

Boston University Henry M. Goldman School
of Dental Medicine Continuing Education
Spring 2013 Course Catalog



Jeffrey W. Hutter, DMD, Med
Dean and Spencer N. Frankl Professor in Dental Medicine, GSDM

Zhimon Jacobson, DMD, MSD, FACD
Director, Division of Continuing Education and Clinical Professor, Department of Restorative Sciences/Biomaterials, GSDM

Krista Aronson, BA
Program Coordinator

Stephania Flores, BS
Program Coordinator

Dear Colleague:

Welcome to the Division of Continuing Education at Boston University Henry M. Goldman School of Dental Medicine (GSDM). We have an exciting collection of programs planned for the Spring semester, combining successful past lectures with new additions to our ongoing curriculum.

We are delighted to introduce the following new courses:

- Eating for a Healthy Mouth: Nutrition and Dental Disease
- Contemporary Ceramic Restorations
- Has Implantology Changed Your Practice Yet?
- Orthodontic Implants: Temporary Attachment Devices
- "I have a court order!" CAUTION: How to respond to inspection, demands for records, and deposition requests without getting burned
- Soft-tissue Development with Provisional and Definitive Implant Restorations for Optimal Esthetics
- Use of CT Scans in Implant Treatment Planning

Due to overwhelming interest, we have brought back the following programs:

- Updates in Pediatric Dentistry
- Digital Photography
- Legal Documentation and Record Keeping for Maximum Care and Suit Avoidance: An Interactive Seminar
- Mannequin Fixed Dentistry: "Prepping" for the NERB from A to Z Parts I & III
- Simulation Endodontics: "Prepping" for the NERB from A to Z Part II

We invite you to review our course offerings and, as always, we look forward to seeing you again at Boston University Henry M. Goldman School of Dental Medicine.

Special Online Program

Safe & Effective Opioid Prescribing for Chronic Pain

3 CEUs

Free



We are pleased to offer an online continuing education training program to satisfy the requirements set by the Board of Registration in Dentistry for renewal of Dental Licenses. We offer this course through Boston University Medical School, Continuing Medical Education. By connecting to the following website, www.opioidprescribing.com

For questions about CME, please contact cme@bu.edu or www.bu.edu/cme.

To view Boston University's Privacy Policy, please see <http://www.bumc.bu.edu/cme/policies/>.

Educational Objectives

MODULE 1

Opioid Efficacy and Safety; Assessment and Monitoring Tools for Primary Care Settings

At the conclusion of this activity, participants will be able to:

- Discuss the breadth and quality of evidence for the use of opioids for chronic pain; including current gaps in knowledge.
- Describe appropriate assessment, monitoring and documentation strategies to meet best practice standards and medico-legal requirements to support opioid prescription.

MODULE 2

Communicating with Patients About Chronic Opioid Use; Managing Patients with Pain, Psychiatric Co-Morbidity and Addiction

At the conclusion of this activity, participants will be able to:

- Apply appropriate communication strategies when initiating, managing, and, if necessary, terminating opioids for patients with chronic pain.
- Describe, screen for, and manage potential co-morbidities in chronic pain patients.

MODULE 3

Case Study

At the conclusion of this activity, participants will be able to:

- Apply a practical framework for decision-making on the initiation, maintenance, and discontinuation of opioid analgesics for the treatment of chronic pain.

Specialty Treatment Center Observation Program

3 CEUs \$250 (half day), 7 CEUs \$500 (full day)

Verification of immunizations and completion of Online HIPPA Training are required prior to clinic observations.

Dates and times are established on a case-by-case basis by the participants and GSDM Continuing Education.

In this special program, individuals or small groups participate as observers in the post-doctoral treatment centers at Boston University Henry M. Goldman School of Dental Medicine and the Hebrew Rehabilitation Center. The Division of Continuing Education works with the participants to tailor a program that meets their specific needs, including the dates and duration of the visit, the type of dentistry to be observed, and possibly the inclusion of lectures and discussion periods. A GSDM faculty member is assigned to the participants and oversees their activities while they are in the Dental School.

To schedule an appointment, please contact the Division of Continuing Education by phone at 617-638-5656 or email at busdmce@bu.edu.

Anita Gohel, BDS, PhD
Assistant Professor, Department of General Dentistry and Director of Oral Diagnosis & Radiology, GSDM

Mary Ellen Sholes, AAS
Dental Radiology Technologist, Oral Diagnosis & Radiology, GSDM

Digital Advanced Radiology

4 hours, by appointment

4 CEUs

\$300

Prior radiology certification is required to take this course.

Digital radiography offers the advantages of instant access, easy transmission, and manipulation of images to optimize brightness and contrast. This course offers an overview of the different types of digital imaging, including the CCD, CMOS, and PSP systems.

Participants will learn sensor placement and infection control procedures while using digital sensors, image enhancement techniques, and tips for troubleshooting errors on digital images. Participants will be able to take intraoral digital images on DXTTR and receive hands-on experience with image enhancement. Participants will observe intraoral and panoramic digital radiography procedures on patients in the radiology patient treatment center.

Special Online Program

George T. Gallagher, DMD , DMSc
Professor of Oral and Maxillofacial Pathology

Devaki Sundararajan, BDS
Assistant Professor of Oral and Maxillofacial Pathology



Evaluation of Mucosal Pigmented Lesions in the Dental Setting

5 Weeks: April 29–May 30, 2013
\$325
10 CEU's

This course is an internet-based course

Participants will be required to review case material and post comments to a discussion board. Case study and comments can be done at any time convenient for the participant, 24 hours per day. Registered participants are assigned to groups of practitioners of various backgrounds, similar to that of a group practice.

For five weeks, groups are presented with cases involving oral pigmentation. Participants are required to post first their initial thoughts (describing the lesion and their clinical differential diagnosis) and later their overall assessment and recommendations after all information is assembled. Participants will gather relevant articles and discussions from internet sources and post links to those sources for their group. Available texts may also be quoted as sources. Together the instructors and the group members will evaluate the usefulness and reliability of internet sources and practice their skills in the assessment of oral pigmented lesions.

Evaluation of participants will include weekly scoring of their posts by the instructors and scoring of a final case report done individually by each participant. Discussion posts on all case exercises are required for course credit. Instructors will read all postings and provide ongoing feedback to participants.

Objectives

- Learn the skills necessary to identify and manage common and rare oral pigmented lesions
- Gain skills in searching for pertinent sources of information on the internet
- Practice writing case notes on problem cases to insure proper documentation for the dental record.

Suitable for:

General Dentists
Specialists

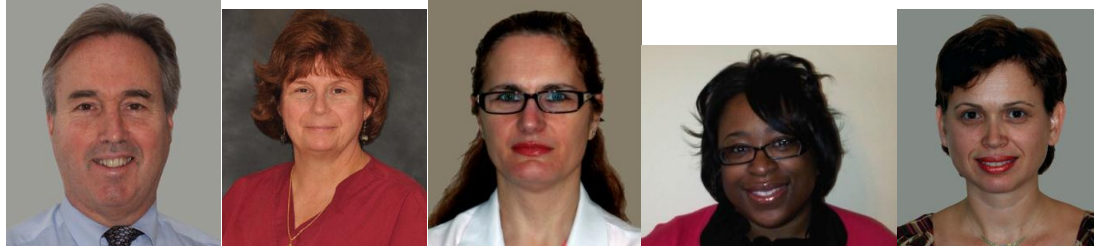
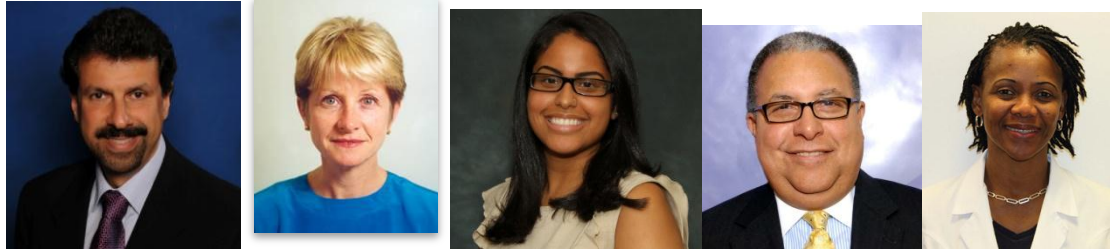
Dental Assisting Training Program
February 11, 2013–April 12, 2013

\$6,000

This unique, nine-week program is designed to prepare individuals to become dental assistants. This program will combine lecture and hands-on classes, which will expose both current and aspiring dental assistants to all major aspects of the profession. This course is tailored to help participants learn the essential skills and responsibilities required to be a successful member of a dental team. After the completion of our program, participants will be prepared to work in a variety of dental offices. The main objective of our program is to prepare our participants to become functioning and knowledgeable members of a dental team. Participants will be prepared for and provided with the opportunity to become certified in CPR, Radiology, and the Radiation Health and Safety (RHS) and Infection Control (ICE) exams. Students will spend each week in a different dental specialty, learning how to tailor what they've been taught in the lectures to each specific specialty. Rotations include: General Dentistry, Prosthodontics, Periodontology & Implantology, Oral Surgery, Orthodontics, Endodontics, Radiology, and Sterilization.

