



Tufts
UNIVERSITY

School of
Dental Medicine

Continuing Education Course Catalogue

Spring
2009

calendar

MARCH

- 6 Radiology Certification Course*
- 13-14 Nitrous Oxide Certification Course*
- 18 Dental Update for the Entire Team: Medical Emergencies
- 20 Cone Beam CT Guided Implant Planning*
- 21 New Advances in Implant Overdentures: Happiness Through Simplification*
- 25 Pain and Anxiety Control for the General Practitioner
- 27 Six Clinical Habits of Highly Effective Dentists

APRIL

- 1 Non-Invasive Facial Cosmetic Procedures
- 4 Crown Lengthening Workshop*
- 15 Treating Medical Emergencies in the Dental Office*
- 15 Oral Surgery Workshop for the General Practitioner*
- 17 The Biologic Imperatives of Endodontics and Implantology: Fashioning a Risk Assessment Algorithm
- 18 Lasers in Periodontics and Restorative Dentistry*
- 22 Everyday Periodontics for the General Dentist - Dental Hygienist Team
- 24 Recipes for Predictable Anterior Esthetics
- 29 Current Concepts, Issues and Controversies in Clinical Dentistry: Commonsense Answers and Approaches for a More Efficacious Dental Practice

MAY

- 1 Legal Information Every Dentist Needs to Know
- 6 Full Arch Rehabilitations: How to Create Complete Dentures - From Basics to Current Standards
- 8 Technology and Implant Treatment Planning
- 9 The Art and Science of Porcelain Laminate Veneers*
- 13 The Fully Integrated Digital Dental Practice
- 20 Dental Update for the Entire Team: Medical Emergencies
- 22 Prosthetic Updates for the 21st Century
- 27 Implant Restorations in Everyday Dentistry: Making Decisions About Successful Use of Implants
- 29 Management of the Medically Compromised Dental Patient
- 29-30 Enteral (Oral) Sedation for the General Practitioner*

JUNE

- 3 Risk Management: Record Keeping and Informed Consent
- 5 Fourth Annual Oral Cancer Symposium
- 6 Real World Endo® *presents* The Endo-Restorative Continuum*

* *Indicates hands-on course.*

Tufts
UNIVERSITY

School of
Dental Medicine

One Kneeland Street

Boston, MA 02111

Phone: (617) 636-6629

Fax: (617) 636-0800

<http://dental.tufts.edu/ce>



Vangel R. Zissi, D.M.D.

Director



Paige K. Ambrose

Associate Director



Crystal L. Krajewski

Conference Coordinator

mission

As dental professionals, you are inundated with information on the latest materials and techniques in dentistry. The mission of Tufts University School of Dental Medicine's Division of Continuing Education is to provide educational programs that will help dental care providers sift through all of this information and find the best tools and techniques for your professional needs.

We are particularly proud of our course offerings this spring. As always, we are featuring world-renowned instructors, innovative hands-on sessions, advanced level programs, and courses for the entire dental team. Our goal is to deliver pragmatic continuing dental education that will help you meet the challenges of daily practice. If we may assist you in any way, please call our office at (617) 636-6629.

We invite you to participate in our spring 2009 course offerings and thank you for your continued support of life-long learning.

Vangel R. Zissi, D.M.D.
Director, Continuing Education

contents

ENDODONTICS

- 7 The Biologic Imperatives of Endodontics and Implantology: Fashioning a Risk Assessment Algorithm
- 18 Real World Endo® *presents* The Endo-Restorative Continuum*

ESTHETICS

- 5 Non-Invasive Facial Cosmetic Procedures
- 10 Recipes for Predictable Anterior Esthetics

IMPLANT DENTISTRY

- 3 New Advances in Implant Overdentures: Happiness Through Simplification*
- 4 Cone Beam CT Guided Implant Planning*
- 12 Technology and Implant Treatment Planning
- 15 Implant Restorations in Everyday Dentistry: Making Decisions About Successful Use of Implants

ORAL PATHOLOGY

- 16 Management of the Medically Compromised Dental Patient
- 19 Fourth Annual Oral Cancer Symposium

ORAL SURGERY

- 4 Cone Beam CT Guided Implant Planning*
- 8 Oral Surgery Workshop for the General Practitioner*

PERIODONTICS

- 4 Cone Beam CT Guided Implant Planning*
- 7 Crown Lengthening Workshop*
- 9 Lasers in Periodontics and Restorative Dentistry*
- 9 Everyday Periodontics for the General Dentist - Dental Hygienist Team
- 12 Technology and Implant Treatment Planning

PROSTHODONTICS

- 3 New Advances in Implant Overdentures: Happiness Through Simplification*
- 4 Cone Beam CT Guided Implant Planning*
- 10 Recipes for Predictable Anterior Esthetics
- 13 Full Arch Rehabilitations: How to Create Complete Dentures - From Basics to Current Standards
- 13 The Art and Science of Porcelain Laminate Veneers*
- 15 Prosthetic Updates for the 21st Century

PRACTICE MANAGEMENT

- 11 Legal Information Every Dentist Needs to Know
- 14 The Fully Integrated Digital Dental Practice
- 18 Risk Management: Record Keeping and Informed Consent

RESTORATIVE

- 4 Cone Beam CT Guided Implant Planning*
- 6 Six Clinical Habits of Highly Effective Dentists
- 9 Lasers in Periodontics and Restorative Dentistry*
- 13 The Art and Science of Porcelain Laminate Veneers*

SUPPLEMENTAL

- 2 Nitrous Oxide Certification Course*
- 3, 14 Dental Update for the Entire Team: Medical Emergencies
- 5 Pain and Anxiety Control for the General Practitioner
- 5 Non-Invasive Facial Cosmetic Procedures
- 8 Treating Medical Emergencies in the Dental Office*
- 11 Current Concepts, Issues and Controversies in Clinical Dentistry: Commonsense Answers and Approaches for a More Efficacious Dental Practice
- 16 Management of the Medically Compromised Dental Patient
- 17 Enteral (Oral) Sedation for the General Practitioner*
- 19 Fourth Annual Oral Cancer Symposium

AUXILIARY/HYGIENIST/OFFICE STAFF

- 2 Radiology Certification Course*
- 3, 14 Dental Update for the Entire Team: Medical Emergencies
- 5 Pain and Anxiety Control for the General Practitioner
- 5 Non-Invasive Facial Cosmetic Procedures
- 6 Six Clinical Habits of Highly Effective Dentists
- 7 The Biologic Imperatives of Endodontics and Implantology: Fashioning a Risk Assessment Algorithm
- 8 Treating Medical Emergencies in the Dental Office*
- 8 Oral Surgery Workshop for the General Practitioner*
- 9 Lasers in Periodontics and Restorative Dentistry*
- 9 Everyday Periodontics for the General Dentist - Dental Hygienist Team
- 10 Recipes for Predictable Anterior Esthetics
- 11 Current Concepts, Issues and Controversies in Clinical Dentistry: Commonsense Answers and Approaches for a More Efficacious Dental Practice
- 11 Legal Information Every Dentist Needs to Know
- 12 Technology and Implant Treatment Planning
- 13 Full Arch Rehabilitations: How to Create Complete Dentures - From Basics to Current Standards
- 14 The Fully Integrated Digital Dental Practice
- 15 Prosthetic Updates for the 21st Century
- 15 Implant Restorations in Everyday Dentistry: Making Decisions About Successful Use of Implants
- 16 Management of the Medically Compromised Dental Patient
- 18 Risk Management: Record Keeping and Informed Consent
- 18 Real World Endo® *presents* The Endo-Restorative Continuum*
- 19 Fourth Annual Oral Cancer Symposium

* Indicates hands-on course.

F-31

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

RICHARD W. SHEA, D.M.D. Assistant Clinical Professor, Division of Oral and Maxillofacial Radiology, Tufts University School of Dental Medicine

BRIAN M. SHEA, D.M.D. Former Clinical Instructor, Division of Oral and Maxillofacial Radiology, Tufts University School of Dental Medicine

MICHAEL PUTT, D.M.D. Private Practice, Wayland, MA

SHANNON MELOON BALLETO, C.D.A., B.S. Infection Control Administrator, Tufts University School of Dental Medicine

Pre-Requisite: 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 for more information.

