramic radiography
- Direct digital radiography for dentistry

**The clinical session includes:**
- Written examination
- Demonstration of intra-oral techniques
- Practical exercise using digital sensors on phantoms
- Demonstration of development and review of films

**Mandatory Lecture:**
- **Date:** Friday, September 11th, 2015
- **Course Number:** J1
- **Time:** 9:00 a.m.–5:00 p.m.

**Choice of One:** Clinical Session I, II, or III

**PLEASE NOTE: NH CANDIDATES SHOULD ENROLL IN SESSION III.**

NH Candidates will also receive a short homework assignment prior to the course.

**Options:**
- **Session I:** September 12th (8–11 a.m.)
- **Session II:** September 12th (11 a.m.–2 p.m.)
- **Session III:** September 13th (8 a.m.–2 p.m.)

**Tuition:** $265 (includes continental breakfast only)

**Credit:**
- 10 Hours (Sessions I and II)—Participation
- 16 Hours (Session III)—Participation

*Please note: Course participants are advised that due to the technical language used in both the written and clinical exams, proficiency in English is strongly recommended. Registration is available on a first come, first served basis.*

This course meets the requirements of the Commonwealth of Massachusetts Board of Dentistry. Session III participants will also meet the requirements for the state of New Hampshire. It provides an excellent review for hygienists and for those planning to take the DANB examination. Participants are advised to check with their individual state board requirements.
Current Trends in Fixed Prosthodontics: A History and Technology Update

HANDS-ON COURSE—CLASS SIZE LIMITED

ROYA ZANDPARSA, D.D.S., M.SC., D.M.D.
Clinical Professor, Department of Prosthodontics and Operative Dentistry, Prosthodontics Division, Tufts University School of Dental Medicine

The art and science of Fixed Prosthodontics will be introduced with emphasis on the fundamental principles and techniques required to rehabilitate oral function and form.

Clinical success can be defined as achieving a result that is aesthetic, functional, and predictable. The goal of this course is to provide dentists with a scientifically-based rationale for all diagnostic, treatment planning, and patient care decisions.

This course is designed to meet the significant void that presently exists within the dental community on how to identify potential problems, how to deal with them appropriately, and how to manage associated problems utilizing the basic principles of smile and facial designs, preparation, occlusion, and new materials and technologies. Participants will receive a combination of lessons from personal experience (including preferred materials, instrumentation and techniques) and evidence-based subject matter in order to help them achieve a predictable esthetic result in both simple and complex cases.

Participants will receive a thorough overview of treatment planning, as well as guidance on smile design (including occlusion), ceramic restorations (including veneers, onlays and inlays), contemporary esthetic materials, computer generated ceramic restorations, provisionalization and periodontal esthetics and considerations.

To further build a plan for incorporating these treatment options to practice, a discussion and review of the “do’s and don’ts” will be reviewed using different scenarios and cases from start to finish with an update of all the new materials and technologies.

Hands-On Activities:
• Practice patient evaluations
• Work as a group in order to diagnose, treatment plan and sequence patients
• Practice with CAD/CAM technology (digital scanners, computed milled abutments, crowns, bridges, etc.)
• Practice restoring dental implants
• Make provisional restorations on an implant-supported crown

Learning objectives:
• Understand the fundamentals of treatment planning with Fixed Prosthodontics
• Review how to select patients and set their expectations
• Develop a stronger understanding of prosthetic needs, materials and methods
• Determine proper smile and facial design
• Understand complications, risks, and criteria for success using different scenarios and cases

Course Number: J2
Date: Wednesday, September 16th, 2015
Time: 9:00 a.m.–4:00 p.m.
Tuition: $495
Credit: 6 Hours–Participation
AGD Code: 610
Medical Emergencies for the Entire Dental Team and Legal Implications for Dental Practitioners

MORTON B. ROSENBERG, D.M.D. Professor and Head, Division of Anesthesia and Pain Control, Department of Oral and Maxillofacial Surgery, Tufts University School of Dental Medicine; Associate Professor of Anesthesia, Tufts University School of Medicine

DEBRA K. UDEY, Risk Manager, Eastern Dentist Insurance Company (EDIC). Ms. Udey has been with EDIC since 2014 and brings over thirty years of dental and medical malpractice insurance experience to the course.

The morning portion of this course will address the prevention and management of medical emergencies in the dental office, and will be conducted by Dr. Morton Rosenberg. Topics will include: preparing your office and team for a medical emergency; emergency drugs and emergency equipment; diagnosis and treatment of the obstructed airway; and management of minor and major emergencies.

Learning objectives:
• Understand the rationale and composition of emergency drugs and equipment for anticipated medical emergencies
• Be prepared to diagnosis acute medical emergencies
• Review the fundamentals of emergency airway management and BLS-HCP including the use of an AED

In the afternoon, Debra Udey, Risk Manager at EDIC will update participants on malpractice liability:

Dentists know that malpractice claims are a reality of the profession. However, knowing what causes claims and how they progress can help in their prevention. Through closed claim presentations, this seminar will explore the anatomy of a claim, the proper way to deal with board inquiries, and how communication and documentation can contribute to better care and decrease one’s risk for claims.

Learning objectives:
• Identify the potential liability involved in claims
• Analyze their practices and employ risk management principles to protect against liability exposure

Course Number: J3
Date: Friday, September 18th, 2015
Time: 9:00 a.m.–4:00 p.m.
Tuition: $195 Doctor; $95 Auxiliary/Hygienist/Staff
Credit: 6 Hours—Lecture
AGD Codes: 142, 552

Attendance at this seminar may count toward a 5% discount on your EDIC Professional Liability Insurance.

This Risk Management Seminar is sponsored by EDIC.
Get Ready to Master the Codes, Get More New Patients and Simplify Reimbursement!

TOM LIMOLI, JR. Mr. Limoli is an expert on proper coding and administration of dental insurance benefit claims. He serves as president of Limoli and Associates, a company that has assisted dental offices in streamlining the insurance reimbursement process for over 25 years. His no-nonsense approach to the management of third-party reimbursement has been successfully implemented in thousands of dental practices across the country.

Bring the whole dental team!

In this full-day seminar, Tom Limoli will deliver cutting edge information regarding how to “master the codes,” understand dental insurance reimbursements, and use this information to benefit your patients and your practice. This lecture is designed for both dentists and dental staff members who deal with coding and insurance issues, and will include clinical scenarios and administrative solutions to common office problems.