FACULTY (opposite page, from top left) Louay Abrass, DMD; Krista Aronson, BA; Ishwar Bhatia, BDS, MDS; Michael Blau, DDS, MPH; Cindy Cadoret, RDH, MPH; John Cassis, DDS, DMD; Kathy Eklund, RDH, MPH; Stephania Flores, BS; Tomas Flores, MD; Rosyln George; Anita Gohel, BDS, PhD; Gurkan Goktug, DDS; Mimoza Haluli, CDA; Kathleen Held, MEd; Christopher Hughes DMD, PhD; Zhimon Jacobson, DMD, MSD, FACD; Eda Kerthi; Luz Lebron; Meg Loadholt, RDH, MA; Sandra Morin, DMD; Christine Narducci, AS, CDA; Bruce Robinson, DDS; Mary Ellen Sholes, AAS; Dhurata Shosho, MA; Pamela Simmons; Amanda Tili, CDA; and Marieh Vakili, CDA, RDH

Dental Assisting



Dr. Ady Palti, DMD, DICOI

Past President ICOI/DGOI
Private Practice
Baden-Baden, Germany



Lateral and Vertical Bone Augmentation Techniques

Monday

February 11, 2013

9 a.m. to 12 p.m.

3 CEUs

\$100

This course includes refreshments.

The expectations of our patients concerning esthetics, functionality and phonetics, demands a high standard of implant skills. Today, patients are also expecting to have an immediate restoration after losing their teeth. Although the success rate of 90–95 percent is impressive, every effort should be made to avoid the 5 to 10 percent of failures. 3D planning could bring us closer to this goal.

By using a CBCT (Cone Beam CT) the dentist is able to carry out optimum implant planning. Both the position of the implants in the vicinity of anatomical structures and the future prostheses can be planned more accurately. Different augmentation techniques to achieve bone volume for the ideal implant position will also be reviewed.

Course Objectives:

- Learn the fundamentals of lateral ridge augmentation
- Learn the fundamentals of bone splitting.
- Learn the fundamentals of bone spreading techniques.
- Learn the different locations for bone harvesting procedures.

The instruments needed will be presented for all of the above procedures.

Suitable for:

General dentists

Specialists

Cruise & Learn Caribbean Feb 17-24, 2013

Predictable Approaches to Multidisciplinary Treatment

\$495 Dentists

\$395 Allied Health Professionals

9 CEUs



Day	Date	Port	Arrive	Depart
0	17 Feb 2013	<u>Fort Lauderdale, Florida, US</u>		4 p.m.
1	18 Feb 2013	At Sea		
2	19 Feb 2013	<u>Grand Turk, Turks and Caicos</u>	8 a.m.	3 p.m.
3	20 Feb 2013	San Juan, Puerto Rico	1 p.m.	8 p.m.
4	21 Feb 2013	<u>Philipsburg (St. Maarten), AN</u>	8 a.m.	3 p.m.
5	22 Feb 2013	At Sea		
6	23 Feb 2013	<u>Half Moon Cay, Bahamas</u> ^{IR}	8 a.m.	4 p.m.
7	24 Feb 2013	<u>Fort Lauderdale, Florida, US</u>	7 a.m.	

John Ictech-Cassis, DMD
Clinical Professor,
Department of Restorative
Sciences/Biomaterials;
Director, Advanced
Education in General
Dentistry and Postgraduate Operative & Esthetics
Program, GSDM



Sandra Morin, DMD, CAGS
Clinical Assistant Professor
Department of Periodontology & Oral Biology
GSDM



This course is designed to review and learn the periodontal and prosthetic considerations that will determine the success of dental restorations and treatment.

The course will help identify the clinical situations when the restorative dentist will need to include a specialist as part of the team in order to enhance the success of the patient's treatment.

Course Objectives:

First Module—Treatment Planning

1. Diagnosis and treatment planning of periodontally compromised teeth
2. Review of treatment planning options for simple to complex clinical cases
3. Review and analysis of treatments with dental implants, review of CT scan, implant selection and maintenance

Second Module—Periodontal Therapy

1. Management of periodontal disease prior to placement of dental implants and restorations
2. Pre-Prosthetic periodontal therapy
3. Treatment of mucogingival problems, conventional and surgical approaches
4. Esthetic crown lengthening indications and contraindications

Third Module—Restorative

1. Review of restorative considerations to the success of esthetic restorations
2. Predictable preparations for porcelain laminate veneers and all ceramic restorations
3. Esthetic considerations for implant supported crowns
4. Review of clinical cases requiring multidisciplinary treatment
5. Analysis of failures and successes of dental implants and restorations
6. Clinical comparison of ceramo-metal restorations and all ceramic restorations

Tomas Flores, MD
Medical Assistant Program Director
Hesser College
Salem, NH



Basic Life Support (BLS) Recertification Course for Healthcare Providers

Tuesday
February 19, 2013
9 a.m. to 1 p.m.
4 CEUs
\$195

This is a hands-on course and includes refreshments.

This is a recertification course that reviews CPR for patients of all ages (including ventilation with a barrier device, a bag-mask device, and oxygen), relief of a foreign body airway obstruction (FBAO), and use of an automated external defibrillator (AED) in compliance with the new Massachusetts law 234 CMR for the dental industry.

People who currently hold a BLS certification card and who may provide health care to patients in or outside of a hospital setting, as well as those required to take a health care provider course for employment, will benefit from this class.

The four-hour program incorporates multiple learning styles: videotape demonstration, instructor led discussions, and peer practice sessions. All participants who successfully complete the course, including the written examination and skills' demonstration, will receive a BLS for Healthcare Providers course completion card, which is valid for two years.

Course objectives:

- Describe the links in the American Heart Association (AHA) Chain of Survival
- Describe the steps of CPR for an adult, child, and infant
- Perform CPR using barrier device and bag-mask ventilation
- Perform one and two rescuer CPR for all ages
- Perform rescue breathing mouth to barrier
- Know how and when to use an AED on victims greater than eight years of age
- Perform skills for relief of a FBAO in the responsive and unresponsive victim of all ages

Suitable for:

General dentists
Specialists
Dental hygienists
Dental assistants
Dental technicians
Office personnel

Christine Narducci, AS, CDA
Technical Advisor,
Patterson Dental



Introduction to EagleSoft

Wednesday
February 20, 2013
9 a.m. to 5 p.m.
7 CEUs
\$195

This is a hands-on course and includes refreshments and lunch.

This course is sponsored by Patterson Dental.

Patterson Dental's vision was that one day everyone would have the advantage of industry-leading practice management software and digital imaging technology. This technology platform takes all the leading technologies and the dental practice fundamentals and organizes them into a simple management platform. The course will address true integration of imaging, scheduling, and charting technologies as well as patient communication and education.

Course objectives:

- Understanding charting
- Document management—integrated paperless patient files
- Integrated patient education
- The possibilities of encompassing a high level practice/ patient management system

Suitable for:

General dentists
Specialists
Dental hygienists
Dental assistants
Office personnel

Kathy Eklund, RDH MHP
Director of Occupational Health and Safety
Patient Safety Advocate
The Forsyth Institute



***Are those instruments sterile?* Sterility Assurance – a Programmatic Approach to Instrument Processing**

Friday
February 22, 2013
9 a.m. to 12 p.m.
3 CEUs
\$100

This course includes refreshments

Effective management of reusable patient care items is a vital element of an infection control program. This lecture will review the relevant science, guidelines, standards and recommendations for instrument processing and sterility assurance. Practical strategies and tools for organizing and managing instrument processing will be provided.

Topics include:

- Central sterilization designs
- Instrument cleaning
- Instrument packaging
- Sterilization technologies
- Sterilization monitoring
- Storage of sterilized items
- Preventing and managing sterilization failures

Course Objectives:

- Identify the essential elements of a sterility assurance program
- Evaluate the efficiency and effectiveness of a site-specific instrument processing program
- Develop standard operating procedures for a site-specific instrument processing program that are compliant with current CDC guidelines for infection control in dental health-care settings

Suitable for:

General dentists
Specialists
Dental hygienists
Dental assistants
Office personnel
Dental technicians

Dr. Anita Gohel, BDS, PhD
Assistant Professor, Department of General Dentistry and Director of Oral Diagnosis & Radiology, GSDM



Mary Ellen Sholes, AAS
Dental Radiology Technologist, Oral Diagnosis & Radiology, GSDM



Arvi Duka, DMD Clinical Instructor of General Dentistry, GSDM

Radiology Certification Program for the Dental Assistant Part I: Lecture* and Part II: Clinic

Friday
March 1 and Saturday, March 2, Sunday, March 3 or Saturday, March 9, 2013
8 a.m. to 4 p.m.
12 or 16 CEUs
\$225

This is a hands-on course and includes lunch on the day of the lecture. Please choose a clinical session when you register as treatment centers have limited space. Participants must be at least 18 years of age.