The lecture session includes:
X-ray properties and the generation of X-rays
Radiation protection
Radiation biology
Darkroom procedures
Intraoral radiographic techniques
Technique/processing errors and troubleshooting
Extraoral radiography and panoramic radiography
Direct digital radiography for dentistry

The clinical session includes:
Written examination
Demonstration of intraoral techniques
Practical exercise on phantoms
Developing and reviewing films

Mandatory Lecture: Friday, March 6, 2009,
9:00 am – 5:00 pm

Choice of:

Clinical Session I - Saturday, March 7, 2009,
9:00 am – 5:00 pm or

Clinical Session II - Saturday, March 14, 2009,
9:00 am – 5:00 pm or

Clinical Session III - Saturday, March 21, 2009,
9:00 am – 5:00 pm

Tuition: \$210 (continental breakfasts and handbook included)

Credit: 16 Hours - Lecture/Participation

Note: Preference for the clinical session must be specified on registration form. Registration is available on a first come, first served basis. This course meets the requirements of the Commonwealth of Massachusetts Board of Dentistry. It also meets 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.

F-32

Nitrous Oxide Certification Course

HANDS-ON COURSE - CLASS SIZE LIMITED TO 15

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

This course conforms to the 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.

Pre-requisite: 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

Upon completion of this course, participants will be able to:

- 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

Dates: Friday - Saturday, March 13-14, 2009

Time: Friday: 8:30 am – 5:00 pm,

Saturday: 8:00 am – 3:00 pm

Tuition: \$1395 Doctor (continental breakfasts and luncheons included)

Credit: 14 Hours - Lecture/Participation

AGD Code: 132

F-33

Dental Update for the Entire Team: Medical Emergencies

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

This course will address the prevention and management of medical emergencies in the dental office.

Topics will include:

- Treating the patient with a history of heart disease
- Treating the diabetic and those with endocrine problems
- Syncope, shock, M.I., and cardiac arrest
- Seizures (etiology and treatment), bleeding disorders
- Drugs that affect the incidence of emergency problems
- Drugs used to treat emergencies and suggested medications to keep available in the office
- Management of the allergic reaction
- Patient monitoring

Date: Wednesday, March 18, 2009

Time: 9:00 am – 12:00 pm

Tuition: \$150 Doctor; \$99 Auxiliary/Hygienist/Staff (continental breakfast included)

Credit: 3 Hours - Lecture

AGD Code: 142

It is important that your
office is *always* prepared for
a *medical emergency!!!*

F-35

New Advances in Implant Overdentures: Happiness Through Simplification

HANDS-ON COURSE - CLASS SIZE LIMITED TO 22

ALLEN L. SCHNEIDER, D.D.S., F.A.G.D. Adjunct Instructor, Department of Prosthodontics and Operative Dentistry, Tufts University School of Dental Medicine; Consultant, Martinsburg Veteran's Administration Hospital; Lecturer, AGD Mastership Program; Private Practice Emphasizing Implant Dentistry, Springfield, VA

Attachment retained/bar retained implant overdentures are one of the most cost-effective, successful, and appreciated treatment modalities for reconstructing the fully edentulous patient. Learn how to diagnose, treatment plan, fabricate surgical stents, implant impression techniques, customize a fee schedule so you never lose income, as well as work with overdenture attachments. Participants will learn how to easily change attachments in 7 seconds or less.

This detailed overdenture program will, via slides and hands-on practical experience, enable the restorative clinician to implement the new revolutionary Locator Attachment assembly (from Zest Corporation) into his or her everyday practice.

This generic implant course will focus on both the external hex and internal Morse taper implant designs. Each participant will be able to keep the teaching manuals, models, and prosthetic appliance he or she fabricates, for use as a demonstration aid for patient education.

Date: Saturday, March 21, 2009

Time: 9:00 am – 5:00 pm

Tuition: \$365 Doctor (sample materials, continental breakfast and luncheon included)

Credits: 7 Hours - Participation

AGD Code: 673/690

Register early;
this course has sold out
ten years in a row!



Please contact the Division Of Continuing Education for a list of sponsors.



special course offering

F-34

Cone Beam CT Guided Implant Planning

HANDS-ON COURSE - CLASS SIZE LIMITED TO 24

ROBERT ANGORN, D.M.D. Owner, Melrose Dental Radiology Laboratory; Diplomate, American Board of Orthodontics; Private Practice Limited to Orthodontics, Melrose, MA

CHRISTIAN VILLARROEL and staff (EasyGuide Dental Implant Planning and Placement System)

Cone Beam CT has transformed the conventional methods of dental implant treatment planning and surgery and is rapidly becoming the diagnostic standard of care for implant placement.

This program is designed for dentists and auxiliaries who want to understand how Cone Beam CT technology serves as a basis for using CT guided implants. Anyone interested to learn more about CT guided implant planning and the EasyGuide system will benefit from this program. The program will also be of value to dentists using other CT guided implant systems.

The morning session will provide you with in depth information on Cone Beam CT and demonstrate the benefits of using this in your practice.

This session will cover:

- The Difference Between Cone Beam CTs and Medical CTs
- Discussion of the Various Cone Beam Scanners
- Scan Acquisition
- Radiation Dosage
- Reconstruction of Raw Data
- Multiplanar Reformatting of Images
- 3D-Imaging
- Clinical Applications for Impactions, Pathology, and TMJ
- Understanding Lab Transmission of Digital Data to Offices, Labs, and Companies via Dicom 3 CDs, Internet, Email, and Hardcopy
- HIPAA Compliance and Legal Issues

An iCATVision CD with patient data will be distributed to each participant and we will guide you through reformatting a scan.

The **afternoon** session will be an in depth hands-on presentation of the EasyGuide system with a focus on the EasyGuide protocol. This highly interactive program will feature case presentations, video, and hands-on use of the EasyGuide system on a laptop computer.

Participants should bring their own laptop computers along with selected cases for evaluation and diagnosis. All cases that are brought to the course must be saved to a disk in raw DICOM format, uncompressed. For questions on this please contact the Tufts Division of Continuing Education. Cases will be provided for a hands-on session as well. If you should choose not to bring a personal laptop, we will provide 12- laptops with two participants per computer.

At the end of this program, you should be able to:

- Prescribe a Scan for Your Patient
- Understand and Utilize Cone Beam Technology
- Understand and Utilize the EasyGuide System

Date: Friday, March 20, 2009

Time: 9:00 am – 4:00 pm

Tuition: \$295 Doctor (continental breakfast and luncheon included)

Credit: 6 Hours - Lecture/Participation

AGD Code: 310/610/690

This course is sponsored in part by an unrestricted educational grant from Keystone Dental, Inc.

F-36

Pain and Anxiety Control for the General Practitioner

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

MICHAEL THOMPSON, Ph.D. Associate Professor, Department of General Dentistry, Tufts University School of Dental Medicine

This course will provide a refresher, overview, and update of the spectrum of pain and anxiety control in dentistry. The general dentist will acquire an understanding of the pharmacological strategies available to treat patients — both pediatric and adult — before, during, and after comprehensive dental care.

This course will cover:

- Local anesthesia pharmacology and technique
- Oral (enteral) sedation
- Nitrous oxide-oxygen sedation, and other advanced techniques
- Post operative pain control

Date: Wednesday, March 25, 2009

Time: 9:00 am – 4:00 pm

Tuition: \$265 Doctor; \$135 Auxiliary/Hygienist/Staff (continental breakfast and luncheon included)

Credit: 6 Hours - Lecture

AGD Code: 132/153



F-38

Non-Invasive Facial Cosmetic Procedures

CONSTANTINOS LASKARIDES, D.M.D., Ph.D. Assistant Professor and Course Director, Department of Oral and Maxillofacial Surgery, Tufts University School of Dental Medicine; Diplomate, American Board of Oral and Maxillofacial Surgery; Fellow, American Association of Oral and Maxillofacial Surgeons

Nowadays there is an astonishing increase in demand for non-invasive facial cosmetic procedures. This presentation will cover the most popular non-invasive facial cosmetic procedures like chemical denervation (Botulinum Toxin), the use of resorbable and semi-permanent fillers, treatment of facial scars, laser facial skin rejuvenation and facial chemical peels in all aspects.