Topics covered during this lecture will include:
• Tom’s “Seven Keys to Reimbursement Success,” and how to use these keys to keep your office in business
• Benefit plan provisions, limitations and exclusions, and how these can affect patient treatment plans
• How to help your patient make the most of their benefit plan
• Strategies to simplify and understand coding, along with how to improve billing communication
• How to speak to your patients regarding benefits in language that they can understand
• How to create effective communication and clinical documentation among your dental team

Learning objectives:
• Discover how to streamline the reimbursement process
• Learn accurate coding in order to reduce effort and stress
• Develop improved methods for interpreting your patients’ benefit plans
• Develop improved methods of communicating with your patients regarding their treatment options

Course Number: J4
Date: Saturday, September 19th, 2015
Times: 9 a.m.-5 p.m.
Tuition: $295 (Doctor), $195 (Staff)
Credit: 7 Hours—Lecture
AGD Code: 551

To register visit dental.tufts.edu/ce or call 617.636.6629
Pediatric Tongue- and Lip-Ties: Diagnosis and Treatment with Soft-Tissue Lasers

HANDS-ON COURSE—CLASS SIZE LIMITED

ROBERT A. CONVISSAR, D.D.S. Director, Laser Dentistry, New York Hospital Medical Center of Queens, New York, NY; Evaluator, Clinical Research Associates, Utah; Fellow, Academy of General Dentistry; Fellow, American Society of Lasers in Medicine and Surgery

MARTIN KAPLAN, D.M.D. Adjunct Instructor, Department of Pediatric Dentistry, Tufts University School of Dental Medicine; Private practice in pediatric dentistry

ALISON HAZELBAKER, PH.D, IBCLC, FILCA, CST, RSST. Lactation therapist, psychologist and craniosacral therapist

In this combination lecture and hands-on course, attendees will be introduced to the concept of laser frenectomies, an increasingly popular method by which dentists and physicians can treat tongue-ties in their patients.

As many as 5% of all babies born in the United States have tongue-ties significant enough to cause breastfeeding difficulties. This condition can cause a plethora of problems for both babies (difficulty transferring milk, lack of growth) and their mothers (sore or cracked nipples, mastitis and low milk supply). Babies with tongue-ties can be erroneously labeled as “lazy nursers,” “stubborn feeders” or as “failures to thrive.” They may also be erroneously diagnosed with GI problems, when all that is needed is a simple 30 second frenectomy to release the tongue-tie, the result of which is to restore the baby’s ability to efficiently feed.

In this course, attendees will receive an overview of best practices regarding tongue-tie assessment and treatment, and will participate in a hands-on workshop on how to remove tongue-ties through the use of soft-tissue lasers.

Learning objectives:
• Understand infant sucking physiology and how tongue-tie impairs infant suck
• Use evidence-based diagnostic criteria to screen babies for this condition
• Understand all of the consequences and benefits of using lasers to destroy tongue-ties
• Be able to perform tongue-tie releases on infants

Course Number: J5
Date: Friday, September 25th, 2015
Time: 8 a.m.–6 p.m.
Tuition: $595
Credit: 9 hours—Participation
AGD Codes: 135, 434
Botulinum Toxin and Dermal Fillers: A “Refresher” Course for Experienced Clinicians

HANDS-ON COURSE—CLASS SIZE LIMITED

CONSTANTINOS LASKARIDES, D.M.D., D.D.S., PHARM.D. Associate Professor, Department of Oral and Maxillofacial Surgery, Tufts University School of Dental Medicine, Diplomate of the American Board of Oral and Maxillofacial Surgery

This course is designed for dentists who have taken TUSDM’s “All-Inclusive Cosmetic Course,” or who have taken a similar course with other providers, and who are interested in developing a broader base of experience regarding facial cosmetics.

This course will consist of:
• A brief refresher lecture on the use and potential complications of these products
• A Q&A session designed to let course participants ask follow-up questions, based either on the lecture or previous course work, or their experiences in private practice
• A clinical, hands-on refresher opportunity using modern, specially designed simulation heads
• A live patient care clinical session, giving participants the opportunity to practice techniques in TUSDM’s state-of-the-art clinics. Spectrum of clinical applications will include both “on” and “off label” uses of neuromodulators and fillers in the face and the neck.

Please note that this course does not fulfill the requirements of the Massachusetts BORID’s “Policy Advisory on the Use of Botulinum Toxins (Botox) and/or Dermal Fillers by Licensed Dentists.” Participants seeking the initial eligibility to use these substances in MA or in states with similar requirements are instead encouraged to take TUSDM’s “All-Inclusive Cosmetic Course,” which complies with the previously mentioned requirements.

Learning objectives:
• Understand the process of conducting patient risk assessment in relation to cosmetic facial treatment
• Understand facial analysis, identifying locations for improvement, and treatment planning of facial cosmetic procedures
• Learn techniques and principles of facial cosmetic uses of neuromodulators and fillers
• Review relevant location-specific details and pitfalls of advanced uses for botulinum toxin and fillers
• Understand the integration of both techniques (in certain indications) for greater outcomes

Course Number: J6
Dates: Saturday, September 26th, 2015
Times: 9 a.m.–5 p.m.
Tuition: $1,895 (Doctors), $499 (Staff) (observation only)
CE Credits: 7 hours—Participation
AGD Code: 780

To register visit dental.tufts.edu/ce or call 617.636.6629
Smart Ways to Handle Your Money

JAMES B. JACKSON, D.D.S., CFP. Dr. Jackson is a Certified Financial Planner® and a principle at JBJ Investment Partners, LLC, a wealth management firm and registered investment advisor in Mount Pleasant, South Carolina. He is the author of four books on financial planning, and for over 20 years wrote the successful newsletter “The Jackson Letter.”

Investing and retirement planning is no longer an option but a necessity. We spend years putting money into a retirement plan and into personal savings and real estate, and then suddenly wonder how we can draw on those funds without making a harmful mistake.

The presentation will include: how to develop long and short term investing game plans, asset allocation, how to determine a reasonable risk and return, decide on an amount to remove from your portfolio, remove money with the least amount of expense and trouble, avoid high fees, consider better alternatives than annuities and a presentation of a list of stocks and mutual funds which will help you reach your goals.

Most dental professionals recognize the critical need to plan effectively for a financially secure retirement. This program is designed to help the participant achieve financial independence in today’s fluctuating economy. Investing in the 21st century will be very profitable for those who use the proper signals to move their assets to the best playing field. Staying out of trouble with proper portfolio asset allocation will provide an advantage over the average investor.

As part of this lecture, Dr. Jackson will discuss “what’s hot and what’s not” in the investment arena, along with tips on setting up an all-weather portfolio to assure enough capital accumulation for achievement of all goals.

Lecture attendees will receive a free copy of Dr. Jackson’s latest book, “No One Loves Your Money like You Do.”

Learning objectives:

• Review methods of short and long term investment strategy
• Understand methods of evaluating risk and return on investments
• Plan for supporting yourself during retirement

Course Number: J7
Date: Friday, October 2nd, 2015
Time: 9:00 a.m.–4:00 p.m.
Tuition: $245 (Doctor), $145 (Staff)
Credit: 6 Hours—Lecture
AGD Code: 552
Simplifying The Restorative Dentist’s Role in Implant Dentistry: An Economical Approach

HANDS-ON COURSE—CLASS SIZE LIMITED


In this full-day lecture and hands-on workshop, which has been offered at national dental meetings and regularly sells out at TUSDM, Dr. Allen Schneider will present his insights into how implant overdentures and fixed implant dentistry can be done simply and economically.

During the morning session, Dr. Schneider will focus on implant supported overdentures, which are one of the most cost-effective, successful and well-known treatment approach for reconstructing fully edentulous patients. Participants will improve their ability to diagnosis edentulous patients, treatment plan their care and determine the number of implants needed for ideal outcomes. Participants will learn how to easily change attachments in seven seconds or less, and will receive a valuable briefing on contemporary dental products in order to help them keep their office costs down.

