Continuing Dental Education

2017 Program

PA RENEWAL IS MARCH 31, 2017

HAVE YOU SATISFIED ALL YOUR CONTINUING EDUCATION REQUIREMENTS YET?

“A Center for Excellence in Clinical Dental Education”

Our mission is to develop and enhance continuing education programs for Temple University Kornberg School of Dentistry consisting of educational activities designed to review existing concepts and techniques, to convey information beyond the basic dental education and to update knowledge on advances in dental and medical science.

Course Directory

- Nitrous Oxide Sedation (HANDS-ON)
- Interpretation of Panoramic Imaging and 3D Cone-Beam Computed Tomography (CBCT)
- Medical Emergencies in the Dental Office
- A Comprehensive Review of Pediatric Dentistry for the General Practitioner and Staff
- Definitive Aesthetic Restorative Dentistry
- Fundamentals of Soft and Hard Tissue Lasers for Clinical Dentistry (Hands-On)
- Jewels You Can Use On Monday
- Oral Mucosal Disorders: Guidelines for the Dental Professional
- Hands On Endodontic Course
- Choosing Our Abutments
- Minimal Invasive Aesthetic Dentistry (Hands On)
- Bender, Seltzer and Grossman Academic Review of Endodontology
- Orthodontic Diagnosis and Treatment Planning for the General Dentist
- 7th Annual Straumann Distinguished Speaker Lecture: Implant Dentistry Based on Biology and Predictability, From Tooth Extraction to Implant Placement
- Esthetic Dentistry and Periodontal Prosthesis
- The Full Crown Preparation (Hands On)
Is Occlusion an Illusion? The Reality of Occlusion

Date: Friday, January 6, 2017
Time: 9:00 a.m. – 12:00 p.m.
Registration: 8:30 a.m.
Location: Temple University Kornberg School of Dentistry
3223 N. Broad Street, Seminar Room 1, 1st Floor, Old Dental Building
Philadelphia, PA 19140
Tuition: Dentist $195   DT $95
Credits: 3 (L)

This course is a comprehensive review of Occlusion in Dentistry. Participants will learn of the history of Gnathology as well as current concepts in occlusion. A discussion of the fundamentals of an ideal occlusion will be covered as well as deviations from the ideal: physiologic occlusion, pathologic occlusion, and therapeutic occlusion. The final goal of this course will assist the participant in developing and executing a practical philosophy of occlusion in fixed and removable prosthodontics, as well as in implantology. Participating clinicians will be able to use these principles in occlusion in everyday clinical practice.

Upon course completion, you will:
- Understand the components that make up the stomatognathic system.
- Understand the principles of form and function of the stomatognathic system.
- Be able to identify and diagnose the differences between physiologic and pathologic occlusion.
- Understand if and when intervention and treatment is necessary to establish a therapeutic occlusion.
- Understand the principles of posterior bite collapse.
- Understand the goals in establishing a therapeutic occlusion.
- Be able to apply various occlusal designs in fixed, removable, and implant prosthesis.
- Understand when an articulator is necessary in achieving therapeutic success.
- Learn to apply principles of functional occlusion in everyday practice.

Presenters

David Donatelli, DDS

Dr. Donatelli is a graduate of Temple University School of Dentistry, and did his Prosthodontic training also at Temple University. He maintained a full-time private practice dedicated to prosthodontics in Monroeville, PA for 30 years. He was a part-time member of the faculty at the University of Pittsburgh School of Dental Medicine, doing both clinical and didactic teaching. He is now a full-time faculty member at Temple University Kornberg School of Dentistry, serving as an Assistant Professor in the Department of Restorative Dentistry and working in the Faculty Practice. He was a member of the American College of Prosthodontists Task Force on Occlusion, which published its findings in the Journal of Prosthodontics.
Scott Nakamura, DMD

Dr. Nakamura is a graduate of the University of Pennsylvania, School of Dental Medicine, and did his Periodontal and Periodontal-Prosthetic training also at the University of Pennsylvania. He was a full-time member of the faculty at the University of Pennsylvania, working in the Faculty Clinic and doing both clinical and didactic teaching. Also while at Penn he served as Clinical Assistant Professor and Clinical Group Leader in the Department of Preventative and Restorative Sciences. He is currently in private practice in Media, PA and also serves as part-time Clinical Assistant Professor in the Advanced Education in General Dentistry program at the Maurice Kornberg School of Dentistry at Temple University. He is President of the Advisory Board for the dental assisting program at the Delaware County Technical School. Dr. Nakamura is the author of several articles in medicine and dentistry and brings 20 years of clinical, practical, and teaching experience in implants and advanced restorative dentistry.