Mechanism of action, relative anatomy, patient selection, treatment planning, modality selection, detailed technique description, risks and complications (including their management) will be thoroughly discussed.

At the end of the presentation there will be a live demonstration of Botulinum Toxin application. The participants will be able to observe live patient evaluation, reconstitution of the solution to appropriate concentration, choice of appropriate instrumentation and disposables, pain management, area mapping and disinfection, injections and review of post-operative instructions.

After the course the participant should be able to:

- Understand the mechanism of action, relative anatomic considerations and physics of the various methods discussed.
- Apply proper patient selection and technique selection to optimize cosmetic results.
- Comprehend the multiple particularities and details that pertain to each facial cosmetic procedure.
- Discuss the full range of risks and complications that are related with each technique.
- For the live demonstration: Appreciate all the details relevant to preparation and execution of chemical denervation with Botulinum Toxin as well as pre-operative and post-operative essentials.

Date: Wednesday, April 1, 2009

Time: 9:00 am – 1:00 pm

Tuition: \$165 Doctor; \$99 Auxiliary/Hygienist/Staff (continental breakfast included)

Credit: 4 Hours – Lecture

AGD Code: 770



special course offering

F-37

Six Clinical Habits of Highly Effective Dentists

BRIAN B. NOVÝ, D.D.S. Assistant Professor of Restorative Dentistry, Loma Linda University School of Dentistry; Private Practice in Newhall, California; Vice President, Foundation for Worldwide Health; Consultant, GC America, Inc. and Kerr Corporation; Member, World Congress of Minimally Invasive Dentistry, American Institute of Oral Biology, Academy of Operative Dentistry, Academy of General Dentistry; International Lecturer

Many clinicians are under the false assumption that “Minimally Invasive” means “Wait and Watch.” In actuality, minimally invasive dentistry focuses on intercepting the caries process medically *and* surgically. This course provides an in depth look at the current understanding of dental caries, and how to treat lesions using medical and surgical models. Emphasis will be placed on novel treatments for caries and how to effectively manage high caries risk patients.

Topics to be discussed include:

- The etiology of dental caries in the past and how our understanding has changed during the past fifteen years
- Caries risk assessments
- The use of traditional caries treatments and their limitations
- Novel antimicrobials such as xylitol, casein derivatives, povidone iodine, sodium bicarbonate, and nutraceuticals
- Selection of restorative materials for high caries risk patients
- Long term management of patients to prevent future caries infection

Participants will learn how to:

- Identify risk factors for high caries risk patients
- Effectively intervene medically in the caries process
- Indicate when, where, and how to use appropriate restorative materials
- Control rampant caries with minimally invasive esthetic restorations
- Improve the prognosis of restorative work in all patients

Date: Friday, March 27, 2009

Time: 9:00 am – 4:00 pm

Tuition: \$295 Doctor; \$135 Auxiliary/Hygienist/Staff (continental breakfast and luncheon included)

Credit: 6 Hours - Lecture

AGD Code: 250/550

This course is sponsored in part by an unrestricted educational grant from GC America Inc.

F-39

Crown Lengthening Workshop

HANDS-ON COURSE - CLASS SIZE LIMITED TO 24

EMILIO ARGUELLO, D.D.S., M.Sc. Assistant Professor, Department of Periodontology, Tufts University School of Dental Medicine

CATHERINE MOSHIRFAR, D.M.D. Private Practice, Swampscott, MA

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 extension 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 extension 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 extensions, or those who just want to know more about the subject, will benefit from this course.

Learning objectives:

- Diagnosing esthetic crown lengthening
- When to perform crown lengthening and when to extract
- Post-operative management
- Understanding and treating the gummy smile
- Making predictable impressions every time
- Learn why crowns come loose and how to prevent loosening
- Save chair time and be more profitable
- Understand causes of red gum tissue around crown margins
- 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 perio courses or have surgical experience to benefit from this workshop.

Course materials and a take home model are included in this fee.

Date: Saturday, April 4, 2009

Time: 9:00 am – 4:00 pm

Tuition: \$525 Doctor (continental breakfast, luncheon and model included)

Credit: 6 Hours - Participation

AGD Code: 490

**This exciting course has
sold out four years in a row!**

F-41

The Biologic Imperatives of Endodontics and Implantology: Fashioning a Risk Assessment Algorithm

KENNETH S. SEROTA, D.D.S., M.M.Sc. Recipient, American Association of Endodontics Memorial Research Award; Fellow, Pierre Fauchard Academy, Academy of Dentistry International; Member, Editorial Board of Endodontic Practice, Endodontic Tribune and Implant Tribune; Founder, ROOTS an Online Educational Forum

The functional success rates for endodontically treated teeth are without equal. As it is manifest that a natural tooth is preferable to an orthobiologic replacement; it is therefore incumbent on the practitioner to be familiar with what is possible in terms of maintaining a natural tooth. The success rates of primary treatment, retreatment and micro-surgical retreatment of non-surgical retreatment are equally as significant as those for implants. Given the disparity between the implant and endodontic re-treatment literature and the lack of data-based results regarding indications and contraindications for the use of one or the other, treatment planning is a daunting and complex endeavor. There is a need for a meaningful algorithm to provide the clinician a risk assessment prognosis analysis in treatment planning in order to resolve this conundrum as the lack of standardized outcome evaluations and broadly conceived dimensions of performance makes it difficult to compare the literature accurately.

It is equally as important to provide the patient an alternative should natural options fail. Endodontists are the primary vector in foundational dentistry and well versed in the bone and tissue anatomy, morphology and functionality of the socket. As such their role in biomimetic replacement is integral in the treatment planning and execution of comprehensive care.

Course objectives:

- Evaluate the panoply of interceptive, reparative and restorative endodontics treatment options
- Demonstrate the importance of the endodontist in treatment planning the restorative and periodontal phase of tooth preservation
- Recognize diagnostic imaging procedures for the assessment of the tooth and the available bone quantity and quality in three dimensions
- Explain the anatomic maxillary and mandibular considerations and limitations in relation to tooth removal and implant placement
- Properly perform atraumatic removal of hopeless teeth and apply the principles that dictate bone grafting surgical protocol
- Properly perform placement procedures for Ankylos® single tooth implants
- Understand the prosthetic advantages of the Ankylos® system, the tissue care connection and how the elimination of micro movement provides long-term hard and soft tissue stability

Date: Friday, April 17, 2009

Time: 9:00 am – 4:00 pm

Tuition: \$295 Doctor; \$135 Auxiliary/Hygienist/Staff (continental breakfast and luncheon included)

Credit: 6 Hours - Lecture

AGD Code: 070

This course is sponsored in part by an unrestricted educational grant from Tulsa Dental/Dentsply Endodontics.

F-40a

Morning Session - Treating Medical Emergencies in the Dental Office

HANDS-ON COURSE - CLASS SIZE LIMITED TO 25

ROBERT R. EDWAB, D.D.S. Diplomate, American Board of Oral and Maxillofacial Surgeons; Internationally acclaimed author and lecturer; Private Practice, New York, NY

Life threatening medical emergencies in the dental office can occur anytime. The clinician discusses common office emergencies seen in the dental office. Learn how to evaluate a patient and determine when to treat and whom to refer for a medical evaluation. Learn to recognize patients who have a tendency for medical emergencies and how to modify their treatment plan. The clinician teaches you how to make your own emergency kit, identify an emergency, perform the appropriate treatment and finally determine the maximum dose of local anesthetic for your patient and quickly calculate a safe dose.

Learn:

- Who to treat and who needs a medical consultation
- To identify patients in medical distress
- Maximum dosages of local anesthetics in order to avoid an overdose
- What drugs are needed in an emergency
- How to give basic emergency medications

Date: Wednesday, April 15, 2009

Time: 9:00 am - 12:00 pm

Tuition: \$195 Doctor; \$99 Auxiliary/Hygienist/Staff (continental breakfast included)

Both Workshops: \$375 Doctor; \$175 Auxiliary/Hygienist/Staff (luncheon included)

Credit: 3 Hours - Participation

AGD Code: 142

F-40b

Afternoon Session - Oral Surgery Workshop for the General Practitioner

HANDS-ON COURSE - CLASS SIZE LIMITED TO 25

ROBERT R. EDWAB, D.D.S. Diplomate, American Board of Oral and Maxillofacial Surgeons; Internationally acclaimed author and lecturer; Private Practice, New York, NY

Step-by-step techniques, to broaden your scope of practice and make oral surgery more enjoyable and income-producing, are performed on fresh pig mandibles. Each exercise is preceded by an AV presentation to outline the procedures and introduce the required instruments. Next, the clinician demonstrates the procedure in front of you. Each attendee then performs the surgical procedure on his or her own pig mandible. Learn to perform a frenectomy, biopsy, flap techniques and an I&D. Learn about suturing techniques as you work. Proper use of the cowhorn and ash forceps are demonstrated as you extract teeth along with the use of a rongeur when doing alveoplasties and root removals.