During the afternoon session, Dr. Schneider will address methods of simplifying the restorative aspect of implant dentistry, with a focus on highlighting the benefits of how surgical and restorative doctors may treatment plan together in order to achieve positive treatment results. This session will include information on dental implants, restorative components, CAD/CAM technology and digital dentistry, providing the clinician with a wide array of tools in order to produce optimum esthetic results.

A prosthetic hands-on workshop will conclude the session and allow participants to further develop their experience.

Learning objectives:
• Understand the importance of incorporating surgical and restorative perspectives when treatment planning
• Improve knowledge of dental materials relating to implant dentistry
• Learn how to reduce office costs while still delivering excellent patient care
• Identify new and improved methods of treatment planning and engaging in implant treatment

Course Number: J9
Date: Friday, October 9th, 2015
Time: 8:30 a.m.–4:30 p.m.
Tuition: $495 (Doctor), $195 (Staff)
Credit: 7 Hours–Participation
AGD Codes: 670, 690

To register visit dental.tufts.edu/ce or call 617.636.6629
Porcelain Laminate Veneers: From Design to Delivery

HANDS-ON COURSE—CLASS SIZE LIMITED

DAVID N. BARDWELL, D.M.D., M.S., Clinical Professor, Prosthodontics and Operative Dentistry, Tufts University School of Dental Medicine

SIMONE DELIPERI, D.D.S., Adjunct Assistant Professor, Prosthodontics and Operative Dentistry, Tufts University School of Dental Medicine. Director, Sardinia Dental Teaching Center for Biomimetic Dentistry, Cagliari (Italy)

OLYMPIA KARACOSTA, D.M.D., Assistant Professor, Diagnosis and Health Promotion, Tufts University, School of Dental Medicine

AIKATERINI PAPATHANASIOU, D.D.S., Assistant Professor, Prosthodontics and Operative Dentistry, Tufts University School of Dental Medicine

A smile is one of the most powerful of all human expressions, therefore clinicians are continuously asked to provide esthetic treatments. Modification of an anterior tooth form, position, and color through porcelain restorations can generate significant improvement in a patient’s smile. Porcelain laminate veneers represent a conservative restorative treatment option. The key to a clinician achieving a pleasing esthetic result is adequate diagnosis and an evidence-based treatment plan. Preparation design, ceramic selection, and close communication between the patient, clinician, and the laboratory technician is paramount to achieving long-term clinical success and patient satisfaction.

The use of a silicone matrix allows the clinician to predictably calibrate the amount of tooth tissue removed during the preparation. In this way, minimally-invasive preparations can also be performed.

This course will include a hands-on component in the afternoon. Each participant will have the opportunity to prepare, temporize, and utilize the impression techniques covered in the morning presentation.

A temporary restoration will be constructed using a combination of the latest generation bis-acrylic and flowable composite resins.

Learning objectives:
• Perform a step-by-step diagnostic sequence using both wax-up and direct and indirect mock-up techniques
• Understand the pros and cons of using porcelain veneers
• Understand how to utilize a conservative tooth preparation, appropriate temporization, impression and cementation techniques for the long-term success of porcelain veneers

Course Number: J11
Dates: Saturday, October 10th, 2015
Time: 9:00 a.m.–4:00 p.m.
Tuition: $495 Doctor
Credit: 6 Hours—Participation
AGD Code: 253
Capture the Perfect Smile and Prepare Effective Marketing Material for your Practice: Digital Photography Techniques for Clinical and Marketing Purposes

HANDS-ON COURSE—CLASS SIZE LIMITED

RITA BAUER has become recognized as a leading authority on integrating digital photography in the Dental Practice. During her 25 years as medical photographer and manager of Photographic Services at the University of Toronto she has trained thousands of dental professionals, presenting over 700 lectures and workshops. For her efforts in support of the dental community she has received Honorary Memberships as a Fellow of the International College of Dental Surgeons, the OKU Honor Dental Society and the Award of Excellence from the University of Toronto.

Are you using patient photography to its fullest but are not satisfied with the results? Do you use your clinical photographs only for treatment planning and patient records? Then you are missing out on an excellent opportunity to show off your great work. In this course, we will show you the tips and techniques to consistently take excellent patient views, portraits and preparation of marketing and education material.

You will be amazed how easy digital photography can be learned and immediately incorporated into your practice!

Course participants will emerge with an improved understanding of the following topics:

Cameras and accessories selection for dental photography:
• What is the best camera for dental photography? Decide which digital camera is best suited for your practice. You can get very good results with a camera in the $350-range and excellent images with the SLR system for $2500- and up. See which retractors, mirrors, backgrounds and gadgets make clinical photography easy.

Techniques for Standardized Patient Photography:
• Learn how to position the patient for clinically correct views

Documenting the Patient Makeover:
• Take a portrait of your patients and your team members for your patient gallery and your website

Effective Case Presentations in minutes:
• Prepare a great case presentation for your patient in a minute and help your patient accept the treatment plan with visual aids.

Learning objectives:
• Understand how to utilize camera exposure calibration for consistent results
• Develop knowledge of patient positioning for clinically correct photographic documentation
• Understand how to produce standardized patient photograph with mirrors and retractors
• Prepare effective case presentations with your clinical photographs

Course Number: J10
Date: Saturday, October 10th, 2015
Time: 8 a.m.–4 p.m.
Tuition: $595
Credit: 7 Hours—Participation
AGD Code: 138
Pushing the Envelope with Stress-Reduced Direct Composite Restorations: A Biomimetic Approach

HANDS-ON COURSE—CLASS SIZE LIMITED

DAVID N. BARDWELL, D.M.D., M.S., Clinical Professor, Department of Prosthodontics and Operative Dentistry, Tufts University School of Dental Medicine

SIMONE DELIPERI, D.D.S., Adjunct Assistant Professor, Department of Prosthodontics and Operative Dentistry, Tufts University School of Dental Medicine and private practice, Cagliari (Italy)

OLYMPIA KARACOSTA, D.M.D., Assistant Professor, Diagnosis and Health Promotion, Tufts University, School of Dental Medicine

AIKATERINI PAPATHANASIOU, D.D.S., Assistant Professor, Prosthodontics and Operative Dentistry, Tufts University School of Dental Medicine

This program is designed for dentists who wish to improve their technique and increase their success rate with direct posterior composite restorations. Current evidence-based research supporting this technique will be presented. With proper technique, clinical success with direct composite restorations can be as predictable as amalgam. Proper selection and use of high-performance adhesive systems, composite resins, and light curing systems assure longevity. The course will review bulk fill utilization, as well as layering techniques for both enamel and dentin, intended to reduce the C-factor and stress from polymerization shrinkage. The advantage of sculpting restorations before curing will be illustrated. This time saving technique can often results in minimal adjustment, contouring, and polishing!

This course will also include a brief explanation of anterior composite restoration technique and materials, including color selection, tooth anatomy and composite thickness.

The hands-on portion of this course will include selection of a composite resin and light curing system, bonding agents and matrices. Also included will be the use of composite placement techniques, light curing sequences, finishing and polishing, occlusal wear consideration, and build-ups requiring cuspal coverage.

Additionally, biomimetic hard tissue sparing preparations will be reviewed!

Upon completion of the course, participants will have the skills to “go resin” in most direct posterior applications and the confidence to achieve consistent long-term success!