This is a review course dealing with the basic concepts of oral and maxillofacial radiology. The course covers the historical background of X-rays, radiation physics, biology, radiation protection, infection control, dental X-ray machine components, dental film, digital receptor, anatomical landmarks, bitewings, periapical exposures, processing and mounting films, and identifying and correcting exposure or processing errors. Participants will expose, process, mount, and evaluate the radiographs on mannequins.

Clinic A: Saturday, March 2, 7:30 to 11:30 a.m.
Clinic B: Saturday, March 2, 10 a.m. to 2 p.m.
Clinic C: Sunday, March 3, 7:30 to 11:30 a.m.
Clinic D: Sunday, March 3, 10 a.m. to 2 p.m.
Clinic E: Saturday, March 9, 8 a.m. to 4 p.m.**

In this four-hour clinic session, participants will have taken the written exam; taken satisfactory periapical, bitewing, and occlusal film; properly processed film; mounted and labeled radiographs; become familiar with dental panoramic and cephalometric radiographs; and self-analyzed radiographic technical and processing errors.

This course meets the requirements of the Commonwealth of Massachusetts and New Hampshire Boards of Dentistry. This course is also an excellent review for dental assistants planning to take the Dental Assisting National Board (DANB) to become a Certified Dental Assistant (CDA).

* Part one is also available online.

**All New Hampshire residents who plan to work in New Hampshire should register for Clinic E.

Suitable for:
Dental assistants
Office personnel
Dental technicians

29th ANNUAL ORAL HEALTH & HIV SYMPOSIUM

Friday, March 8, 2013

**Holiday Inn
55 Ariadne Rd
Dedham, MA 02026**

6 CEUs

Registration fee:

\$145 Dentists

\$65 All others

***Add \$40 to registration fee after February 8th**

Course Description:

This symposium is designed to update participants on new developments, diagnosis and treatment in HIV, AIDS infection. Part of the symposium will focus on history of HIV in Massachusetts and practice of dentistry.

Upon completion of this six-credit program, participants will learn:

- History and issues related to general population with HIV, AIDS infection.
- How to treat and manage patients with HPV, HIV, AIDS infection.
- How to deal with oral health issues of cancer patients.
- New paradigms in HPV and cancer detection.
- Role of maxillofacial prosthesis in cancer treatment



29th Annual Oral Health & HIV Symposium

Friday March 8, 2013

6 CEUs



Dr. L. Lee Chou

HIV-Associated Oral Lesions
and Dental Management



Dr. Barbara Greenberg

Expanded Role for Healthcare Providers:
Screening for HIV, Diabetes, and Heart Disease



Ms. Meg Loadholt

Latest Information in Infection
Control in Dental Office



Dr. Andrew Salama

HPV and Oral & Maxillofacial
Cancer Detection and Treatment



Dr. David Reisburg

Maxillofacial Prosthesis as Part of Cancer Treatment

Marieh Vakili, CDA, RDH



New Advancements in Dental Hygiene

Tuesday
March 12, 2013
9 a.m. to 5 p.m.
7 CEUs
\$195

This course includes refreshments and lunch.

Many new products and procedures have been introduced to the dental hygiene practice recently. New studies show the need to modify our techniques and selection of material and equipment in our daily practices.

Dental hygienists should be aware of all advancements, advantages, and disadvantages of the products and procedures that are being marketed. This course will review classic procedures as well as the literature to validate the benefit and value of outcome.

Course objectives:

- Identify different types of topical fluoride application
- Learn the significance of using topical fluoride in adults and adolescents
- Learn different available electric tooth brushes and their comparison with the manual toothbrush
- Be familiar with tooth paste abrasiveness and the possible effect on gingival recession
- Learn early diagnosis for gingival recession

Suitable for:
Dental hygienists
Dental assistants

Donald Sherman, DMD
Visiting Faculty, GSDM and
Seminar Series Speaker,
American Dental Association



Digital Photography and Digital Imaging: At Home and in the Office

Friday
March 29, 2013
9 a.m. to 5 p.m.
7 CEUs
\$250

This is a hands-on course and includes refreshments and lunch.

This course is sponsored by PhotoMed®.

Morning Session - Digital Photography and Digital Imaging At Home and in the Office (Lecture)

This informative and entertaining multi-media presentation will help dentists and their staff understand and use digital cameras and digital imaging to improve communication with their patients and greatly improve documentation of clinical treatment records. Learning how to use this technology at home will considerably shorten the learning curve for office use, and can also enhance your vacation photographic experience. This course will show you how digital cameras, digital x-ray equipment, intra-oral cameras and scanners can all create dental images. Learn how to set up a stunning reception room video display of your best cases and how to promote your skills.

Afternoon Session -Digital Camera Workshop

At this workshop, you will learn how to obtain better images with the digital camera you own or the cameras we provide. If you already have a digital camera, this a chance for you or your staff to learn how to take portrait, smile, and simple tooth images. After taking images, you will have a chance to see your images projected, with comments provided on improving technique.

*Cheek retractors will be provided.

**Bring the user guide for your own camera.

Attendees will be introduced to methods for:

- Using digital images for patient consultations and submission of x-rays to insurance companies
- Selecting a digital camera, scanner and printer.
- Using a scanner to digitize your current 35 mm slides or negatives, dental film x-rays and office documents
- Importing digital images into Microsoft Word letters, newsletters, patient brochures, web sites and e-mail, and your current office management software
- Cropping, adjusting and cataloguing digital images with software for home use that can also be used in the office, and using specialized dental imaging software designed for office use.

Suitable for:
General dentists
Specialists
Dental hygienists
Dental assistants
Dental technicians
Office personnel



Kevin Owoc, DMD, MSD
Prosthodontist, Implantology Fellow,
Private Practice, Monroeville, PA

Incorporating Dental Implants Into Your Practice: From A to Z

Monday
April 1, 2013
9 a.m. to 12 p.m.
3 CEUs
\$100

This course includes refreshments.

The clinician who wishes to incorporate dental implants into a private practice will gain confidence and a knowledge base for success from this course.

Course objectives:

- Understand why dental implants should be used
- Learn why implants are not commonly used in private practice and ways to overcome these challenges
- Overcome the anxiety of using dental implants
- Learn effective treatment planning of the implant patient
- Choose the “right” implant system
- Learn when and how to refer the dental implant patient
- Review the golden rules for successful implantology
- Discuss implant fees
- Involve the entire staff with dental implants

Suitable for:
General dentists
Specialists
Dental hygienists
Dental assistants
Dental technicians
Office personnel

Gurkan Goktug, DDS
Clinical Assistant Professor, Department of
Restorative Sciences/Bio-
materials ,GSDM



Make Yourself Marketable: Learn How to Fabricate Provisional Restorations

Wednesday
April 3, 2013
9 a.m. to 5 p.m.
7 CEUs
\$195

This is a hands-on course and includes refreshments and lunch.

This course is designed to familiarize dental assistants and hygienists with the different techniques and methods of fabricating provisional crowns. This course will address the advantages and disadvantages of each technique and its clinical applications.

At the end of this course, the attendees will understand the following provisional techniques for appropriate clinical use:

- Use of preformed temporary crowns
- Vacuum shell technique
- Indexing technique
- Block-temp technique

This course is suitable for:

General dentists
Dental hygienists
Dental assistants

Cruise and Learn: Caribbean—April 6 to 13, 2013

Innovations in Digital Radiology

\$495 Dentists

\$395 Allied Health Professionals

9 CEUs

Module 1: Innovations in Digital Radiology

Module 2: Cone Beam CT: Contemporary Breakthroughs and Current Trends

Module 3: Unraveling the Ghosts of Panoramic Radiographs



Cruise Itinerary

DATE	PORT OF CALL	ARRIVE	DEPART
Sat Apr 6	Miami, Florida	—	4:30 p.m.
Sun Apr 7	At Sea Cruising Lectures 9 a.m.–noon; 1:30 p.m.–4:30 p.m.	—	—
Mon Apr 8	San Juan, Puerto Rico	3 p.m.	10 p.m.
Tue Apr 9	Philipsburg, St. Maarten	9 a.m.	6 p.m.
Wed Apr 10	Charlotte Amalie, St. Thomas	8 a.m.	5 p.m.
Thu Apr 11	At Sea Cruising Lectures 1 p.m.–5 p.m.	—	—
Fri Apr 12	At Sea Cruising Lectures 8 a.m.–noon	—	—
Sat Apr 13	Miami, Florida	8 a.m.	—

Anita Gohel, BDS, PhD
Associate Professor, Department of General Dentistry and
Director of Oral Diagnosis & Radiology, GSDM



Mary Ellen Sholes, AAS,
Dental Radiology Technologist
Oral Diagnosis & Radiology, GSDM



First Module: Innovations in Digital Radiology

Digital technology has become an important element of a dental practice and can optimize diagnosis and patient care. The purpose of this course is to provide a comprehensive overview of the different technologies available in dental digital radiography.