Learn:

- Proper instrumentation
- Suturing techniques
- Extraction techniques
- Surgical removal of a frenum

Date: Wednesday, April 15, 2009

Time: 1:00 pm - 4:00 pm

Tuition: \$225 Doctor; \$99 Auxiliary/Hygienist/Staff (snack included)

Both Workshops: \$375 Doctor; \$175 Auxiliary/Hygienist/Staff (luncheon included)

Credit: 3 Hours - Participation

AGD Code: 310

F-42

Lasers in Periodontics and Restorative Dentistry

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

Dentists have a variety of wavelengths to choose from when deciding which laser is most appropriate for his or her practice. Some wavelengths are perfectly suited for periodontal therapy, while other wavelengths may be more appropriate for a prosthetics-driven practice. The use of lasers for specific procedures found in everyday fixed, removable and implant prosthetic cases will be highlighted. Since the basis of a successful prosthetic reconstruction is a healthy periodontal foundation, the use of lasers for non-surgical, surgical, and regenerative periodontics will also be discussed.

Specific procedures to be discussed include:

- Soft and hard tissue crown lengthening
- Cordless gingival troughing
- Cosmetic recontouring of gingival prior to laminate placement
- Treatment of altered passive eruption cases prior to eruption
- Peri-implant soft tissue modification and treatment of peri-implantitis
- Torus and tuberosity reduction (both hard and soft tissue)
- Removal of epulis without scar/contraction of the vestibule
- Treatment of chronic denture stomatitis
- Residual ridge surgery/vestibuloplasty
- Ovate pontic site formation
- Long term management of the perio-prosthetic patient
- Hard tissue lasers – are we ready to replace the turbine handpiece?
- Frenectomy
- Gingivectomy
- Periodontal regeneration surgery/non-membrane laser-guided tissue regeneration

The participant will perform many of the above procedures during the wet lab on animal jaws. Upon completion of this course, participants will be familiar with the use of lasers for specific procedures found in a periodontal and prosthetics-driven practice. They will be able to incorporate this knowledge into a basis for determining which laser wavelength is most appropriate for their practice, and be able to incorporate hard and soft tissue laser dentistry into their practices **first thing the next morning**.

Date: Saturday, April 18, 2009

Time: 9:00 am – 5:00 pm

Tuition: \$345 Doctor; \$175 Auxiliary/Hygienist/Staff (continental breakfast and luncheon included)

Credit: 7 Hours - Lecture/Participation

AGD Code: 135/490

F-43

Everyday Periodontics for the General Dentist - Dental Hygienist Team

MARTY NAGER, D.M.D., F.I.C.D. Board Certified Periodontist; Past President, Rhode Island Dental Association; Private Practice, RI

Dr. Nager has lectured on periodontics and dental implants for the past twenty years. He has lectured at the ADA national meeting, Chicago Midwest, Greater NY, California Dental Association and Yankee Dental Meetings, as well as numerous local dental societies.

Synopsis:

With trained dental hygienists administering local anesthesia, your dental office can treat more periodontal disease with scaling and root planning (SRP). Based on the percentage of patients who have periodontal disease, if you are a general dentist, your office hygiene program should include SRP multiple times a day. The local anesthesia and scaling and root planning procedures are performed by the dental hygienist.

If you are not treating enough patients with SRP, dentists and dental hygienists attending the same course TOGETHER as a team is the best way to jump start your program. Increased periodontal treatment in your office will be beneficial to your patients, challenging and exciting to your staff, and financially rewarding to you.

Course Objectives:

- Diagnose, treat and re-evaluate patients with periodontal disease.
- Review periodontal disease and its link to systemic health problems.
- Review periodontal and dental implant procedures.
- Perform oral cancer screenings.
- Bisphosphonates?
- Local chemotherapeutics, do they work?

Date: Wednesday, April 22, 2009

Time: 9:00 am – 4:00 pm

Tuition: \$265 Doctor; \$135 Auxiliary/Hygienist/Staff (continental breakfast and luncheon included)

Credit: 6 Hours - Lecture

AGD Code: 490

**Register early; this course
has sold-out 3 years in a row!**



special course offering

F-44

Recipes for Predictable Anterior Esthetics

GERARD J. CHICHE, D.D.S. Helmer Professor, Prosthodontics Department, Louisiana State University School of Dentistry; Past President, American Academy of Esthetic Dentistry; Adjunct Faculty, Pankey Institute

This presentation will discuss the key areas for efficient esthetic diagnosis and smile design. These key points will be formulated into a simple and systematic step-by-step approach to resolve esthetic problems and achieve predictable esthetic results and improved laboratory support. This presentation will also offer an outline of prosthetic and adhesive techniques in terms of armamentarium and products as well as practical techniques for tooth preparations, bonding sequence, and cementation for all-ceramic crowns and porcelain veneers.

Topics to be covered include:

Esthetic Diagnosis and Treatment Planning

1. Key factors for treatment planning of anterior restorations: A methodical treatment sequence applicable to major and minor anterior restorations.
2. Step-by-step esthetic analysis for maximum predictability: How to identify the red flag areas prior to treatment and how to establish a prognosis for predictable esthetic outcome.
3. Effective rules of comprehensive smile design with complex case. Strategies for managing elective and comprehensive treatment.

Esthetic Quality Control: Keys to Success

1. Porcelain veneers: System selection, tips on optimum preparation, shade control and masking strategies. Step-by-step bonding technique and systematic cement selection.
2. Establishing a comfort zone with the different systems of all-ceramic crowns and fixed partial dentures. Selection criteria, cement selection and update on bonding research, step-by-step bonding technique.
3. Communication with the dental laboratory: Shade matching, shading effects, step-by-step planning for optimum arrangement and composition, special effects and smile design variations.
4. Esthetic-restorative and periodontal – Restorative complications.

Course Objectives:

1. Learn the key factors for treatment planning of anterior restorations.
2. Evaluate the key factors critical to a positive esthetic outcome.
3. Establish a prognosis for esthetic success.
4. Shade taking in three simple steps.
5. Identify the typical shading effects for the young tooth.
6. Plan the arrangement and prescribe imperfections for life-like restorations.
7. Discuss essential strategies for communication with the laboratory.
8. Establish selection criteria between ceramic systems based on esthetic performance.
9. Systematize all-ceramic crown systems for cement selection.
10. Establish simple precautions to maximize the prognosis of all-ceramic crowns.
11. Demonstrate a predictable all-porcelain crown cementation technique.
12. Discuss preparation variations for porcelain veneers and three-quarter crowns.
13. Discuss cement selection and bonding for porcelain veneers.
14. Set strategies for presenting and managing elective restorative treatment.
15. Discuss esthetic-restorative and periodontal restorative complications.

Date: Friday, April 24, 2009

Time: 9:00 am - 4:30 pm

Tuition: \$325 Doctor; \$135 Auxiliary/Hygienist/Staff (continental breakfast and luncheon included)

Credit: 6.5 Hours - Lecture

AGD Code: 780

This course is sponsored in part by unrestricted educational grants Nobel Biocare and Brasseler USA.

F-45

Current Concepts, Issues and Controversies in Clinical Dentistry: Commonsense Answers and Approaches for a More Efficacious Dental Practice

PAUL J. VANKEVICH, D.M.D. Assistant Professor, Department of General Dentistry, Tufts University School of Dental Medicine; Diplomate, American Board of Oral Medicine; Fellow, Academy of General Dentistry

Dentistry is a dynamic profession with a daily evolution of new materials, methods and strategies in the provision of healthcare to patients. The contemporary dental practitioner is a perpetual student, who constantly strives for improvement in patient care outcomes. With so much new information, the modern dental practice can suffer from information overload and struggle to keep current with new techniques, procedures, trends and regulations. Separating fact from fiction is imperative and members of the dental healthcare team must be vigilant for “bunk science” in advocacy and product promotion. The dental provider must be able to accurately answer the clinical questions asked by patients, family, staff and peers.