Learning objectives
- Understand a stress-reduced approach for the restoration of structurally compromised teeth with layering and curing protocols
- Compare a stress-reduced direct technique with traditional techniques available for the restoration of Class II restorations
- Know how to improve results on Class II composite restorations
- Understand how to replicate esthetic appearance and the creation of anatomical proximal contacts
- Become familiar with a new technique for direct cuspal coverage utilizing a resin buildup protocol

Course Number: J12
Date: Wednesday, October 14th, 2015
Time: 9:00 a.m.–4:00 p.m.
Tuition: $495 Doctor
Credit: 6 Hours—Participation
AGD Code: 255
NOSHIR R. MEHTA, B.D.S., D.M.D., M.D.S., M.S.
Professor, Department of Public Health and Community Service, senior consultant at the Craniofacial Pain Center, and Associate Dean for Global Relations, Tufts University School of Dental Medicine. Certified by the American Academy of Orofacial Pain and the American Board of Dental Sleep Medicine

LEOPOLDO P. CORREA, B.D.S., M.S.
Associate Professor, Department of Oral and Maxillofacial Pathology, Oral Medicine, and Craniofacial Pain; Head, Dental Sleep Medicine Section of Craniofacial Pain, Headache, and Sleep Center, Tufts University School of Dental Medicine

ROBERT L. TALLEY, D.D.S.
Founding Member, American Academy of Craniofacial Pain

JAMISON R. SPENCER, D.M.D., M.S.
Past-President, American Academy of Craniofacial Pain; Adjunct Assistant Professor, Craniofacial Pain, Headache, and Sleep Center, Tufts University School of Dental Medicine

This Mini-Residency Program is divided into three modules, each consisting of three days of lectures and workshops.

This program is designed for the dentist just getting started in dental sleep medicine, as well as dental practitioners who are looking to increase their knowledge of sleep-related sciences, clinical application and practice management. It emphasizes the connection between Sleep Medicine, Dental Sleep Medicine, Craniofacial Pain and TMD.

On-site curriculum will include:
• Lectures by leading clinicians and researchers in the Medical and Dental Sleep Medicine fields
• Extensive Hands-on session
• Clinical cases presentations
• Video conferences

Guided self-study will include:
• Sleep lab experience
• Literature review
• Case study preparation
• Guided homework assignments

Learning objectives:
• Develop a deeper understanding of sleep, the physiology of sleep, chronobiology (circadian rhythms), breathing and non-breathing related sleep disorders, sleep related movement disorders, upper airway resistance syndrome, adult and pediatric obstructive sleep apnea, and the health consequences of sleep deficiency
• Understand the interrelationship between TMD and sleep
• Develop, through the use of hands-on workshops, proper examination principles and bite registration techniques
• Learn how to get started screening, evaluating, examining, referring, and managing obstructive sleep apnea patients
• Obtain an unbiased review of oral appliances for the management of OSA and review appliance selection criteria
• Practice bite registration techniques for OA therapy and TMD oral appliance usage
• Gain experience using several different custom-fabricated oral appliances with a hands-on appliance fitting and adjustments workshop
• Participants will learn how to incorporate dental sleep medicine into their general dental practice, including working with sleep laboratories, and medico-legal issues related to dental sleep medicine practice

Dates and Times:
Thursday-Saturday, October 15th-17th, 2015
8:00 a.m.–5:00 p.m.
Thursday-Saturday, January 14th-16th, 2015
8:00 a.m.–5:00 p.m.
Thursday-Saturday, April 28nd-30th, 2015
8:00 a.m.–5:00 p.m.

Course number: J13
Tuition: $9,000, payable to American Academy of Craniofacial Pain (AACP)
Credit: Approximately 60 total hours available—Participation
AGD Codes: 160/182

To register, please contact AACP at 800.322.8651 or 703.234.4100. Fax: 703.435.4390. Write to: AACP Executive Office, 12100 Sunset Hills Road, Suite 130, Reston, VA 20190.

For questions regarding TUSDM course site details, please call 617.636.6629, or e-mail us at: dentalce@tufts.edu

To register visit dental.tufts.edu/ce or call 617.636.6629
Contemporary Endodontic Techniques and Treatments

ROBERT AMATO, D.M.D. Professor, Department of Endodontics and Director of Postgraduate Endodontics, Tufts University School of Dental Medicine; Diplomate, American Board of Endodontics

STEVEN LEVINE, D.M.D. Clinical Instructor, Division of Endodontics, Harvard University School of Dental Medicine; Diplomate, American Board of Endodontics

PETER VELYVIS, D.D.S. Clinical Instructor, Division of Endodontics, Harvard School of Dental Medicine

KHALED SEIF, D.D.S. Clinical Instructor, Division of Endodontics, Harvard School of Dental Medicine

This course will allow participants to further their knowledge of current endodontic techniques and treatment concepts. Endodontics has undergone tremendous changes in the last decade and these new concepts dictate that we update our knowledge. Information and treatment options will be discussed in regards to local anesthesia and antibiotics in endodontics, diagnosis, instrumentation techniques and application of new technology and materials.

These are areas of endodontic treatment that will benefit your patients and practice on a daily basis!

Learning objectives:
• Understand diagnostic principles on an anatomic and cellular basis
• Review endodontic instrument systems and techniques
• Discuss endodontic approaches for use of local anesthesia and antibiotics
• Understand the application of new materials and technologies in endodontics
• Discuss treatment planning decision making for retreatments

Course Number: J14
Date: Wednesday, October 21st, 2015
Time: 9:00 a.m.–4:00 p.m.
Tuition: $295
Credit: 6 Hours—Lecture
AGD Code: 070
Orthodontics and Dentofacial Orthopedics for Adolescents and Adults: Segmental & Bidimensional Mechanics and Removable Orthopedic Devices

HANDS-ON COURSE—CLASS SIZE LIMITED

MARCEL KORN, D.M.D. Associate Clinical Professor, Tufts University School of Dental Medicine. Postgraduate Certificate in Orthodontics, Diplomate of the American Board of Orthodontics, member and president of the Angle Society of Orthodontists.

In this course, Dr. Marcel Korn will discuss an innovative philosophy of treatment planning for Permanent Dentition Cases and the Non-Surgical Treatment of Adults. This treatment method, which relies on segmental and bi-dimensional mechanics, will be described in detail and evaluated against pre-prescribed and straight wire techniques. Focus will be given to the inclusion of the musculature and muscular training in treatment. Both positive and negative contributions to outcomes will be featured through case presentations.

Modern orthodontics has benefitted greatly from the addition of high-tech systems which can simplify treatment and deliver esthetically pleasing results. Examples of such systems include invisible orthodontics, straight wire, pre-prescribed brackets and temporary anchorage devices (TADS). Many of these systems are marketed as “one size fits all” approaches which can help to simplify the life of the orthodontist. However, while these systems may be more efficient than past methods, it is not clear that they are always more effective.

By demonstrating the value of “old school” techniques like wire-bending and individualized mechanics, Dr. Korn will illustrate how new and old techniques can be combined in order to provide improved patient care outcomes. Participants will be given hands-on experience in custom wire-bending techniques and muscle training, with the goal of delivering individualized and focused treatment plans for each patient.