Dr. David Donatelli: No relevant financial relationships to disclose.
Dr. Scott Nakamura: No relevant financial relationships to disclose.
CE Planning Committee: Members of the CE planning committee have no relevant financial relationships to disclose.
**Alumni Association Event**
*If you would like to register for this course below please contact Krystal Lespinasse in the Office of Development and Alumni Relations via 215-707-9005 or ksl@temple.edu.*

**Current Topics and Complications in Endodontics**

**Date:** Saturday, January 14, 2017  
**Time:** 8:30am – 11:30am  
**Registration:** 8:00 a.m.  
**Location:** Temple University Kornberg School of Dentistry  
3223 N. Broad Street  
Philadelphia, PA 19140  
**Tuition:** Free to current KSod Alumni Association members  
All Others: $95  
**Credits:** 3 (L)

The lecture will begin with a brief discussion about Endo/Implant trends in current treatment planning. The prevalence of cracked teeth will be discussed and the advantages of CBCT technology. Complications such as sinus involvement, treatment of otherwise hopeless teeth, and several other complex cases will be shown all involving modern endodontic techniques.

**Upon course completion, you will:**
- Understand the difference between Endo Success and Implant Survival rates
- Know when a cracked tooth can be saved or when it needs to be extracted
- Learn about the many uses for 3D imaging
- Understand treatment planning of complex cases

**Presenter**
Dr. Sam Kratchman

Dr. Sam Kratchman was born and raised in New York. He received a B.S. in Biology and a D.M.D. both from Tufts University in Boston, Massachusetts. Sam then entered the University of Pennsylvania, where he received a certificate of endodontics, and currently serves as an Associate Professor of Endodontics and the Assistant Director of Graduate Endodontics, in charge of the microsurgical portion of the program. Dr. Kratchman has authored several articles and chapters on endodontics and intentional replantation for the Microsurgery in Endodontics textbook, and the Dental Clinics of North America. He also developed a patented instrument called the S Kondenser for the obturation of root canals. Both Main Line Today and Doctor of Dentistry magazines honored Dr. Kratchman as the cover story for their “Best of” issues. Dr. Kratchman lectures on several topics of endodontics throughout the United States, Europe, Scandinavia, South America, Canada and Asia. He also maintains two private practices, limited to endodontics, in Exton and West Chester Pennsylvania.

Dr. Sam Kratchman: No relevant financial relationships to disclose.  
CE Planning Committee: Members of the CE planning committee have no relevant financial relationships to disclose.
Prosthetically Driven Implant Dentistry: Treatment Planning and Complication Management

Date: Friday, January 27, 2017
Time: 9:00 a.m. – 4:00 p.m.
Registration: 8:30 a.m.
Location: Temple University Kornberg School of Dentistry
3223 N. Broad Street, Seminar Room 1, 1st Floor, Old Dental Building
Philadelphia, PA 19140
Tuition: Dentist $295  DT $125
Credits: 6 (L)

Dental implant restoration has achieved high successful rate, long-term predictable outcome and wide indications. However, complications exist on the implant level and prosthesis level. Surgical guide is an indispensable tool to ensure the safe, efficient and “can-be-used” implant placement. This course will introduce how step by step plan implant placement based prosthetic requirement and how to solve various dental complications; How to choose among various surgical guide systems to ensure an esthetic, functional and long-term stable final restoration, including prefabricated surgical guide, lab-fabricated guide, Anatomage computer surgical guide, Nobel surgical guide and Straumann surgical guide.

Upon course completion, you will:
- Understand the various implant complications.
- Understand the surgical design and restoration design for partial edentulism, esthetic zone issue and complete edentulism.
- Understand the workflow of different guide system.
- Understand the difference among Anatomage computer surgical guide, Nobel computer surgical guide and Straumann computer surgical guide.
- Understand the difference between tooth-supported surgical guide, soft tissue-supported surgical guide, bone-supported surgical guide, and mini-implant supported surgical guide.