The goal of dentistry is to treat and prevent those diseases and disabilities, which affect the teeth and oral structures, by preventing and eliminating infection and trauma and restoring tooth formation and function. This audience interactive one day course will review and update the current concepts, controversies and challenges regarding the oral diagnosis and dental treatment planning of the wide range of dental patients presenting for treatment. The course updates the principles of oral diagnosis, oral medicine, applied dental disease risk management, preventive dentistry and oral health promotions as applied in patient care.

Controversies covered include amalgam safety, fluoride use, bisphenol A toxicity in dental sealants and composite resins, dental laboratory quality assurance, oral cancer diagnosis and control, inappropriate cosmetic dentistry, antibiotic prophylaxis and therapeutic challenges, oral sedation dentistry and ineffective unsafe over-the-counter dental products.

Specific topics covered include: iatrogenic dentistry, litigation prevention, access to care, evidence-based dentistry, dental patient communication, internet misinformation, assessment and application of innovations and technology, sedation dentistry, conservative dental caries management, body modification and oral piercing, oral health-systemic health interrelationships (diabetes, obesity), alcohol and substance abuse (patient and provider), tobacco control, safety and efficacy of dentifrices and mouth washes, special needs patients and geriatric patient challenges including Alzheimer’s disease, sensory impairment and chronic systemic diseases.

Let Dr. Vankevich answer your questions. This one-day course will facilitate the role of each member of the dental healthcare team: the dentist, the dental hygienist, the dental auxiliary and the dental office administrative staff member in the provision of competent and compassionate care for dental patients and the enhancement of the dental practice.

Date: Wednesday, April 29, 2009
Time: 9:00 am – 4:00 pm
Tuition: \$265 Doctor; \$135 Hygienist/Staff/Auxiliary (continental breakfast and luncheon included)
Credit: 6 Hours - Lecture
AGD Code: 550/730

F-46

Legal Information Every Dentist Needs to Know

CAROL A. COAKLEY, ESQ., N.P. Adult Nurse Practitioner; Family Nurse; Admitted to Practice Law in Massachusetts and Maine; Faculty Member, Graduate Nursing Program, Husson College, Bangor, Maine

Designed as a survey course, this three hour program will cover a range of legal topics that impact the practice of dentistry. Starting with a brief review of the sources of law, this course will highlight the role of the Board of Dental Examiners, eligibility for licensing and post-graduate certification, as well as select federal and state statutes, regulations, and case law that affect day-to-day dental practice, among them, professional liability, HIPAA, informed consent and OSHA. Whether you are a new practitioner or a seasoned veteran, this course is designed to heighten your awareness of the legal implications of practice.

Course Objectives

At the end of this course, the participant will be able to:

- Distinguish federal law from state law.
- Distinguish statutes, regulations, case law, and ordinances.
- Discuss the role of the Board of Dental Examiners and the process of rule-making.
- State the elements of a professional negligence claim.
- Identify the general principles of informed consent.
- Discuss the impact of federal and state privacy rules for protected health information.
- Cite the authority for the blood-borne pathogen standard.

Date: Friday, May 1, 2009

Time: 9:00 am – 12:00 pm

Tuition: \$150 Doctor; \$99 Auxiliary/Hygienist/Staff (continental breakfast included)

Credit: 3 Hours - Lecture

AGD Code: 550

***You must come and hear
all that Attorney Coakley
has to say!***





special course offering

F-48

Technology and Implant Treatment Planning

JEROME HABER, D.D.S., D.M.Sc. Private Practice in Periodontics and Implantology, Wellesley, MA; Former Assistant Professor, Department of Oral Pathology, Tufts University School of Dental Medicine; Former Assistant Professor, Department of Pathology, Tufts University School of Medicine

Implant therapy has become a standard treatment modality for fully and partially edentulous patients. Diagnosis, treatment planning and case presentation involve conventional approaches as well as the use of 3-D imaging and computer simulation. Treatment planning decisions involve many variables, from the decision to extract or maintain a tooth to the technical aspects of surgical and prosthetic treatment planning and execution. The course will review the evolution from diagnosis to treatment, using the latest technology.

Topics covered will include:

- Indications for extraction and implant placement versus tooth maintenance
- Implant therapy versus fixed bridge
- Tooth extraction – how and by whom – socket grafting
- Anatomical assessment – hard and soft tissue
- Sinus grafting – crestal approach and lateral window
- Number of implants and implant spacing
- Delayed versus immediate implant placement
- Collection/analysis of diagnostic data –diagnostic models, radiographic stents
- 3D imaging – CAT scan anatomy
- Presurgical planning versus intraoperative planning – minimize surprises
- Computer simulation and surgical guides – computer guided surgery
- Approaches to temporization
- Factors determining anterior esthetics
- Fixed and removeable prosthetic options

The overall goal of this course is for participants to learn to use diagnostic data to develop and implement predictable treatment plans. Clinical cases will be shown to illustrate the decision making process.

Date: Friday, May 8, 2009

Time: 9:00 am – 4:00 pm

Tuition: \$295 Doctor; \$135 Auxiliary/Hygienist/Staff (continental breakfast and luncheon included)

Credit: 6 Hours - Lecture

AGD Code: 690

This course is sponsored in part by an unrestricted educational grant from Tulsa Dental/Dentsply Endodontics.

F-47

Full Arch Rehabilitations: How to Create Complete Dentures - From Basics to Current Standards

LINO CALVANI, M.D., D.D.S., C.D.T. Adjunct Associate Professor, Department of Prosthodontics and Operative Dentistry, Tufts University School of Dental Medicine; Assistant Professor, Department of Oral Anatomy, University of Siena, Italy

This course will review the knowledge and procedures necessary to create proper Complete Dentures, from the first visit to delivery. Particular attention will be paid to the literature, the clinical and technical passages and to the functional and aesthetic rehabilitating possibilities of these prostheses.

Course Program:

- 1) **First Visit:** Importance of the extra-oral and intra-oral examination, radiographic exams, study and evaluation of macroscopic and microscopic oral structures important in C.D., preliminary impressions.
- 2) **Phase Two:** Custom trays, final impressions and border molding; how and why, mastercasts, creation and use of the ideal bases and wax rims: concepts of support, stability and retention.
- 3) **Phase Three:** Bases and wax rims clinical use. Evaluation of the proper vertical dimension of occlusion and of the maxillo/mandibular relationship, how and why to mount the bases and related master casts on the articulator, how to choose and correctly position the proper anterior teeth.
- 4) **Phase Four:** Clinical aesthetic and phonetic evaluations, how to choose and correctly position the posterior teeth; how to set the condilar guidance on the articulator, different types of occlusion, edentulism vs. aging changes and limitations. How to mimic the nature carving the bases flanges, evaluations of the possibilities to improve and correct the oral and facial aesthetics, C.D. processing, flasking and deflasking, in-lab remounting on the articulator for the 1st occlusal check, polishing and characterizing, 2nd clinical occlusal check.
- 5) **C.D. Delivery:** Clinical adaptation and integration evaluations.

This course will also cover:

- Immediate dentures: importance and limitations
- Over-dentures possibilities: Natural teeth vs. Implants
- Complete denture importance in rehabilitating patients with full arch fixed implant retained prosthesis

Date: Wednesday, May 6, 2009

Time: 9:00 am – 4:00 pm

Tuition: \$265 Doctor; \$135 Auxiliary/Hygienist/Staff (continental breakfast and luncheon included)

Credit: 6 Hours - Lecture

AGD Code: 671

F-49

The Art and Science of Porcelain Laminate Veneers

HANDS-ON COURSE - CLASS SIZE LIMITED TO 28

ALAAEDDIN AL WAZZAN, D.M.D., M.Sc. Former Assistant Director of Advanced Education in Esthetic Dentistry, Former Assistant Professor, Department of Prosthodontics and Operative Dentistry, Tufts University School of Dental Medicine

YONG JEONG KIM, D.M.D., M.Sc. Associate Professor, Department of Prosthodontics and Operative Dentistry, Tufts University School of Dental Medicine; Private Practice Limited to Prosthodontics

Porcelain laminate veneers are one of the most esthetic restorations available today. This course will provide attendees with the successful elements to perform this increasingly popular restoration. The intensive **hands-on** workshop will include step-by-step preparation instruction, then each attendee will participate on preparations of 6 anterior laminates. Temporization and final cementation will be demonstrated during hands on workshop.