This two-day, hands-on course will include:

1. Adult Treatment:
   a. mandibular reposturing
   b. segmental mechanics
   c. removable orthopedic devices
   d. muscular training
   e. “TMJ” and “TMD” treatment

2. Bi-dimensional Bracketing
   a. Appliance prescription
   b. Philosophy of appliance design
   c. Choices in appliance design
   d. Bonding techniques

3. Segmental and Bi-dimensional Mechanics, Bi-dimensional Bracketing
   a. modular orthopedic and anchorage appliances
   b. segmental mechanics

4. Modular Anchorage and Reposturing Devices
   a. The bite plane
   b. The mini jig
   c. The IOA (Inter-Occlusal Appliance)

5. Hands-on Demonstration and Participation:
   a. molar rotators
   b. mini-jigs
   c. “IOA’s” (Inter Occlusal Appliances)
   d. full soft splints
   e. sectional-segmental wires

6. Practice Management, Marketing and Delivery
   a. the five P’s of marketing
   b. the four parts of management

Learning objectives:
• Understand the limitations of “one size fits all” orthodontic systems
• Develop knowledge of wire-bending and individualized mechanical orthodontic approaches
• Describe and teach muscular retraining techniques
• Develop the techniques necessary to provide individualized orthodontic care to adolescents and adults

Course Number: J8
Date: Saturday October 24th, and Sunday October 25th, 2015
Times: 9 a.m.–5 p.m. (both days)
Tuition: $495
Credit: 14 Hours—Participation
AGD Codes: 370, 371

To register visit dental.tufts.edu/ce or call 617.636.6629 17
Botulinum Toxin and Dermal Fillers—An All-Inclusive Cosmetic Course

HANDS-ON COURSE—CLASS SIZE LIMITED

CONSTANTINOS LASKARIDES, D.M.D., D.D.S., PHARM.D. Associate Professor, Department of Oral and Maxillofacial Surgery, Tufts University School of Dental Medicine, Diplomate of the American Board of Oral and Maxillofacial Surgery

We are proud to offer a university-based course so that eligible dentists can receive expert instruction in the use of botulinum toxin and dermal fillers for facial cosmetics. Participants will practice these techniques in cadavers and specially designed simulation heads. Ultimately there will be live patient care treatment in TUSDM’s state-of-the-art clinics under expert supervision.

Today’s practitioners have multiple choices for where to obtain this type of training, including many private CDE providers which host courses in hotel rooms or other similar locations. Here’s what sets the TUSDM course apart:

• The TUSDM course was created by a collaboration of board certified clinicians and experts in related fields (including maxillofacial surgeons, facial plastic surgeons, an anatomist, health related law attorneys, and insurance experts). It’s the only multidisciplinary facial cosmetic course under the auspices of Tufts University.

• The TUSDM course includes an innovative and extensive simulation lab that provides the opportunity to practice the techniques on both specially designed simulation heads and cadavers. It’s conducted in the Tufts Anatomy Lab under the direct supervision of facial cosmetic surgeons and a professor of anatomy.

• The simulation portion of the course is designed to give practitioners the ability to practice, understand and familiarize themselves with the techniques, under realistic conditions, before applying to real patients.

• The live patient care of the course is conducted in TUSDM’s state-of-the-art clinics, ensuring that patient safety is maintained and that participants receive an excellent clinical experience.

This 14 hour course is intended to fulfill the requirements of the Massachusetts BORID’s “Policy Advisory on the Use of Botulinum Toxins (Botox) and/or Dermal Fillers by Licensed Dentists” and combines online didactic material and a full-day in-person clinical and simulation session.

Participants will review facial esthetic assessment, standardized photographic documentation, anatomy, pharmacology, pathophysiology of facial aging, treatment planning, detailed technique analysis, product breakdown and analysis, strategies for avoidance and management of complications, legislature and liability issues, fee compensation options, and marketing strategies.

Participant Requirements:

• Be able to provide proof of malpractice insurance

• Be registered to practice dentistry in a state that permits the use of botulinum toxin and dermal fillers by dentists

• Be able to provide one patient for hands-on procedures. For any trainees who are not able to bring a patient to treat, there will be a live demonstration by one of the faculty

• Patients must be informed of all associated risks and complications and provide signed patient consent forms for treatment

COURSE ORGANIZATION:

Module One (Online): Multidisciplinary didactics—The first 7 hours of the course will consist of online didactic material. In the weeks prior to the course, participants will be given electronic access to the teaching material, compiled and created by multidisciplinary faculty, and will be expected to review this material closely. Participants will be required to take an online exam in order to demonstrate comprehension of the material, and must pass this exam in order to attend the hands-on portion of the course. The online format will allow for more time to digest and absorb the information from the comfort of your home or office.
Module Two (On-Site): Hands-on cadaver and medical models training and live patient treatment. Instructed and supervised by multidisciplinary faculty. There will be a brief Q&A session, during breakfast, so participants can clarify any possible questions and uncertainties.

Learning objectives:

- Understand the process of conducting patient risk assessment in relation to cosmetic facial treatment
- Have reviewed material pertaining to facial analysis and treatment planning of facial cosmetic procedures
- Learn techniques and principles of facial cosmetic injections
- Review relevant legislature and liability coverage for these procedures

Course Number: J15
Dates: Saturday, October 24th, 2015
Times: 8 a.m.-4 p.m. (Previous 7 hours conducted online)
Tuition: $2,495 (Doctors), $499 (Staff) (observation only)
CE Credits: 14 hours—Participation
AGD Code: 780
Improved Patient Care Through Lawsuit Protection and Prevention for Dentists

G. KENT MANGELSON, CFP, Senior Advisor, American Society for Asset Protection

In this course, G. Kent Mangelson, author of Protect Your Assets, The Asset Protection Bible, America’s Greatest Tax Secrets Revealed and Estate Planning Made Easy, will draw on over three decades of financial experience to help participants make sound financial decisions. Mr. Mangelson spoken at hundreds of conventions, conferences and seminars across the country, and has clients in all 50 US states.

Attendees will learn the strategies and tools the nation’s top law firms use to save their clients millions of dollars each year. This lecture provides solutions to three major problems: lawsuits, taxes, and probate.

Attendees will learn:
• How to make yourself unattractive to a plaintiff attorney so they will not pursue a lawsuit against you
• Five tax reduction strategies often missed by professionals and their advisors
• Tools you can use to pass assets to your heirs, tax free

Learning objectives:
• Understand how to structure businesses for lawsuit protection and prevention
• Learn strategies for reducing liability insurance costs
• Develop methods to reduce your tax footprint
• Understand how to create a successful estate and business succession plan

Course Number: J16
Date: Friday, October 30th, 2015
Time: 9:00 a.m. to 3:00 p.m.
Tuition: $195 (Doctor), $95 (Staff)
Credit: 5 Hours—Lecture
AGD Code: 552
Early Treatment of Malocclusion: A Simplified Approach to Diagnosis and Treatment

HANDS-ON COURSE—CLASS SIZE LIMITED

LEONARD CARAPEZZA, D.M.D. Associate Clinical Professor, Department of Pediatrics, Tufts University School of Dental Medicine. Private Practice, Wayland, MA.