Presenter
Hai Qing, DDS, MDS, PhD
Dr. Qing DDS, MDS, PhD is a Diplomat of American Board of Prosthodontics, Assistant Professor, and Director of Fixed Prosthodontics Course in the Department of Restorative Dentistry at the Maurice H. Kornberg School of Dentistry, Temple University, Philadelphia. He has published 8 research articles in peer-reviewed journals and presented his research/clinical work at approximately 10 international meetings in the field of prosthodontics and bone biology. Dr. Qing also serves as a manuscript reviewer for several dental academic journals such as Journal of Prosthodontics, JOMI, Open Dental Journal, European Journal of Oral Sciences, etc. He earned his DDS in 2003. In 2009, he achieved his PhD in Bone biology at the Sichuan University and University of Missouri-Kansas City. He completed his postgraduate specialty training in Prosthodontics from Eastman Institute for Oral Health University of Rochester, NY, USA.

Dr. Hai Qing: No relevant financial relationships to disclose.
CE Planning Committee: Members of the CE planning committee have no relevant financial relationships to disclose.
Nitrous Oxide Sedation (HANDS-ON)

Date: Wednesday – February 8, 2017
Time: 8:00 a.m. – 4:00 p.m.
Registration: 7:30 a.m.
Location: Temple University Student Faculty Center
3340 North Broad Street, 4th Floor, Auditorium
Philadelphia, PA 19140
Tuition: Dentist $800
Credits: 7 (L/P)

Would you like an update on Nitrous Oxide Sedation? Would you like to fulfill the Commonwealth of Pennsylvania’s Board of Dentistry Certification on Nitrous Oxide Administration? This course will give dentists the opportunity to administer as well as monitor nitrous oxide analgesia. This program is ideal for dentists who are already using nitrous oxide sedation but want an update on new materials, techniques and precautions. This course is designed to provide information and knowledge to qualify a dentist for a Pennsylvania State Board of Dentistry restricted permit II, to administer nitrous oxide/oxygen analgesia. The Nitrous Oxide Sedation course also provides supplemental books by Dr. Stanley F. Malamed entitled Sedation and Medical Emergencies in the Dental Office.

In order to obtain your Nitrous Oxide Certification you will:
1. Complete the Nitrous Oxide Sedation course.
2. Complete the lecture course “Medical Emergencies in the Dental Office” on March 8, 2017
3. Provide proof of an active BCLS certificate (obtained separately by the participant, not part of this program).
4. Complete clinical training in Temple University Kornberg School of Dentistry’s Oral and Maxillofacial Pathology, Medicine and Surgery Department (arranged at the mutual convenience of the Department and the participants after the completion of both courses stated above).

Upon course completion, you will:
- Understand and be familiar with the physiology of N₂O / O₂ analgesia.
- Understand the technique for the administration of N₂O / O₂ analgesia.
- Have fulfilled the requirements of the Pennsylvania State Board of Dentistry for a restricted permit II.

Presenters

Stanton Braid, DMD
Clinical Associate Professor, OMPMS, Temple University Kornberg School of Dentistry

Allen F. Fielding, DMD, MD, MBA
Professor, OMPMS, Temple University Kornberg School of Dentistry

Dr. Stanton Braid/Dr. Allen Fielding: No relevant financial relationships to disclose.
CE Planning Committee: Members of the CE planning committee have no relevant financial relationships to disclose.
Interpretation of Panoramic Imaging and 3D Cone-Beam Computed Tomography (CBCT)

Date: Friday, February 17, 2017
Time: 9:00 a.m. – 4:00 p.m.
Registration: 8:30 a.m.
Location: Temple University Kornberg School of Dentistry
3223 N. Broad Street, Seminar Room 1, 1st Floor, Old Dental Building
Philadelphia, PA 19140
Tuition: Dentist $295 DT $125
Credits: 6 (L)

Panoramic radiography and cone-beam computed tomography (CBCT) are widely used in dental practice. They are particularly useful for diagnosis of maxillary and mandibular lesions, pre-surgical assessment for dental implants, TMJ abnormalities, orthodontic and endodontic treatment planning, third molar extraction, and sleep apnea study. To better use these two image modalities in assessment of maxillary and mandibular dentitions, alveolar processes, and adjacent maxilla-facial structures, the dentists and dental specialists need to know anatomy, imaging technique errors, and common and uncommon pathology demonstrated on these two imaging modalities.