In order to provide the optimal learning environment, class size will be limited to 28 participants. A list of materials and instruments required will be forwarded upon registration.

Topics will include:

- Criteria of diagnosis and treatment planning
- Color selection
- Communication with lab technician
- Preparation design
- Temporization and final impression
- Cementation and polishing
- Ceramic materials

Date: Saturday, May 9, 2009

Time: 9:00 am – 5:00 pm

Tuition: \$395 (continental breakfast and luncheon included)

Credit: 7 Hours - Participation

AGD Code: 780

**This *intensive* hands-on
course *fills quickly!***

F-50

The Fully Integrated Digital Dental Practice

CHARLES D. SAMARAS, D.M.D. Former Assistant Clinical Professor, Department of General Dentistry, Former Director of Practice Management, Tufts University School of Dental Medicine; Co-Founder, 21st Century Practice Solutions

This all day program will enlighten and excite dentists and their dental teams to integrate 21st Century Digital Technology into their practice to increase clinical excellence and patient service without taking them out of their "comfort zone".

Topics will include:

- Practice management software for the entire office
- Digital radiography
- Intra oral cameras
- Lasers
- Caries and oral health screening technology
- In office CAD/CAM dentistry

Participants will learn to:

- Empower their teams to better educate patients
- Enhance case presentation
- Increase case acceptance
- Practice smarter not harder
- Increase efficiency and productivity
- Comply with 2015 Mandate for Electronic Records

This course will enable every team member to reach their personal, professional and financial potential by providing the excellence every dental patient expects and deserves. Finally, attendees will learn to put the "fun" back into dentistry.

Date: Wednesday, May 13, 2009

Time: 9:00 am – 4:00 pm

Tuition: \$265 Doctor; \$135 Auxiliary/Hygienist/Staff (continental breakfast and luncheon included)

Credit: 6 Hours – Lecture

AGD Code: 550

F-51

Dental Update for the Entire Team: Medical Emergencies

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

This course will address the prevention and management of medical emergencies in the dental office.

Topics will include:

- Treating the patient with a history of heart disease
- Treating the diabetic and those with endocrine problems
- Syncope, shock, M.I., and cardiac arrest
- Seizures (etiology and treatment), bleeding disorders
- Drugs that affect the incidence of emergency problems
- Drugs used to treat emergencies and suggested medications to keep available in the office
- Management of the allergic reaction
- Patient monitoring

Date: Wednesday, May 20, 2009

Time: 9:00 am – 12:00 pm

Tuition: \$150 Doctor; \$99 Auxiliary/Hygienist/Staff (continental breakfast included)

Credit: 3 Hours - Lecture

AGD Code: 142

**This 2015 Mandate
for Electronic Records
will be here before you know it;
you must start the learning
process now.
Bring your entire team!**



F-52

Prosthetic Updates for the 21st Century

WILLIAM LOBEL, D.M.D., F.A.C.D. Assistant Clinical Professor, Department of General Dentistry, Tufts University School of Dental Medicine

The advent of new materials combined with traditional methods, have improved the quality and predictability of removable prosthodontics. The demographics of the 21st century will require the practicing dentist to deliver efficient, precise and cost effective prosthetic devices to an ever increasing patient population. This course will demonstrate how simple and easy to learn techniques can bring both patient and doctor satisfaction to your daily practice of prosthetics.

Topics to be discussed:

- Patient assessment
- Improved one visit definitive impression making for all types of cases (complete, partial and immediate)
- How to reposition the mandible for a better functional and esthetic outcome
- Obtaining precise physiologically generated centric records at an appropriate vertical dimension
- Esthetics as viewed in removable prosthetics with improved lab communication
- Customizing function through the use of neutral zone and external impression techniques
- Review of popular overdenture attachments for use with roots and implants

Date: Friday, May 22, 2009

Time: 9:00 am – 4:00 pm

Tuition: \$265 Doctor; \$135 Auxiliary/Hygienist/Staff (continental breakfast and luncheon included)

Credit: 6 Hours - Lecture

AGD Code: 670

**Removables are still a very
viable and affordable option
for your patients!**



F-53

Implant Restorations in Everyday Dentistry: Making Decisions About Successful Use of Implants

NOPSARAN CHAIMATTAYOMPOL, D.M.D., M.P.H. Associate Professor and Head, Division of Prosthodontics, Tufts University School of Dental Medicine; Private Practice, Boston, MA

ALI MUFTU, D.M.D., M.S. Associate Professor, Implant Course Director, Tufts University School of Dental Medicine

EKATERINI ANTONELLOU, D.D.S., D.M.D., M.S. Assistant Professor, Fixed Prosthodontics Course Director, Tufts University School of Dental Medicine; Private Practice, Boston, MA

Implant restorations as an alternative option for almost every dental restorative case has provided the general practitioners with a new level of dental care for their patients. Patients are aware of implant choices and frequently choose implant supported restorations for their treatment.

This lecture will provide an overview of implant diagnosis, treatment planning and restorations with demonstration of clinical cases.

During the morning session the participant will learn about:

- Review of medical and dental history: Indications and contraindications of dental implants
- Proper mounting of study models and fabrication of radiographic template
- CT scan evaluation and guided implant placement software
- Bone availability, need for socket preservation, bone grafting, sinus elevation
- Soft tissue problems
- Implant system selection (internal vs. external hex, different implant platforms)
- Implant placement (immediate vs. delayed placement)

During the afternoon session the participant will learn about:

- Temporization of implant prosthesis (immediate vs. delayed loading)
- Impression techniques and materials
- Selection of implant abutments (prefabricated vs. custom made)
- Selection of implant abutments and implant restoration materials (metal alloys vs. all-ceramic)
- Fixed implant supported prosthesis (screw retained vs. cement retained, splinted vs. individual restorations)
- Removable implant supported prosthesis (bar retained vs. attachment retained overdentures)
- Implant assisted removable partial dentures

At the conclusion of this course the attendees should be able to:

- Identify the indications and contraindications of the use of dental implants
- List methods to fabricate radiographic implant stent and convert to surgical guide
- Evaluate pre-surgical radiographs and CT scans
- List and discuss need for implant site preparation prior to implant placement
- Identify different implant systems and different abutment connections
- List and discuss different techniques for fixed and removable implant restorations

Date: Wednesday, May 27, 2009

Time: 9:00 am – 4:00 pm

Tuition: \$265 Doctor; \$135 Auxiliary/Hygienist/Staff (continental breakfast and luncheon included)

Credit: 6 Hours - Lecture

AGD Code: 690



special course offering

F-54

Management of the Medically Compromised Dental Patient

KANCHAN GANDA, M.D. Professor, Department of General Dentistry; Director of Medicine, Tufts University School of Dental Medicine

This program will provide participants with the most updated information concerning the management of the Medically Compromised Patient (MCP) in the dental office. Medications, common medical illnesses, associated laboratory tests and deviations in care will form the main crux of the course.

There will be a detailed discussion of anesthetics, analgesics and antibiotics (AAA) used in dentistry. The discussion will focus on drug clearance in the presence of impaired vital organ status and appropriate dose or drug alternatives needed with various diseased states. Drugs managing common systemic medical illnesses and their interactions with the AAAs will also be discussed.

Systemic diseases to be discussed include: anemia, bleeding disorders, cardiac and pulmonary conditions, endocrine conditions, seizures, gastrointestinal problems, hepatitis/cirrhosis, HIV/AIDS, kidney disease, pregnancy, chemotherapy/radiotherapy, osteoporosis, bisphosphonates and organ transplants.

The current updates on the disease state, common clinical laboratory test results needed to evaluate the disease, medications currently in use to treat the disease, drug-drug interactions, deviation(s) in dental therapy needed in the presence of poor disease control along with the modifications in the use of AAAs for successful outcome with dentistry, will be discussed with each disease state.