In this two-day lecture and hands-on typodont-based course, Dr. Leonard Carapezza will draw on over 30 years of experience treating pediatric malocclusion in order to help course participants diagnose and treat malocclusion consistently and effectively. This course is designed for both pediatric and general dentists, and will include extensive opportunities to practice techniques on specialized typodonts (which will be provided to all participants at no additional cost).

This course will include discussion and workshops focused on:
• Diagnosis and Treatment Planning
• Classification Systems for Cl. I, Cl. II, Cl. III Malocclusions
• Early Treatment Mechano-Therapy
• Primary and mixed dentition arch development
• Basic and advanced utility arch-wire mechanics to achieve goals:
  o proper overbite
  o proper overjet
  o proper molar relationship
  o proper skeletal relationship
  o proper lip seal
• Serial guidance
• New paradigms in the pre-adjusted appliance

Day one of this course will feature lectures on theory and technique, while day two will focus on typodont workshops designed to give participants the ability to put these techniques into practice.

Learning objectives:
• Understand the taking of proper records, diagnosing and treatment planning of primary and early mixed dentition malocclusions
• Learn effective and efficient treatment techniques that can be used to redirect adverse growth patterns, develop dental arches, improve molar relationships and utilize preventive treatment techniques for common malocclusions
• Learn how to select and control the new paradigms of arch development
• Learn how to construct and manipulate basic and advanced utility arch wire mechanics

Course Number: J17
Date: Friday November 6th and Saturday November 7th
Times: 9 a.m.–5 p.m. (both days)
Tuition: $695
Credit: 14 Hours—Participation
AGD Code: 370, 371

To register visit dental.tufts.edu/ce or call 617.636.6629
Nitrous Oxide and Oxygen Sedation Course

HANDS-ON COURSE—CLASS SIZE LIMITED TO 16

MORTON B. ROSENBERG, D.M.D. Professor and Head, Division of Anesthesia and Pain Control, Department of Oral and Maxillofacial Surgery, Tufts University School of Dental Medicine; Associate Professor of Anesthesia, Tufts University School of Medicine

C.S. MALLER, D.M.D. Assistant Clinical Professor, Department of Oral and Maxillofacial Surgery, Tufts University School of Dental Medicine; Fellow, American Dental Society of Anesthesiology; Diplomate, American Dental Board of Anesthesiology

PATRICK D. McCARTY, D.D.S. Dr. McCarty provides sedation/anesthesia services in dental offices throughout Massachusetts and Rhode Island with McCarty Anesthesiology. In addition, he is on the Anesthesia Staff at the Franciscan Hospital for Children and serves as a Clinical Assistant Professor at the Boston University Goldman School of Dental Medicine, Department of Pediatric Dentistry

WILLIAM A. MACDONNELL, D.D.S. Assistant Clinical Professor, University of Connecticut School of Dental Medicine; Private Practice in Dental Anesthesia, West Hartford, CT

This course conforms to the American Dental Association (ADA) Guidelines for Teaching the Comprehensive Control of Anxiety and Pain in Dentistry. It therefore fulfills the educational requirements of the Massachusetts Board of Registration in Dentistry. Upon successful completion of a post-test, participants will receive documentation of course completion.

Prerequisite: Participants must be certified in CPR prior to registration.

Topics will include:
• Historical, philosophical, physiological, and psychological aspects of anxiety and pain control
• Patient evaluation, selection, monitoring, and records. The stages of drug-induced C.N.S. depression through all levels of consciousness and unconsciousness
• Review of pediatric and adult respiratory and circulatory physiology and related anatomy
• Pharmacology of agents used in inhalation sedation
• Indications and contraindications for use of inhalation sedation
• Review of dental procedures possible under inhalation sedation
• Prevention, recognition, and management of complications and life-threatening situations
• Administration of local anesthesia in conjunction with inhalation sedation techniques
• Introduction to potential health hazards of trace anesthetics
• Discussion of abuse potential and hallucinatory effects

Learning objectives:
• Describe the basic components of inhalation sedation equipment and their functions
• List and discuss the advantages and disadvantages of inhalation sedation
• List and discuss the indications and contraindications of inhalation sedation
• List the complications associated with inhalation sedation and discuss the prevention, recognition, and management of these complications
• Administer inhalation sedation to patients in a clinical setting in a safe and effective manner
• Discuss the abuse potential, occupational hazards, and other untoward effects of inhalation agents

Course Number: J18
Dates: Friday, November 6th, 2015, Saturday, November 7th, 2015
Times: Friday: 8:30 a.m.–5:30 p.m., Saturday: 8:00 a.m.–4:00 p.m.
Tuition: $1895 Doctor
Credit: 16 Hours—Participation
AGD Code: 132

This course fills quickly! Early registration recommended.
CAMBRA for the Private Practice: Profitable and Uncomplicated

PAMELA MARAGLIANO-MUNIZ, D.M.D.
Associate Clinical Professor, Tufts University School of Dental Medicine

If you have had trouble with implementing a caries management program, or are interested in doing so, then this is the course for you!

This course will consist of a lecture and an interactive seminar demonstrating the clinical application of caries management, from prevention of dental caries to treatment planning strategies based on caries risk. The role of risk factors in the caries process and useful, efficient risk management strategies will be introduced. Clinical results and the profit potential of a caries management program will be described.

Cases will be discussed in-depth and attendees will be able to participate in the evaluation of patients for caries risk, risk management and documentation. By the end of this course, you will have all of the tools and the knowledge to immediately implement a caries management program into your office!

Learning objectives:
- Recognize the profit potential of implementing a caries management program
- Understand the role of risk factors in the caries process
- Utilize preventive and treatment planning strategies to minimize caries risk
- Appreciate the improved clinical results that occur after implementation of a caries management program
- Learn how to implement CAMBRA in your private practice

Course Number: J19
Date: Friday, November 13th, 2015
Time: 9:00 a.m.–3:00 p.m.
Tuition: $295 (Doctor), $195 (Staff)
Credit: 5 Hours—Lecture
AGD Code: 011

To register visit dental.tufts.edu/ce or call 617.636.6629
Miniplate Anchorage for Midface Protraction in Class III Patients and Molar Distalization in Class II Cases

HUGO DE CLERCK, D.D.S., PH.D. From 1989 to 2006, Dr. De Clerck was Professor and Chairperson of the Department of Orthodontics at the Université Catholique de Louvain in Belgium. He is a former president of the Belgian Orthodontic Society and a Fellow of the Royal College of Surgeons in England. Currently, Dr. De Clerck is an Adjunct Professor at the University of North Carolina at Chapel Hill, and he maintains a private practice in Brussels, Belgium.

TUSDM is proud to host Dr. Hugo De Clerck as this year’s speaker as part of the annual Herbert I. Margolis Lectureship series. Dr. De Clerk’s lecture will address miniplate anchorage, molar distillation and biomechanical dynamics.

The main advantage of skeletal anchorage by modified miniplates is their fixation at a distance from the dental arch. This makes them very suitable for distal movement of the complete upper arch in class II treatment without extraction of premolars. This can be done by sliding mechanics along light archwires by simultaneous ‘en masse’ retraction of small or large groups of teeth. For optimal efficiency, good control of the vertical dimension is needed.