- Understand how to integrate and implement digital imaging system into your dental practice
- Become familiar with solid-state systems and phosphor plate systems
- Learn about image processing techniques
- Know the benefits and limitations of the different systems
- Understand technique procedures, common errors associated with digital radiography, image processing to improve diagnosis and legal implications of digital imaging

Second Module: Cone Beam CT: Contemporary Breakthroughs and Current Trends

Cone beam CT provides 3-D imaging at decreased radiation and lower cost to the patient than traditional CT scans. This course will address recent advances in imaging and how to incorporate these into the dental practice for optimal patient care. The technology as well as the practical uses of CBCT for improving diagnosis and treatment planning in various fields of dentistry will also be discussed.

- Understand the basic principles of CBCT
- Recognize the radiation risks with different machines and procedures
- Review the indications of CBCT
- Identify normal anatomical structures and incidental findings.

Third Module: Unraveling the Ghosts of Panoramic Radiographs

Participants will learn case-based interpretation of panoramic radiographs, principles of panoramic radiography, advantages and disadvantages of panoramic films, and commonly seen errors.

- Interpret panoramic images for proper diagnostic information in radiographs
- Review real and ghost image formations
- Understand normal panoramic anatomy
- Learn the procedures required for an ideal panoramic radiograph
- Recognize and eliminate common panoramic errors
- Demonstrate ability to identify and correct the errors with a case-based self assessment.
- Diagnose common pathological lesions seen on panoramic images

Bahram Ghassemi DMD, MScD
Associate Professor,
Department of Orthodontics,
Tufts University School of
Dentistry



Sara Ghassemi DMD, CAGS
Private Practice, Boston, MA



Orthodontics for Dental Assistants and Hygienists

Tuesday
April 9, 2013
9 a.m. to 5 p.m.
7 CEUs
\$195

This course includes refreshments and lunch.

This course is designed to introduce the fundamental and clinical principles of orthodontics to dental assistants and hygienists. Case studies and interactive exercises will be used to explore both fundamental and clinical topics.

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

- Assist an Orthodontist in a multidisciplinary group practice
- Diagnose and discuss common orthodontic problems
- Learn basic terms used by an orthodontic professional
- Learn about components of braces
- Describe and utilize orthodontic tools and pliers
- Learn how to prepare for various orthodontic procedures
- Describe and discuss orthodontic appliances
- Handle orthodontic emergencies

Suitable for:
Dental assistants
Dental hygienists

Alexander A. Bendayan, DDS
Clinical Assistant Professor, Department of General Dentistry, GSDM



The Use of All Ceramic Restorations in Harmony with Classical Occlusion Concepts

Thursday
April 18, 2013
9 a.m. to 12 p.m.
3 CEUs
\$100

This course includes refreshments.

The course will concentrate on how to apply the concepts of occlusion to the use of all ceramic restorations to achieve optimum esthetics and provide adequate function. This course will review the different all-ceramic systems available to the clinical practitioner, the rationale behind selecting the proper material, and each material's application in the arch. This course will provide a simple review of classical occlusion concepts and discuss diagnosis, treatment planning, tooth preparation, and the advantages and disadvantages of various all-ceramic restorations. A segment of the presentation will be devoted to a discussion on luting agents and their indications.

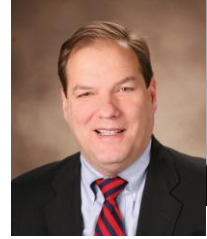
Course objectives:

- Review occlusion and tooth preparation
- Discuss all porcelain crowns vs. porcelain fused to metal crowns
- Discuss shade selection
- Consider indirect vs. direct CAD/CAM
- Learn about luting agents and cementation techniques
- Discuss all ceramic crowns on implants
- Discuss laminates

Suitable for:
General dentists
Specialists

SPECIAL PROGRAM

Christopher V. Hughes, DMD, PhD
Associate Professor and Chair, Department of Pediatric Dentistry, GSDM



Update in Pediatric Dentistry

Friday
April 19, 2013
9 a.m. to 5 p.m.
7 CEUs
\$295 (program only)
Chatham Bars Inn*
Chatham, Massachusetts

This course includes refreshments and lunch and takes place at Chatham Bars Inn, Cape Cod.

All dentists will benefit from the confidence and knowledge of how to treat the child patient. This course reviews the fundamentals of pediatric dental practice, including behavior management, pulp therapy for primary teeth, and prevention of dental caries in children. Participants will also hear an update on early childhood caries (ECC) and its prevention.

Course objectives:

- Learn to encourage good oral hygiene in young patients
- Learn pulp therapy in primary and young dentition
- Learn behavior management techniques
- Perform contemporary caries risk assessment in primary and young dentition

Suitable for:

General dentists
Specialists

*The Chatham Bars Inn is offering a special room price for those participating in this weekend's course. Please contact the Inn directly to receive the discounted rate: 800-527-4884.

Just two hours south of Boston sits one of the most sophisticated and luxurious seaside destinations on Cape Cod. Whether you are looking to relax to the tranquil sounds of the ocean or rejuvenate in one of the luxury Spa Suites, the Chatham Bars Inn is the premiere and exclusive New England retreat. Located within walking distance from downtown Chatham, the location is perfect for those seeking a truly memorable escape. Breathtaking scenery, five star dining, and elite shopping are just some of the many attractions you will experience during your stay. With its historic charm and world-class amenities, the Chatham Bars Inn is the standard in refined leisure.



Ishwar Bhatia, BDS, MDS
Clinical Associate Professor, Department of Oral & Maxillofacial Surgery, GSDM



Management of Medical Emergencies in the Dental Office

Monday
April 22, 2013
9 a.m. to 12 p.m.
3 CEUs
\$100

This course includes refreshments.

The course provides dentists and dental staff the opportunity to learn techniques and skills to manage medical emergencies in the dental office. Participants will learn to conduct a thorough review of a patient's medical history, current medical conditions, and make appropriate alterations to dental treatment to prevent a medical emergency.

Course objectives:

- Prescribe, obtain, record, and interpret consultations
- Review and analyze medical history to identify risks for a medical emergency
- Recognize and interpret any new or recent laboratory tests and recent medication changes associated with systemic conditions
- Recognize the clinical presentation of common systemic conditions and underlying issues
- Modify treatment for the medically compromised patient
- Understand the physiology and pathophysiology contributing to, precipitating, and exacerbating common medical emergencies
- Recognize and manage medical emergencies
- Assemble and learn to use an emergency medical kit

Suitable for:
General dentists
Specialists
Dental hygienists
Dental assistants

Masahiro Kuwata, CDT
Visiting Professor, GSDM



Contemporary Ceramic Restorations

Monday
April 22, 2013
9 a.m. to 1 p.m.
4 CEUs
\$125

This course includes refreshments.

A successful restoration must begin with a precise vision of tooth form that is compatible with the patient's biological needs. As such, the patient is naturally the central member of the interdisciplinary team, which must reach a consensus on the final design of the restoration before treatment begins.

Topics to be covered include:

- All ceramic restoration concepts and evolution
- Ceramic composition as nature intended, including tooth form and arch configuration
- Biological, functional and anatomical assessment
- Facts about Zirconia crown

Course objectives

- Tooth preparation on a basis of Three Plane Concept
- Crown design
- Contour guideline
- Emergence profile
- The concept of triangular structure
- Gingival margin design of abutments for Zirconia and PFM restorations

This course is suitable for:

General dentists
Specialist
Dental technicians

Yael Frydman, DMD
Clinical Assistant Professor
Course Director Orthodontics
Department of General Dentistry Boston University
GSDM



Khiem Pham-Nguyen, DMD, MSD, CAGS
Clinical Instructor, Department of Orthodontics and Dentofacial Orthopedics
GSDM



Michael Blau, DDS, MPH, CAGS
Clinical Professor, Department of Orthodontics and Dentofacial Orthopedics
GSDM



Mini-Residency in Orthodontics for General Practitioner: Part I, II, & III

Friday, April 26 & Tuesday, April 30
Saturday, May 11 & Tuesday, May 14
Friday, June 28 & Saturday, June 29, 2013
9 a.m. to 5 p.m.
42 CEUs
\$3,700*

This is a hands-on course that includes refreshments and lunch.

This three-module six-day course is intended for general practitioners who are interested in learning basic orthodontic concepts to incorporate in their multidisciplinary clinic.