The program will conclude with a discussion of some medically compromised dental patient cases.

Participants can purchase Dr. Ganda's recently published book, "Dentist's Guide to Medical Conditions and Complications", Wiley-Blackwell publishers, at a reduced price of \$55.00.

This book covers all of the topics that Dr. Ganda will discuss during this course.

Please ask about this offer when you register for the course!

Date: Friday, May 29, 2009

Time: 9:00 am – 4:00 pm

Tuition: \$295 Doctor; \$135 Auxiliary/Hygienist/Staff (continental breakfast and luncheon included)

Credit: 6 Hours - Lecture

AGD Code: 754

**You *must* attend this *important* course!**



special course offering

F-55

Enteral (Oral) Sedation for the General Practitioner

HANDS-ON COURSE - CLASS SIZE LIMITED

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

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

CAROL A. COAKLEY, N.P., ESQ. Adult Nurse Practitioner; Family Nurse; Admitted to Practice Law in Massachusetts and Maine; Faculty Member, Graduate Nursing Program, Husson College, Bangor, Maine

This is an intensive course in oral sedative techniques enhanced by, video cases, scenario discussion and hands-on airway and monitoring laboratory exercises.

At the conclusion of the course, the participant should be able to:

- Describe adult and pediatric anatomy and physiology of the respiratory, cardiovascular and central nervous systems as they relate to sedation
- Describe the pharmacological effects of sedative drugs
- Describe the methods of obtaining a medical history and conduct a focused physical examination
- Use this information clinically to determine physical status
- Discuss considerations for the dental office using oral sedation including, staff responsibilities, training and equipment
- Choose the most appropriate technique for the patient, dentist and procedure
- Use appropriate physiological monitoring
- List and discuss advantages and disadvantages of oral sedation
- List and discuss advantages and disadvantages of inhalation sedation
- Discuss the prevention, recognition and management of medical and sedative emergencies
- List and discuss the advantages and disadvantages of combined techniques utilizing nitrous oxide-oxygen and oral sedatives
- Describe protocols for the management of emergencies in the dental office; list and discuss the contents of emergency kits
- Understand the medico-legal considerations in sedative care

Upon successful completion of this course the attendee may be eligible to apply for a sedation permit in their state depending on that state's rules and regulations.

Dates: Friday - Saturday, May 29-30, 2009

Time: 8:30 am – 5:00 pm

Tuition: \$1795 Doctor (continental breakfasts and luncheons included)

Credit: 16 Hours - Lecture/Participation

AGD Code: 130

F-56

Risk Management: Record Keeping and Informed Consent

BARRY REGAN, Claims Manager, Eastern Dentists Insurance Company, Westborough, MA

Most practitioners believe the worst thing that can happen to them is to be sued for professional malpractice. It is not. It is much worse to be sued for malpractice, render treatment that does not fall below the standard of care, and still lose the suit. How can this happen? There are several ways, including failing to give proper informed consent to a patient. Attorneys are using informed consent counts to get patients a verdict in otherwise defensible cases. A dentist may be found not negligent on a standard of care count in a lawsuit, but negligent on an informed consent count, and the jury will award a potentially large verdict against a defendant dentist.

A second way in which a dentist can lose a lawsuit while rendering treatment that does not fall below the standard of care is by failing to properly document a patient's record in such a way as to defend or clarify the decision making process a dentist goes through in difficult treatment diagnosis situations. Allegations of misdiagnosis or treatment on the wrong tooth are impossible to defend if all testing results are not recorded in the patient's record.

Attendees of this seminar will learn:

- What constitutes proper informed consent
- How to give proper informed consent to a patient
- How to document your informed consent procedure in such a manner as to give your defense counsel the ammunition he/she needs to properly defend your case to a satisfactory outcome

The instructor will also cover the importance of proper record keeping and give valuable tips. All attendees will receive sample consent forms that they may incorporate into their practice.

Date: Wednesday, June 3, 2009

Time: 9:00 am – 12:00 pm

Tuition: \$65 (continental breakfast included)

Credit: 3 Hours - Lecture

AGD CODE: 550

Attendance at this course may qualify you for a discount on your malpractice insurance!



F-58

Real World Endo® presents The Endo-Restorative Continuum

HANDS-ON COURSE - CLASS SIZE LIMITED

KEN KOCH, D.M.D. Founder and Past Director, New Program in Postdoctoral Endodontics, Harvard School of Dental Medicine; In addition to having maintained a private practice, limited to Endodontics, Dr. Koch is the Co-Founder, Real World Endo

LYNNE BROCK, D.D.S. Member, Board of Directors for the Greater Milwaukee Dental Association; Delegate, Wisconsin Dental Association.; Adjunct Faculty Member, Department of Endodontics, Marquette University; Private Practice in Endodontics

The lecture segment of this presentation will concentrate on two areas. 1) How to perform endodontics in a predictable, reproducible manner, and 2) How to do root canal therapy in such a manner that you actually enhance the long-term prognosis of the tooth. The goal of this program is to have dentists learn how to perform endodontics in such a way that they can offer their patients a long-term natural dentition option as an alternative to implants.

Included in the lecture component will be a thorough discussion concerning access, non-surgical ultrasonic use, rotary file design, instrumentation techniques, and various obturation options. Particular emphasis will be placed on developing endodontic synchronicity between a machined preparation and a laser verified primary or single cone. Additionally, various techniques will be discussed that will facilitate the restoration of the endodontically treated tooth. Participants will have the opportunity to validate all these concepts during the hands-on session.

The hands-on session provides the participants the opportunity to use "Precision-Based" techniques to "machine a preparation" and obturate canals utilizing the latest Real World Endo technology. Time will be dedicated to "Preventing the Separation of Rotary Files", as well as, developing safe and efficient techniques. Digital radiography and the use of ultrasonics will also be available to course participants. We will deliver "Just the Facts . . . Nothing but the Facts."

During this lecture/hands-on participants will learn:

1. How to create straight-line access that will expedite the endodontic process.
2. The multiple benefits of piezo electric ultrasonics.
3. Which ultrasonic tips are ideal for endodontic application.
4. The difference between landed and non-landed rotary files.
5. How to "machine" or "mill" an endodontic preparation.
6. The benefits of developing "endodontic synchronicity" between a machined preparation and a cone.
7. The multiple advantages of performing a constant .04 taper preparation.
8. A new adhesion based obturation technique.
9. How best to restore an endodontically treated tooth.
10. Most importantly, how to perform endodontics in such a manner that you do not compromise the long-term retention of the tooth. In fact, learn how to do endodontics so that you actually enhance the long-term retention of the tooth.

For the ultimate Real World Experience, attendees are encouraged to bring two to four accessed, extracted teeth.

Date: Saturday, June 6, 2009

Time: 9:00 am – 4:00 pm

Tuition: \$345 Doctor; \$175 Auxiliary/Hygienist/Staff (continental breakfast and luncheon included)

Credit: 6 Hours - Lecture/Participation

AGD Code: 070



special course offering

F-57

Fourth Annual Oral Cancer Symposium

BRIAN R. HILL, Cancer Survivor and Founder/Executive Director of the Oral Cancer Foundation, Inc.

MICHAEL A. KAHN, D.D.S. Professor and Chair, Department of Oral and Maxillofacial Pathology, Tufts University School of Dental Medicine

MARK W. LINGEN, D.D.S., Ph.D. Associate Professor, Departments of Pathology, Medicine, and Radiation & Cellular Oncology at the University of Chicago, Pritzker School of Medicine

BRAD K. RODU, D.D.S. Professor of Medicine, Endowed Chair, Tobacco Harm Reduction Research, University of Louisville

DAVID T. W. WONG, D.M.D., D.M.Sc. Associate Dean of Research, Professor of Oral Biology, Oral Biology and Medicine, and Director of Dental Research Institute, UCLA School of Dentistry

Brain Hill will discuss: The Changing Demographics of the Oral Cancer Population in the US. Historic demographics related to oral cancer incidence are no longer valid. We need to understand the new etiologies that are bringing patients to OC, that are completely different than these historic norms. The most important of these is the human papillomavirus16. In order to determine who is at risk, who needs to be screened in your practice, and to catch this disease at early highly survivable stages, understanding this paradigm shift in the population of OC patients is vital. Visual and tactile screenings continue to be the basis of early discovery. But are these still adequate? Are adjunctive devices helpful or not? If so which ones? Answers to these questions will provide you with information that allows you to provide the optimum care to your patient populations.