Furthermore, miniplates resist high discontinuous forces better than mini-screws do. Therefore they can be used for intermaxillary orthopedic traction. Class III elastics can be fixed between Bollard anchors on the skeletal base of the maxilla and mandible of young growing patients. Can the growth of the maxilla and/or mandible be stimulated, restricted or redirected? Which biomechanical approach should be used? The results of this continuous pure orthopedic traction will be discussed based on a Cone-beam CT at T1 and T2, registered on the anterior cranial base. The outcome will be compared to a control group and face mask orthopedics.

The surgical procedure will be discussed in detail, in terms of selecting the best location for inserting the miniplates and screws, which type of miniplate to choose, the incision of the soft tissues, instructions for the patients, initial orthopedic loading, how to deal with complications and how to prevent them.

Lecture 1: Class II malocclusion without extractions – molar distalization with sliding mechanics: tooth by tooth or ‘en masse’ movement.

Lecture 2: Class II malocclusion without extractions: an alternative for orthognathic surgery? Surgical procedure for Bollard miniplate insertions and how to deal with complications.

Lecture 3: Class III orthopedics: principles and orthodontic protocol.

Lecture 4: Class III orthopedics: treatment outcomes.

Learning objectives:
• Understand how modified miniplates can be utilized in treatment
• Review the differences between miniplate and miniscrew treatments
• Improve understanding of biomechanical forces in orthodontic treatment

Course Number: J20
Date: Friday, November 20th, 2015
Time: 9:00 a.m.–4:00 p.m.
Tuition: $195
Credit: 6 Hours—Lecture
AGD Code: 370
Noise-induced Hearing Loss in Dentistry: Facts, Concerns, and a Novel Solution

SAM S. SHAMARDI, D.M.D. Clinical Professor, Harvard School of Dental Medicine, Department of Periodontology. Diplomate-American Board of Periodontology. Private Practice, Boston, MA.

Noise-induced hearing loss is a significant occupational work hazard in multiple fields, and dentistry is high on that list! In fact, noise-induced hearing loss is the second most common occupational illness today.

Today’s dental clinicians are exposed each day to high frequency and high decibel sound environments, leading many to develop permanent hearing issues over the years. Noise-induced hearing loss can result in permanent, irreparable damage, and by the time symptoms show, the damage is often too late.

This course will examine the factors and statistics behind this troubling trend along with literature and research illustrating the severity of this issue in the dental environment. Participants will be shown methods for reducing hearing loss, including via the use of a novel technology designed to reduce hearing loss for dental practitioners, and reduce noise stimulus for nervous patients.

Learning objectives:
• Understand the facts and statistics regarding noise-induced hearing loss in dentistry
• Review significant articles in the dental literature highlighting this issue over the past 40 years
• Understand how even minor damage can lead to permanent long-term hearing loss
• Understand new technologies that can potential reduce noise exposure and hearing loss in dental practices

Course Number: J21
Date: Saturday, December 5th, 2015
Time: 9:00 a.m. to 12:00 p.m.
Tuition: $125 (Doctor), $75 (Staff)
Credit: 3 Hours—Lecture
AGD Code: 553
Minimally Traumatic Extraction and Basic Bone Grafting Techniques for Alveolar Ridge Preservation

HANDS-ON COURSE—CLASS SIZE LIMITED

EMILIO ARGUELLO, D.D.S., M.SC. Clinical Director of Postgraduate Periodontology, Harvard University School of Dental Medicine; Former Assistant Professor, Department of Periodontology, Tufts University School of Dental Medicine; Private Practice, Denver, Colorado, limited to periodontics.

EDUARDO MARCUSCHAMER, D.D.S. Visiting Professor, Department of Periodontology, Tufts University School of Dental Medicine; Private Practice, Denver, Colorado, limited to periodontics.

This course is designed for the practitioner who would like to further understand and learn minimally traumatic tooth extraction techniques and alveolar ridge preservation procedures. In this hands-on course, participants will learn techniques to preserve the original bone volume during and after the tooth extraction in order to minimize the necessity for more complex procedures. These techniques will improve the outcomes of restorative treatments, such as complete dentures, removable partial dentures and conventional fixed partial dentures. Most importantly, participants will be able to preserve the necessary bone volume of the edentulous ridge for the proper placement of a dental implant, thereby minimizing the need for additional bone repair procedures.

This course will provide a hands-on experience regarding current trends on minimally traumatic tooth extractions and alveolar ridge preservation, through work with surgical models and a tissue management exercise on pig jaws. Participants will have the opportunity to execute different minimally traumatic extraction techniques and perform surgical flaps, bone grafting procedures, and suturing techniques on porcine jaws and specifically designed models. A take-home video demonstration of the hands-on practice will also be provided.

Learning objectives:
• Understand the natural remodeling of the alveolar ridge following a tooth extraction
• Recognize different techniques to extract teeth using a minimally traumatic approach
• Describe the basic concepts of alveolar ridge preservation
• Review basic concepts of flap design and flap management for alveolar ridge preservation
• Understand different suturing techniques utilized in alveolar ridge preservation
• Discuss the different commercial materials available for alveolar ridge and bone grafting

Course Number: J22
Date: Saturday, December 5th, 2015
Time: 9:00 a.m.–5:00 p.m.
Tuition: $550 Doctor (Course materials included)
Credit: 7 Hours—Participation
AGD CODE: 310

Sign up for both Minimally Traumatic Extractions (12/5) and Crown Lengthening (12/6) to receive $100 off your total registration fees!
Crown Lengthening Workshop
HANDS-ON COURSE—CLASS SIZE LIMITED

EMILIO ARGUELLO, D.D.S., M.S.C. Clinical Director of Postgraduate Periodontology, Harvard University School of Dental Medicine; Former Assistant Professor, Department of Periodontology, Tufts University School of Dental Medicine; Private Practice, Denver, Colorado, limited to periodontics.

EDUARDO MARCUSCHAMER, D.D.S. Visiting Professor, Department of Periodontology, Tufts University School of Dental Medicine; Private Practice, Denver, Colorado, limited to periodontics.

This course will provide participants with a maximum “hands-on” experience. The course is designed to provide the dentist with all the principles of hard and soft tissue surgery necessary to plan and carry out crown lengthening procedures. The instructors will cover indications, contraindications, and methods of managing surrounding bone.

Topics to be covered include: how to handle hard and soft tissues; proper surgical techniques; preservation of esthetics and final tissue contours, including the relocation of all structures that comprise the biologic width, such as sulcus, junctional epithelium, connective tissue fibers, and bone.

The “hands-on” experience includes flap surgery with pig jaws, plus bone surgery and suturing techniques on anatomical models under close supervision of experienced periodontists. It is coupled with a video demonstration of the surgical technique and a detailed slide presentation.

Crown lengthening is one of the most commonly required procedures in operative dentistry. Relocation of the structures comprising the biologic width requires varying degrees of soft and hard tissue removal. Dentists who want to do some or most of their own crown lengthening, or those who just want to know more about the subject, will benefit from this course.

Learning objectives:
• Diagnosing esthetic crown lengthening
• Determining when to perform crown lengthening and when to extract
• Understanding post-operative management
• Understanding and treating the gummy smile
• Practice making predictable impressions every time
• Learn why crowns come loose and how to prevent loosening
• Learn to coordinate surgery with restorative procedures

This is a stand-alone course that will allow you to do many of your own crown lengthening cases. If you choose not to do your cases, it will help you understand the principles. Most important, you do not need to have taken previous periodontal courses or have surgical experience to benefit from this workshop.