The course will have didactic and hands-on components in each module:

Module 1: Diagnosis and treatment planning for each age group, record taking, cephalometrics, early treatment.

Module 2: Biomechanics, treatment with various appliance systems. Introduction to Invisalign. Hands-on bracket direct bonding and appliance activation.

Module 3: Interdisciplinary orthodontics: Interactions with periodontics and prosthodontics. Case selection. Retention and relapse. Hands-on IPR –interproximal reduction-, insertion and adjustment of fixed and removable retainers.

Course objectives:

- Become familiar with different means of clinical and radiographic orthodontic diagnosis
- Recognize malocclusions for treatment and referral
- Develop a rationale for the treatment of simple orthodontic problems
- Learn basic orthodontic skills for the everyday general practitioner including – but not limited to - minor tooth movement with fixed appliances and clear aligners, fabrication and adjustment of removable and fixed retainers.

*The \$3,700 cost includes tuition for Mini-Residency in Orthodontics for General Practitioner: Parts I, II, & III. This also includes all necessary instrumentation that participants may take home with them. Participants must register for all parts together.

This course is suitable for:
General dentists
Specialist



Catherine Sarkis, JD, MBA
Assistant Professor, Department of Health Policy
& Health Services Research
and Assistant Dean for Admissions , GSDM

Risk Management: Areas of Liability for the Practicing Dentist

Monday
April 29, 2013
9 a.m. to 5 p.m.
7 CEUs
\$350

This course includes refreshments and lunch.

This course introduces general areas of legal liability for the practicing dentist. Through lecture and case discussion, legal concepts and principles including licensure, contract and tort law, informed consent and refusal, patient abandonment, and diversity and discrimination issues are presented.

Course objectives:

- Review of Jurisprudence laws and specific changes in Massachusetts licensure regulations
- Presentation of areas of civil and criminal liability
- Discussion of basic legal principles of contract and tort law, intentional torts and negligence, with regard to professional dental practice.
- Discussion of informed consent and refusal including issues of patient autonomy, truth telling, and paternalism
- Presentation of ethical and legal issues associated with treating patients with compromised capacity
- Review of legal issues relating to confidentiality in the context of the doctor/patient relationship, as well as mandated reporting requirements
- Presentation of legal issues relating to discrimination and the obligation to treat patients with infectious diseases

This course is suitable for:

General dentists
Specialist
Dental hygienists
Dental assistants
Dental technicians
Office personnel

Negaar Sagafi, DMD, AEGD, CAGS
Clinical Instructor, Department of Orthodontics & Dentofacial Orthopedics, GSDM



Orthodontic Implants: Temporary Attachment Devices

Monday
April 30, 2013
9 a.m. to 12 p.m.
3 CEUs
\$100

This course includes refreshments

In 1984, Creekmore documented the first clinical case of skeletal anchorage used in order to move teeth. Since then, the use of skeletal anchorage has become an invaluable armamentarium without which in certain cases our existing orthodontic options to move teeth would not address the goals of treatment. A small segment of this course will present the origin and evolution of orthodontic implants, also known as TAD (Temporal Anchorage Device). The core of this course will focus on clinical cases supported by evidence based studies in relation to characteristics of orthodontic implants and their applicability and use in cases. At the conclusion of this course, the participant will become knowledgeable in regards to the use of skeletal anchorage to move teeth or segments, and will be able to anticipate complications during the course of treatment.

Course Objectives:

- Have a basic overview of the origin of skeletal anchorage
- Understand the basic characteristics of all TADs
- Understand the different ways that TADs can be applied in achieving orthodontic treatment goals.
- Learn TAD insertion procedure in various locations intra-orally.
- Have an overview of potential insert sites with important anatomical factors to be aware of.
- Address management of problematic TADs, including loosening of TADs or infections.
- Acquire an in depth understanding of the differences in mechanics required to treat orthodontic cases with the use of TADs

This course is suitable for:

General dentists
Specialist

John McManama, DDS
Professor, Department of
General Dentistry, GSDM



Restoration of Endodontically Treated Teeth

Wednesday
May 8, 2013
1 p.m. to 5 p.m.
4 CEUs
\$125

This course includes refreshments.

The long term success of endodontic treatment is greatly dependent on how well the tooth is restored. This very practical course will address the many critical decisions and the wide array of options involved in the restoration of endodontically treated teeth in 2013.

This course will take a logical approach in addressing the following important topics:

- The significant difference between anterior and posterior teeth
- What is the “most appropriate” final restoration?
- When is an implant a better option?
- A logical comparison of direct and indirect core materials
- When is a post really needed?
- Glass fiber posts, pro’s & con’s
- Are cast post & cores still a viable option in 2013?
- Techniques & material selection (a blend of old and new)

Our goal is to understand the unique properties of endodontically treated teeth and to carefully choose the most logical combination of restorative materials and procedures to ensure a long and problem-free prognosis.

Suitable for:
General dentists
Specialists

Anita Gohel, BDS, PhD
Assistant Professor and Director of Oral Diagnosis and Radiology, GSDM
Diplomate, American Board of Oral and Maxillofacial Radiology



Zhimon Jacobson, DMD, MSD, FACD
Director, Division of Continuing Education and
Clinical Professor, Department of Restorative
Sciences & Biomaterials, GSDM



Dhurata Shosho, MA
Implant Coordinator, GSDM



Use of CT Scans in Implant Treatment Planning

Friday
May 10, 2013
9 a.m. to 5 p.m.
7 CEUs
\$ 195

This course includes refreshments and lunch.

This is a hands-on course.

Standard of care dictates that dentists who are providing care with dental implants to be familiar with the latest advancements in CT scan technology for treatment planning, surgical placement and prosthodontic care. In this course different types of CT Scan hardware and software will be discussed. In the hands-on segment of this course, participants will review multiple mandibular and maxillary CT Scans and apply CT Scan information into implant treatment. Several possible scenarios for prosthetic and surgical treatment planning will be reviewed.

At the completion of this course you will be able to:

- Communicate with the CT Scan center for optimum results
- Understand the basic technology of CT Scans
- Be able to read and make a diagnosis on mandibular and maxillary CT Scans and identify the limitations of different radiological exams.

Suitable For:
General dentist
Specialists

Nikki Tierney RD, LDN, CPT
A Healthy Balance, Inc, Quincy MA



Eating for a Healthy Mouth: Nutrition and Dental Disease

Monday
May 13, 2013
9 a.m. to 12 p.m.
3 CEUs
\$100

This course includes refreshments.

This course is intended to provide awareness and a better understanding of the connection between optimal nutrition, its impact on oral health, and clarify the dental professional's role in providing nutrition education to their patients.

Topics discussed include:

- The status of dental health in the United States
- The general relationship between nutrition and dental health
- Dietary considerations for the dental patient
- Nutritional counseling in the dental practice and how a diet affects dental caries and periodontal disease
- Vitamins, minerals, major nutrients, and antioxidants

Course Objectives:

- Dental professionals will be able to advise their patients on how best to eat in order to preserve dental health.
- Learn current dietary guidelines in the United States
- Correlation between nutrition and dietary factors related to dental caries
- Learn the role of key nutrients in building strong teeth and gums

Suitable For:

General dentist
Specialists
Dental hygienists
Dental assistants
Dental technicians
Office personnel

Judith Feinberg Albright
Esquire, Officer at Nelson,
Kinder, Mosseau & Saturley, PC



Catherine Sarkis, JD, MBA
Assistant Professor, Department of Health Policy
& Health Services Research
and Assistant Dean for Admissions , GSDM



“I have a court order!” CAUTION: How to respond to inspection, demands for records, and deposition requests without getting burned

Monday
June 3, 2013
9 a.m. to 5 p.m.
7 CEUs
\$350

This course includes refreshments and lunch.

The course will discuss:

- How to manage court orders regarding required testimony and production of evidence
- A basic understanding of privacy laws (including federal and state laws and the Mass. HIV testing statute)
- Prudent behavior related to office policies for employees and release of information
- How depositions (or pre-trial testimony) is conducted.

Course Objectives:

- Become familiar with the difference between a deposition subpoena, a documents subpoena, a request to appear for deposition, and a deposition subpoena
- Understand the scope of basic privacy rules under federal and Massachusetts law, and review the tools needed to develop compliant office policies
- Experience a mock deposition in a dental malpractice case

Suitable For:
General dentist
Specialists
Dental hygienists
Dental assistants
Office personnel

Mark Ferriero, DDS, MAGD
Clinical Associate Professor, Department of General Dentistry, GSDM



Steven Mollica, DMD
Clinical Instructor, Department of General Dentistry, GSDM

Debra Hong Pan, DMD, MS
Clinical Associate Professor, Director, Pre-doctoral Preclinical Remediation Program,
GSDM



Mannequin Fixed Dentistry: “Prepping” for the NERB from A to Z Part I

Monday
June 10, 2013
9 a.m. to 5 p.m.
7 CEUs
\$650
Limited Attendance



This is a hands-on course and includes refreshments and lunch.