Dr. Mark Lingen will discuss: Oral Cancer: New Technologies for Early Detection and Prevention

- Discuss the potential utility of the currently available oral cancer screening aids
- Introduce developing technologies that allow for the molecular diagnosis of premalignant lesions
- Discuss the major chemopreventive initiatives that are being tested in world-wide clinical trials
- Emphasize the role of dental health care professionals in early detection and chemoprevention measures for oral cancer

Dr. Brad Rodu will discuss: Tobacco Harm Reduction: An Alternative Approach to Smoking Control

At the conclusion of the lecture, participants will be knowledgeable about:

- The failure of conventional smoking cessation programs that emphasize nicotine and tobacco abstinence
- The differential health risks of smoking and smokeless tobacco use
- The health effects of nicotine
- The underlying scientific foundation for tobacco harm reduction
- Patterns of tobacco use in Sweden, and their impact on public health
- The growing discussion of tobacco harm reduction among tobacco research and policy experts

Dr. David Wong will discuss: Saliva Detection for Oral Cancer

- Saliva as a diagnostic tool
- Saliva diagnostic alphabets: the proteome and transcriptome
- Point-of-care biosensor technology
- Application for oral cancer detection

Date: Friday, June 5, 2009

Time: 9:00 am – 5:00 pm

Tuition: \$265 Doctor, \$99 Auxiliary/Hygienist/Staff (continental breakfast and luncheon included)

Tuition Special: Bring one staff member at \$99 all additional staff members are only \$50!

Credits: 7 Hours - Lecture

AGD Code: 730

This course is sponsored in part by unrestricted educational grants from Inside Dentistry and Dentsply International Inc.

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. Maximum and minimum enrollments apply.

Early registration is recommended. You may register for courses in the following manner:

Please mail registration form along with your check or credit card information. Visa, MasterCard and Discover are accepted.

Make checks payable to: the Trustees of Tufts College and mail to:
Tufts University School of Dental Medicine,
Division of Continuing Education,
One Kneeland Street, Boston, MA 02111.

Fax registration information to
(617) 636-0800.

Call (617) 636-6629 to register using your credit card.

E-mail registration information to:
crystal.krajewski@tufts.edu

* For security reasons please do NOT email any credit card information.

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

The Division of Continuing Education reserves the right to end registration when the enrollment limit is reached and to cancel, modify, or alter content or faculty for any course if circumstances indicate the advisability of 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 at least one week prior to the course. The school will not be held responsible for any losses due to travel arrangements made by the registrant.

In the event of extremely poor weather (such as a snow emergency) or other extenuating circumstances, the Division of Continuing Education may be forced to cancel a course. Please call our offices at 7:00 am on course day if you are uncertain of a course's status. If a course has been cancelled, there will be a special voice mail message.

Refunds

Full tuition refund or credit will be given for cancellations received at least 1 week prior to course date. Cancellations with less than one week's notice are subject to a \$30 processing fee. Refunds or tuition credit will not be issued for:

- Cancellations with less than 48 hours notice
- Cancellations received the day of the course
- "No Shows"

Location and Time

Course check-in begins thirty minutes prior to listed start time. Room locations will be specified in each registrant's confirmation letter.

Accommodations

Information regarding hotels that offer special rates to Tufts University School of Dental Medicine's Division of Continuing Education participants will be forwarded upon request.

Visitor/Tourist Information

For information on Boston area attractions, restaurants, accommodations, and visitor brochures, please call (617) 727-3201, the official information line of the Massachusetts Office of Travel and Tourism.

Parking

Parking is available at the Tufts Medical Center Parking Facility located on Tremont Street. A map will be forwarded with all confirmation letters. Parking is \$18.75 per day with validation.

Tape Recordings and Photographs

Participants are not allowed to record or photograph any materials without the express permission of the presiding clinician or lecturer.

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's Division of Continuing Education provides equal opportunity in education without regard to race, color, creed, religion, national origin, gender, sexual orientation, age, marital status, disability, public assistance, or veteran status.

Credits

Tufts University School of Dental Medicine is an ADA/CERP Recognized Provider.

The formal continuing education programs of this sponsor are accepted by AGD for Fellowship/Mastership credit.

Association for Continuing Dental Education (ACDE) approved provider.

All auxiliary courses are approved by the Dental Assisting National Board, Inc. (DANB). "DANB approval" indicates that a continuing education course appears to meet certain specifications as described in the DANB Recertification Guidelines. DANB does not, however, endorse or recommend any particular continuing education course and is not responsible for the quality of any course content.



other course offerings

Child Abuse Detection
Dr. Robert M. Reece
Call (617) 636-1333

CPR Certification
Dr. Kanchan Ganda
Call (617) 636-6814

tuition specials

Take Three, the Fourth is Free
Take three courses and receive your fourth course of lowest tuition FREE of charge. All four courses must take place during the Spring 2009 semester.

Senior Citizen Discount
Doctors 65 years of age or older may take single day lecture (non-participation) courses for \$150.

Recent Graduate Special
2006, 2007, and 2008 graduates may take single day lecture (non-participation) courses for \$150.
Tuition specials may not be used in combination with each other.

Tufts Sedation Center

- Anesthesia service for all phases of dentistry
- All dental specialties available for care with anesthesia

Contact:

Dr. Morton B. Rosenberg
(617) 636-6877
morton.rosenberg@tufts.edu

Dr. C.S. Maller
(207) 288-5333
csmaller5333@gmail.com



Tufts Oral Pathology Services (TOPS), Department of Oral and Maxillofacial Pathology, Tufts University School of Dental Medicine

- Patient consultations and referral
- Complete range of biopsy, liquid brush cytology and microbiology services
- Free biopsy/cytology supplies and overnight courier delivery

Michael A. Kahn, D.D.S.
James Michael Hall, D.D.S., M.S.
Lynn Solomon, D.D.S., M.S.



Call: (617) 636-6510 / Fax: (617) 636-6780

registration form

Name(s) _____

Specialty: _____

T: _____ F: _____

E-Mail: _____

Address: _____

If you have any special needs we should be aware of, please specify:

COURSE	DATE	TUITION
_____	_____	\$ _____
_____	_____	\$ _____
_____	_____	\$ _____
_____	_____	\$ _____
		TOTAL: \$ _____

Mail:

Make checks payable to: *Trustees of Tufts College*

Mail payment with this form to:

Tufts University School of Dental Medicine

Division of Continuing Education

One Kneeland Street

Boston, MA 02111

Telephone/ Fax:

You may call or fax your registration and credit card information to us at:

T: (617) 636-6629 or F: (617) 636-0800

E-Mail:

To register via the internet, please e-mail your registration

information to: **crystal.krajewski@tufts.edu**

* For security reasons please do NOT email any credit card information.

Please charge my: Mastercard Visa Discover

Account No.: _____ Expires: _____

3-Digit Security Code: _____ Credit Card Billing Zip Code: _____

Tufts | School of
UNIVERSITY | Dental Medicine
Division of Continuing Education
One Kneeland Street
Boston, MA 02111
T: (617) 636-6629 F: (617) 636-0800
<http://dental.tufts.edu/ce>

INSIDE THIS ISSUE...



THE BIOLOGIC IMPERATIVES OF ENDODONTICS AND IMPLANTOLOGY: FASHIONING A RISK ASSESSMENT ALGORITHM

KENNETH S. SEROTA, D.D.S., M.M.SC.

THE ART AND SCIENCE OF PORCELAIN LAMINATE VENEERS

ALAAEDDIN AL WAZZAN, D.M.D., M.SC.

YONG JEONG KIM, D.M.D., M.SC.

REAL WORLD ENDO® PRESENTS THE ENDO-RESTORATIVE CONTINUUM

KEN KOCH, D.M.D.

LYNNE BROCK, D.D.S.



Tufts | School of
UNIVERSITY | Dental Medicine

Division of Continuing Education

One Kneeland Street
Boston, MA 02111

Non-Profit
Organization
U.S. Postage
PAID
Boston, MA
Permit No. 54162