Course Number: J23
Date: Sunday, December 6th, 2015
Time: 9:00 a.m.–4:00 p.m.
Tuition: $550 Doctor (Course materials and model included)
Credit: 6 Hours—Participation
AGD Code: 490

**Sign up for both Minimally Traumatic Extractions (12/5) and Crown Lengthening (12/6) to receive $100 off your total registration fees!**
TUSDM CE Travel

SEPTEMBER 9–13, 2015
NAPA WINE TOUR AND CE
$2,095 pp
6 CEU’s presented by UNLV

FEBRUARY 2–14, 2016
AUSTRALIA/NEW ZEALAND CRUISE
Aboard Celebrity Solstice
Cruise Prices Starting At $1,899 pp
16 CEU’s presented by Dr. Howard Glazer

JUNE 2016
BAVARIA—GERMANY AND SWITZERLAND LAND TOUR
12 CEU’s presented by University at Buffalo’s School of Dental Medicine
Details Coming Soon!

SUMMER 2016
ALASKA CE CRUISE
Details Coming Soon

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dental.tufts.edu/travel-learn
INFORMATION

Registration
Applications for registration will be processed in the order received and must be accompanied by full tuition at least ten days in advance of the course, some exceptions may apply. Maximum and minimum enrollments apply. Early registration is recommended. You can register online or over the phone.

Register Online
To register online visit dental.tufts.edu/ce. Please note that during the registration process you will be directed to our secure online payment gateway where you will process your payment. You may also register online and make your payment over the phone by calling 617.636.6629.

Register over the phone
Call 617.636.6629 to register and pay using your credit card.

Written confirmation of your registration will be e-mailed or mailed upon receipt of payment. If confirmation is not received, please contact our office before attending the course.

Register by mail
Please mail registration form along with your check or credit card information to the address below.

Tufts University School of Dental Medicine
Division of Continuing Education
One Kneeland Street, 14th Floor
Boston, MA 02111

We accept Visa, MasterCard and Discover. Please make checks payable to Trustees of Tufts College.

Written confirmation of your registration will be e-mailed or mailed upon receipt of payment. If confirmation is not received, please contact our office before attending the course.

Enrollment and Cancellation Policy
The Division of Continuing Education reserves the right to end registration when enrollment limit is reached and to cancel, modify, or alter content or faculty for any course if circumstances indicate the need for such a change. If the school finds it necessary to cancel a course, a full refund will be granted. All attempts to contact registrants will be made as soon as possible in the event of a course cancellation. The school will not be held responsible for any losses due to travel arrangements made by the registrant.

In the event of inclement weather (such as a snow emergency) or other extenuating circumstances, the Division of Continuing Education may be forced to cancel a course. If a course has been cancelled, we will contact participants by the phone number and/or email address provided. You may call or email our office on the day of the course if you are uncertain of a course’s status.

Refunds
Full tuition refund or credit will be given for cancellations received at least two weeks prior to course date. Refunds or tuition credit will not be issued for:
• Cancellations with less than 48-hour notice
• Participant no-shows

Location and Time
Course check-in takes place on the 14th Floor of Tufts Dental School, 30 minutes prior to the listed course time. For directions to the dental school, please see page 31.

Course Meals
A continental breakfast is provided for all courses except evening courses. Lunch is provided for all full-day courses unless noted on course description. If you have dietary restrictions, please call or email us at least one week prior to the course date.

Accommodations
The hotels listed on the next page are within walking distance of the Tufts University School of Dental Medicine and offer a Tufts rate to program participants.

Because rates vary depending on availability, please book your room early.
Tape Recordings and Photographs
Participants are not allowed to record or photograph any materials without the express permission of the Division of Continuing Education.

Conflict of Interest
Tufts University School of Dental Medicine’s Division of Continuing Education has an obligation to disseminate new knowledge related to the dental profession. Consequently, some presentations may include controversial material or commercial references. Educational grants received for dental continuing education courses offered by Tufts University School of Dental Medicine do not necessarily imply endorsement of a particular philosophy, procedure, or product by this institution.

Tufts University School of Dental Medicine is an ADA CERP Recognized Provider. Approval Date 11/11–12/15.

ADA CERP does not approve or endorse individual courses or instructors, nor does it imply acceptance of credit hours by boards of dentistry.

Concerns or complaints about a CE provider may be directed to the provider or to ADA CERP or ada.org/goto/cerp.

Tufts University School of Dental Medicine designates the activities included in this catalog for the number of continuing education credits indicated on each course description.

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.

Parking
Parking is available at the Tufts Medical Center parking facility located on Tremont Street. Parking is $20.00 per day with validation.
Driving Directions

From the North:
From the Central Artery/I-93 South-bound, take Exit 20-A (South Station) onto Purchase Street. Continue along Purchase Street, which becomes Surface Artery, to Kneeland Street. Turn right onto Kneeland Street. The Dental School is on the corner of Washington Street and Kneeland Street.

From the South:
From I-93 northbound, take Exit 20. Once on the Exit 20 ramp, follow the signs to South Station by staying straight and going past the left-hand exit to 90 East. Approximately 1/4 mile past the 90 East ramp, the two lanes of the ramp will split again. Take the South Station/Chinatown route to the left. Once on the path to South Station, take a left at the second signal light (at Kneeland Street) toward Chinatown. The Dental School is on the corner of Washington Street and Kneeland Street.

From the West:
From the Massachusetts Turnpike East I-90, take Exit 24A towards South Station. Turn left onto Kneeland Street. The Dental School is on the corner of Washington Street and Kneeland Street.

Interactive map can be found at http://campusmaps.tufts.edu/boston

Please Note: Parking arrangements are not made directly with Tufts University School of Dental Medicine.
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Tuition Specials

SENIOR CITIZEN DISCOUNT
Doctors 65 years of age or older may receive $75 off one eligible course per calendar year.

ALUMNI ASSOCIATION SPECIAL
Current members of the TUSDM Alumni Association may receive $75 off one eligible course per calendar year.

*Please note that to be eligible for this discount participants must be up to date with their annual Alumni Association dues.

 Alumni who graduated in the past two years may automatically be members. To find out more about your status, or to become an Alumni Association member, please call 617.636.6773.

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NOT TO BE MISSED...

Botulinum Toxin and Dermal Fillers: A “Refresher” Course for Experienced Clinicians
September 26th, 2015
CONSTANTINOS LASKARIDES, DMD, DDS, PHARM.D.

Simplifying The Restorative Dentist’s Role in Implant Dentistry: An Economical Approach
October 9th, 2015
ALLEN SCHNEIDER, D.D.S., FAGD, DICOI

Capture the Perfect Smile and Prepare Effective Marketing Material for your Practice: Digital Photography Techniques for Clinical and Marketing Purposes
October 10th, 2015
RITA BAUER, DIGITAL PHOTOGRAPHY EXPERT, UNIVERSITY OF TORONTO

Noise-induced Hearing Loss in Dentistry: Facts, Concerns, and a Novel Solution
December 5th, 2015
SAM S. SHAMARDI, D.M.D.