Simulation fixed prosthodontics isn't just for sophomores anymore! One of the more challenging aspects of the NERB involves simulation mannequin fixed prosthodontics. Given the specific nature of the evaluation criteria governing ideal bridge abutment and all ceramic crown preparation, this course will serve to enhance, refresh, and provide a hands-on opportunity to improve one's skills in the art and science of simulation fixed prosthodontics.

Participants need to bring a 6 pin high speed handpiece, low speed handpiece with attachments, Tofflemire matrix retainer with metal matrix bands, wooden wedges, eye protection, ball burnisher, explorer, perio probe, dental mirror, cotton pliers, FG burs: Diamonds-Chamfer (narrow and wide), large football, flat-end tapered, beveling, and finishing; Carbides-Chamfer and beveling.

Course objectives:

- Comprehend and utilize NERB-based criteria for FPD abutment and all ceramic crown preparations
- Prepare ideal simulation full metal and PFM FPD abutment preparations and all-ceramic central incisor crown preparation
- Self-assess and self-correct your preparations
- Identify and troubleshoot the most common exam errors
- Learn what examiners are looking for in both quality fixed prosthodontics and mannequin-based dental procedures and treatment protocols in an exam setting
- Identify and utilize simple yet successful armamentaria for quality results in simulation exam preparations

Suitable for:
General dentists
Specialists

Yanling Jiang, DMD, DSc, CAGS
Associate Professor, Director of Pre-doctoral Endodontic Program, Department of
Endodontics, GSDM



Simulation Endodontics: “Prepping” for the NERB from A to Z Part II

Thursday
June 13, 2013
9 a.m. to 5 p.m.
7 CEUs
\$650

This course includes refreshments and lunch.

This is a hands-on course that covers the evaluation criteria for the NERB endodontic examination. The program serves to enhance, refresh, and improve one’s skills in the performance of simulation endodontics.

Course objectives:

- Comprehend and utilize NERB-based criteria for endodontic therapy of tooth #8 and access cavity of tooth #3
- Prepare ideal simulation for root canal therapy of tooth #8 and access opening on tooth #3
- Self-assess and self-correct preparations
- Identify and troubleshoot the most common exam errors
- Learn what examiners are looking for in quality endodontic treatment and mannequin-based dental procedures and treatment protocols in an exam setting
- Identify and utilize simple yet efficient armamentaria for quality results in simulation exam preparations

Participants need to bring a 6 pin high speed and a low speed handpiece with attachments; mirror (handle with ruler); endo explorer; cotton forceps; Boley gauge (mm); Miltex to measure the tooth #8; friction-grip round burs; #2 and #4 surgical lengths; Gates-Glidden drills #3 and #4; Endo Z bur; Schilder plugger #10 or 10 1/2; glass slab and metal cement spatula; FM conventional Gutta-percha cones; Kerr’s (E.W.T.) root-canal sealer; medium or coarse paper points; iris scissors; rubber dams; rubber dam punch; frame and clamp forceps; molar clamp for tooth #2 optional (no clamp on the endo tooth); floss; Wedjits (yellow); and files #25, #30, #35, #40, #45, #50, #55, and #60 with rubber stoppers; rotary instruments optional

Suitable for:
General dentists
Specialists

Mark Ferriero, DDS, MAGD
Clinical Associate Professor, Department of General Dentistry, GSDM



Steven Mollica, DMD
Clinical Instructor, Department of General Dentistry, GSDM

Neal Fleisher, DMD, CAGS
Clinical Assistant Professor, Department of General Dentistry, GSDM



Debra Hong Pan, DMD, MS
Clinical Associate Professor, Director, Pre-doctoral Preclinical Remediation Program, GSDM



Operative Dentistry & Periodontics: “Prepping” for the NERB from A to Z Part III

Monday
June 17, 2013
9 a.m. to 5 p.m.
7 CEUs
\$650
Limited Attendance



This is a hands-on course and includes refreshments and lunch.

The morning portion of this course reviews the fundamentals of ideal cavity preparation for Class II Amalgam and Class III Composite for the operative restorative section of the NERB-administered ADLEX. Participants will receive feedback on their hands-on dentoform preparations based on NERB-based exam criteria. This is a suitable course for those dentists wishing to refine their skills in basic restorative dentistry.

The afternoon session will review the patient selection criteria and discuss in detail the requirements and limitations of choosing a patient for the examination and the pitfalls and problems candidates often face in attempting to pass the NERB. A laboratory session to review the identification and removal of calculus on models with simulated calculus will follow, along with a review of all relevant written forms associated with the examination.

Participants should bring a 6 pin high and low speed handpieces with FG and LG contra-angle attachments; an explorer; perio probe; mouth mirror; chisels/planes; sickle scaler; slow speed #4 and #6 (round), #329 and #330 high speed carbides, beveling diamond, and carbide burs; Tofflemire matrix retainer; matrix bands; wizard wedges; mylar strips; 7/8, 11/12, and 13/14 Gracey curette; sub-zero vision curvette; 11/12 explorer; sharpening stone; and safety glasses.

Suitable for:
General dentists
Specialists

Dr. Anita Gohel, BDS, PhD
Assistant Professor, Department of General Dentistry and Director of Oral Diagnosis & Radiology, GSDM



Mary Ellen Sholes, AAS
Dental Radiology Technologist, Oral Diagnosis & Radiology, GSDM
Arvi Duka, DMD Clinical Instructor of General Dentistry, GSDM



**Radiology Certification Program for the Dental Assistant
Part I: Lecture* and Part II: Clinic**

Friday
June 21 and Saturday, June 22, Sunday, June 23 or Saturday, June 29, 2013
8 a.m. to 4 p.m.
12 or 16 CEUs
\$225

This is a hands-on course and includes lunch on the day of the lecture. Please choose a clinical session when you register as treatment centers have limited space. Participants must be at least 18 years of age.

This is a review course dealing with the basic concepts of oral and maxillofacial radiology. The course covers the historical background of X-rays, radiation physics, biology, radiation protection, infection control, dental X-ray machine components, dental film, digital receptor, anatomical landmarks, bitewings, periapical exposures, processing and mounting films, and identifying and correcting exposure or processing errors. Participants will expose, process, mount, and evaluate the radiographs on mannequins.

Clinic A: Saturday, June 22, 7:30 to 11:30 a.m.
Clinic B: Saturday, June 22, 10 a.m. to 2 p.m.
Clinic C: Sunday, June 23, 7:30 to 11:30 a.m.
Clinic D: Sunday, June 23, 10 a.m. to 2 p.m.
Clinic E: Saturday, June 29, 8 a.m. to 4 p.m.**

In this four-hour clinic session, participants will have taken the written exam; taken satisfactory periapical, bitewing, and occlusal films; properly processed films; mounted and labeled radiographs; become familiar with dental panoramic and cephalometric radiographs; and self-analyzed radiographic technical and processing errors.

This course meets the requirements of the Commonwealth of Massachusetts and New Hampshire Boards of Dentistry. This course is also an excellent review for dental assistants planning to take the Dental Assisting National Board (DANB) to become a Certified Dental Assistant (CDA).

* Part one is also available online.

**All New Hampshire residents who plan to work in New Hampshire should register for Clinic E.

Suitable for:
Dental assistants
Office personnel
Dental technicians

George Priest, DMD
Diplomate of American Board of Prosthodontics
Private Practice, Hilton Head Island, SC



Reaching New Heights in Esthetics for Edentulous Patients

Friday
June 28, 2013
9 a.m. to 12 p.m.
3 CEUs
\$100

This course includes refreshments.

Technological breakthroughs in materials and techniques offer superior esthetics and durability to prostheses for edentulous patients. Beginning with conventional dentures and progressing to fixed and removable implant prostheses. This course will feature innovative treatment options that demonstrate proven longevity. Clinical examples and video segments will demonstrate computer-guided surgery for expedited and accurate prosthetically driven placement; CAD/CAM designed and manufactured frameworks that are precise and durable; and improved resins and ceramics for stronger and more lifelike tooth replacements. The impact of these advancements on clinical practice represents a significant development in enhancing implant treatment outcomes for edentulous patients.

Learning Objectives

- Learn contemporary treatment protocols for edentulous patients
- Select appropriate implant options for edentulous maxillae and mandibles
- Position and distribute implants optimally for overdentures and fixed complete dentures
- Direct the laboratory for ideal framework fabrication and tooth arrangement
- Place implant attachments using an accurate and expedited chairside protocol
- Use CAD/CAM technology for superior framework fabrication

Suitable for:
General dentists
Specialists

George Priest, DMD
Diplomate of American Board of Prosthodontics
Private Practice, Hilton Head Island, SC



Soft-tissue Development with Provisional and Definitive Implant Restorations for Optimal Esthetics

Friday
June 28, 2013
1 p.m. to 5 p.m.
4 CEUs
\$125

This course includes refreshments.

Esthetic implant restorations require a sound understanding of peri-implant profiles and a technical foundation of appropriate implant components. As a critical member of the implant team, the restorative dentist is primarily seen as the clinician providing the definitive implant restoration. That role, however, extends far beyond hard tissue esthetics and includes a significant responsibility in soft tissue development which is necessary for optimal esthetic outcomes. This session will include a discussion on immediate placement and aesthetic restoration of implants in appropriate situations. This course will examine restorative dentist/implant surgeon collaboration to achieve optimal periimplant profiles primarily with anatomically contoured provisional restorations and definitive abutment and crown contours that maintain long-term soft tissue stability. Step-by-step clinical examples and videos demonstrate provisional restoration techniques. Results are examined from initiation of treatment to long-term follow-up for periods of over 20 years.

Learning objectives:

- Adopt surgical and restorative protocols that maximize soft tissue potential of single and multiple implants
- Create esthetic chairside implant provisional restorations
- Optimize implant sulcular profiles in the esthetic zone
- Develop anatomical periimplant esthetics for single and multiple edentulous spaces and completely edentulous patients

Suitable for:
General dentists
Specialists



Catherine Sarkis, JD, MBA
Assistant Professor, Department of Health Policy
& Health Services Research
and Assistant Dean for Admissions , GSDM

Legal Documentation and Record Keeping

Monday
July 8, 2013
9 a.m. to 5 p.m.
7 CEUs
\$350

This course includes refreshments and lunch.

Records are the key to continued care for the patient and the backbone to any defense in a malpractice suit. This course makes the dentist aware of the role and importance of dental records and teaches what to record and which forms are vital for a healthy practice. At the end of the course, participants will be able to put in place a risk management system as well as conduct an audit of their present risk management status and isolate and correct the weaknesses.

Course objectives:

- Enhance doctor/patient communication
- Optimal use of informed consent
- Dismissal of the “problem patient”: recording the how and why
- Use of key words and phrases
- Discussion of malpractice avoidance
- Presentation of the structure of a lawsuit
- Description of the potential plaintiff: the “red flag”
- When treatment is completed: what to do?
- Use of the record as “preventative management”
- How long should records be kept?
- Required record content
- Inclusion of the patient’s complete health history

Suitable for:
General dentists
Specialist
Dental hygienists
Dental assistants
Office personnel

Charles S. Greene, DDS
Clinical Professor, Department of Orthodontics,
Director of Orofacial Pain Studies,
University of Illinois College of Dentistry



Diagnosis and Management of Temporomandibular Disorder

Friday
July 12, 2013
9 a.m. to 5 p.m.
7 CEUs
\$195

This course includes refreshments and lunch.

Participants may bring case records of temporomandibular disorder (TMD) patients to discuss with Dr. Greene and other course participants.

Proper diagnosis and treatment of TMD are important for both practitioners and patients. To meet the needs of both, all dentists should be aware of the latest research and clinical guidelines in the field.

Course objectives:

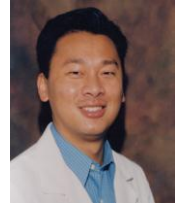
- Learn how to do a differential diagnosis on orofacial pain patients
- Review past and present TMD etiologies
- Learn to screen patients for TMD
- Review updates in bruxism
- Learn about oral appliances for TMD and bruxism

Suitable for:
General dentists
Specialists

Dr. Frederick Hains, FAGD
Clinical Assistant Professor,
Department of General
Dentistry and Course Direc-
tor, Treatment Planning and
Patient Management, GSDM



Sein Siao, BDS, DMD
Clinical Assistant Professor,
Department of General
Dentistry, GSDM



Introduction to CEREC

Thursday
July 25, 2013
9 a.m. to 5 p.m.
7 CEUs
\$595

This is a hands-on course and includes refreshments and lunch.

This course is sponsored by CEREC®.

This is a basic course for the beginner and those interested in learning about this CAD/CAM technology. Participants will learn how to do simple restorative procedures such as crowns and onlays, as well as the preparation styles that work best for all ceramic restorations and CEREC® restorations in particular. The course will offer hands-on experiences in basic production of a restoration for a single tooth.

Course objectives:

- Become familiar with the CEREC® system
- Learn the preparation style that is most successful with CEREC®
- Decide if CEREC® is appropriate for your practice

Suitable for:
General dentists
Specialists

Zhimon Jacobson, DMD, MSD, FACD
Director, Division of Continuing Education and
Clinical Professor, Department of Restorative
Sciences & Biomaterials, GSDM



Has Implantology Changed Your Practice Yet?

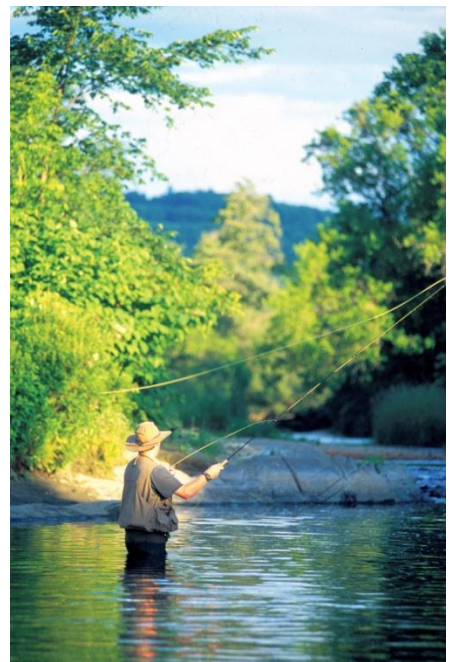
Friday
August 2, 2013
9 a.m. to 5 p.m.
7 CEUs
\$295 (program only)
Stoweflake Mountain Resort & Spa*
Stowe, Vermont

Stoweflake Mountain Resort & Spa is offering a special room price for those participating in this weekend's course. Please contact the Inn directly to receive the discounted rate: (800) 253-2232.

Module 1: Evidence based approach to treatment planning

Module 2: Current surgical and restoration options

Module 3: Long term follow-up of implant cases



Course Description:

This course will review the latest advancements in treatment planning, surgical placements, and restoration of dental implants.

Course Objectives:

First Module: Evidence Based Approach to Treatment Planning

- Root Canal Therapy vs Implant Placement
- Review of most common mistakes
- Treatment planning with CT Scan—Hands on
- What the future holds

Second Module: Current Surgical and Restoration Options

- Implant anatomy and selection and surgical implications
- Material choices and options
- Abutment selection

Third Module: Long Term Follow-up of Implant Cases

- What we can expect
- What we have learned
- Future trends

Suitable for:

General dentists

Specialists



**Cruise and Learn Mediterranean
August 11 to 18, 2013**

Ronni Schnell, DMD
Clinical Professor
General Dentistry Department, GSDM



Transforming Denture Patients to Dental Patients: Updates in Removable Prosthodontics 2013

\$495 Dentists
\$395 Allied Health Professionals
9 CEUs

Module 1: Current concepts—Predicable

Denture Prosthodontics: What really works?

Module 2: Go ahead, bite into that apple!

Module 3: The future is now...



Cruise Itinerary

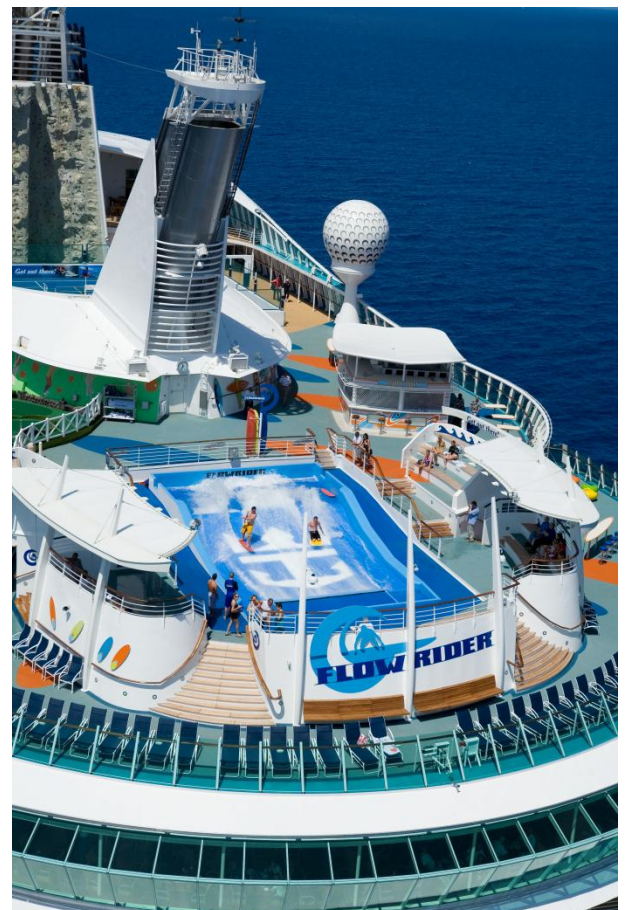
DATE	PORT OF CALL	ARRIVE	DEPART
Sun Aug 11	Barcelona, Spain	—	5 p.m.
Mon Aug 12	Provence (Toulon), France	8 a.m.	6 p.m.
Tue Aug 13	Livorno (Pisa/Florence), Italy	7 a.m.	7 p.m.
Wed Aug 14	Civitavecchia (Rome), Italy	7 a.m.	7 p.m.
Thu Aug 15	Ajaccio, Corsica Lectures 2 p.m.–5 p.m.	7 a.m.	2 p.m.
Fri Aug 16	Naples (Capri), Italy	7 a.m.	7 p.m.
Sat Aug 17	At Sea Cruising Lectures 8 a.m.–noon; 1 p.m.–4 p.m.	—	—
Sun Aug 18	Barcelona, Spain	6 a.m.	—

Course Description:

One of the most challenging treatments in dentistry is providing patients with functional, comfortable and esthetic removable Prosthesis. From fabrication of the "ideal" denture to transforming your denture patient into a "dental" patient, this evidence-based 3 part continuum will review the basics, present tips and glimpse into the future of new technologies.

Course Objectives:

- Strategies for complete and removable partial denture success.
- Space analysis techniques to determine restorative options from simple to complex.
- Attachment options for root-retained to implant overdentures.
- A look at digital and CAD-CAM dentures
- Photographic techniques using a simple camera and to enhance your case presentations.



Taraneh Maghsoodi-
Zahedi, DDS
Diplomate, American Board
of Oral & Maxillofacial
Radiology, Oral and Maxillofacial
Radiologist



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Implant Coordinator
Oral Diagnosis & Radiology, GSDM



**Radiology Certification Program for the Dental Assistant
Part I: Lecture* and Part II: Clinic**

Friday
August 23 and Saturday, August 24, Sunday, August 25, 2013
8 a.m. to 4 p.m.
12 CEUs
\$225

This is a hands-on course and includes lunch on the day of the lecture. Please choose a clinical session when you register as treatment centers have limited space. Participants must be at least 18 years of age.

This is a review course dealing with the basic concepts of oral and maxillofacial radiology. The course covers the historical background of X-rays, radiation physics, biology, radiation protection, infection control, dental X-ray machine components, dental film, digital receptor, anatomical landmarks, bitewings, periapical exposures, processing and mounting films, and identifying and correcting exposure or processing errors. Participants will expose, process, mount, and evaluate the radiographs on mannequins.

Clinic A: Saturday, August 24, 7:30 to 11:30 a.m.
Clinic B: Saturday, August 24, 10 a.m. to 2 p.m.
Clinic C: Sunday, August 25, 7:30 to 11:30 a.m.
Clinic D: Sunday, August 25, 10 a.m. to 2 p.m.

In this four-hour clinic session, participants will have taken the written exam; taken satisfactory periapical, bitewing, and occlusal films; properly processed films; mounted and labeled radiographs; become familiar with dental panoramic and cephalometric radiographs; and self-analyzed radiographic technical and processing errors.

This course meets the requirements of the Commonwealth of Massachusetts Board of Dentistry. This course is also an excellent review for dental assistants planning to take the Dental Assisting National Board (DANB) to become a Certified Dental Assistant (CDA).

Suitable for:
Dental assistants
Office personnel
Dental Technicians

General Information

Registration and Payment

Please fill out and return the registration form along with full tuition for each course. Participants must submit full payment for registration to be valid. Please make checks payable to Boston University Henry M. Goldman School of Dental Medicine (GSDM) and mail to the address below.

100 East Newton St
Suite G-428
Boston, MA 02118

Participants can register with a credit card by telephone or fax. GSDM accepts MasterCard, Visa, and Discover. Please call 617-638-5656 or fax 617-638-5051. Participants may also register online with a credit card through the secure website at <http://dentalschool.bu.edu/ce>. A letter of confirmation will follow once GSDM receives tuition payment.

GSDM processes applications in the order they are received and accepts last minute registrations only if space is available. Please contact the Division of Continuing Education before arriving to ensure a space in the course.

Frequent Participation Program

Any participant who takes three courses (on-site, off-site, or online) within one year may take a fourth course of equal or lesser value free. The free course may be a one-day unlimited enrollment course or an online course of the participant's choice. Participants may also use the equal value credit towards a limited enrollment course, a multiple day course, or a higher value online program.

Time and Location

Courses take place at GSDM unless otherwise noted. Participants can access online programs at <http://dentalschool.bu.edu/ce>.

Course Credit

For on-site programs, GSDM will issue a verification of participation at the end of the course to confirm attendance and the number of continuing education units earned.

For online programs, participants must submit a test online or by fax. Participants who achieve a score of 80 percent or higher will receive a "Verification of Participation".

Replacing "Verifications of Participation" for courses cost \$50.

GSDM is designated as a nationally approved sponsor by the Academy of General Dentistry and is an ADA CERP® Recognized Provider.

Recording Classes

Please notify GSDM in advance if you wish to record a class to obtain approval. Participants may only use recorders at the discretion of the instructor.

Cancellations and Refunds

GSDM will grant refunds for all cancellations received in writing at least 15 days prior to the course date. GSDM retains a \$25 registration fee when a refund is issued for courses less than \$300 and a \$50 fee for courses \$300 or more. GSDM will grant a full refund if the School must cancel a course due to unforeseen circumstances. The School will try to contact all registrants at the time of cancellation. GSDM is not responsible for reimbursement of a non-refundable airline ticket or other travel arrangements if a course is cancelled.

Disclaimers

GSDM Division of Continuing Education is committed to presenting the most current knowledge in dentistry. Some new theories and procedures may be deemed controversial.

Corporate sponsorship of a GSDM program does not equate to an endorsement of or preference for any product or procedure.

GSDM Division of Continuing Education does not provide insurance for workshop courses. Participants must provide proof of liability and malpractice insurance for courses requiring patients.

REGISTRATION FORM

Name	Title	
Address		
City	State	Zip Code
Telephone	Fax	
Email	Type of Practice	
Dental School Graduated From	Year	
Course	Dates	Fee
Course	Dates	Fee
Course	Dates	Fee

*** For Radiology please choose your clinic***

For enrollment, please complete the registration form and mail along with the full tuition for each course. Make checks payable to BUGSDM; or if you prefer to charge the tuition, complete the required credit card information.

Please Charge To:



Mastercard



Visa



Discover

Account #	Expiration Date
Name on Card	Total to charge

*Card Card registrations
may also be faxed
to 617 638 5051*

Please mail all correspondence to: BUGSDM Continuing Education
100 East Newton St., Suite G428
Boston, MA 02118

Directions and Contact Information

GSDM is located at the corner of Albany and East Newton Streets.

From the north: Follow Route 1 (via Mystic/Tobin Bridge) to I-93 to Route 3/I-93 (Southeast Expressway or Central Artery) South. Take exit 18 (Massachusetts Avenue). At the traffic light, take a right onto the access road; stay in the right lane.

At the end of the access road, turn right onto Massachusetts Avenue. Take the first right onto Albany Street. Take the second left onto East Newton Street. The School is the first building on the right.

From Logan Airport: Go through the Sumner Tunnel (Route 1A South) to I-93 South. Take exit 18 (Massachusetts Avenue) and follow the directions from the north above.

From the west: Take Route 90 (Massachusetts Turnpike) East to the end. Take I-93 South to exit 18 (Massachusetts Avenue) and follow the directions from the north above.

From the south: Take Route 3/I-93 North to exit 17-18 (Massachusetts Avenue). Watch for signs. At the second traffic light, turn right onto the access road; stay in the right lane and follow the directions from the north above.

Parking is available in the Albany Garage at 710 Albany Street and costs a maximum of \$30 per weekday. The cost is \$5 per day Saturdays. Additional parking is available at the Doctor's Office Building at 720 Harrison Avenue and also costs \$30 per day. Regretfully, GSDM is unable to validate parking.

By public transportation: GSDM is accessible by MBTA bus routes 1, 8, 10, 47, CT1, and CT3. Contact the MBTA at 617-222-3200 or visit www.mbta.com for current bus schedules and route information.

Contact Information

Please feel free to contact us with any questions about programs or to register for any program offered by the Division of Continuing Education.

Boston University Henry M. Goldman School of Dental Medicine Division of Continuing Education
100 East Newton Street, G-428 Boston, MA 02118 T: 617-638-5656 or 617-638-5050 F: 617-638-5051 busdmce@bu.edu dentalschool.bu.edu/ce