Upon course completion, you will:
- Be familiar with anatomy, technique errors, and common and uncommon pathology on panoramic radiography.
- Have fundamental knowledge of CBCT anatomy, variation of normal anatomy, common pathology in the jaws, and incidental findings in the paranasal sinuses, upper neck, skull base, and cervical spine.

Presenter
Jie Yang, DDS, MMedSc, MS, DMD

Dr. Yang is Professor and Director of Oral and Maxillofacial Radiology at Temple University. He has been an American Board Certified Oral and Maxillofacial Radiologist since 1996. Currently Dr. Yang is President of American Academy of Oral and Maxillofacial Radiology (AAOMR). He is President-elect and Newsletter Editor of the International Association of Dento-Maxillo-Facial Radiology (IADMFR). He has served as the Councilor of Educational Affairs, Voting Representative of AAOMR to the ADA’s Standards Committee, and Chair of AAOMR’s Position Paper Committee. He has published 60 peer-reviewed articles and more than 100 research abstracts, many of them in prestigious dental and radiology journals, such as American Journal of Neuroradiology, Investigative Radiology, Oral Surgery, Oral Medicine, Oral Pathology, and Oral Radiology (OOOO), and Dento-Maxillo-Facial Radiology. Dr. Yang has supervised many international visiting scholars and lectured world-wide.

Dr. Jie Yang: No relevant financial relationships to disclose.
CE Planning Committee: Members of the CE planning committee have no relevant financial relationships to disclose.
Alumni Association Event
If you would like to register for this course below please contact Krystal Lespinasse in the Office of Development and Alumni Relations via 215-707-9005 or ksl@temple.edu.

How to Create Beautiful and Functional Results with Composites

Date: Saturday, March 4, 2017
Time: 8:30am – 11:30am
Registration: 8:00 a.m.
Location: Temple University Kornberg School of Dentistry
3223 N. Broad Street
Philadelphia, PA 19140
Tuition: Free to current KSoD Alumni Association members
All Others: $95
Credits: 3 (L)

Today's restorative dentists need to enhance their cosmetic skills in order to achieve growth and profitability in their practices. This lecture will demonstrate a simplified method of restoring the fractured maxillary anterior central incisor with composite resin and how to and predictably treat posterior teeth, cervical (abfraction) lesions, and incisal wear with beauty, strength and function beyond patient expectations. Although the material science of composites has improved dramatically, the placement remains highly technique-sensitive. This course will demonstrate, in a step-by-step fashion, how to place composites quickly and easily, so that an aesthetic result with a high success rate and predictable outcome can be achieved.

Upon course completion, you will:
- How to quickly treat the classic fractured anterior tooth with a simplified composite layering technique.
- Know where to place opaque (dentin) and body (enamel) shades of composite.
- How to restore the anterior fractures tooth using only 2 shades of composite.
- How to discuss the importance of polymerization shrinkage versus polymerization shrinkage stress.
- How to quickly place sensitive-free posterior composites with sealed subgingival margins.
- Review how to predictably treat incised wear with composite

Presenter
Dr. Robert Marus

Dr. Marus of Yardley, Pennsylvania, is accredited by the American Academy of Cosmetic Dentistry. The Academy of Cosmetic Dentistry is the premiere organization for the specialty of cosmetic dentistry. He is one of the five dentists in the state of Pennsylvania to receive this honor. There are only 350 accredited members worldwide. Dr. Marus has demonstrated an insatiable passion and skill for creating beautiful “celebrity smiles.” Equipped with superior dental materials and artistic ability, he has achieved many smile makeovers of tremendous beauty and natural appearance. Dr. Marus approaches each smile makeover the way an artist approaches a painting. The “celebrity smile” is carefully studied and considered in order to achieve symmetry, balance and natural beauty. In a world of heightened dental awareness and desire for a youthful smile, Dr. Marus sets the standard for excellence in cosmetic dentistry. A graduate of NYU College of Dentistry, Dr. Marus received his dental degree in 1985, completed his residency at The Jamaica Hospital in New York and holds membership in The American Academy of Cosmetic Dentistry, The American Dental Association, The Pennsylvania Dental Association and the Montgomery-Bucks dental society.  Dr. Marus
currently lectures to dentists on techniques in cosmetic dentistry and has been published in numerous national and international publications. Most recently, Dr. Marus has been featured as the cosmetic dentist on the CN8 television “It’s Your Call,” hosted by Emmy-Award winner Lynn Doyle airing in nationally on the Comcast Network.

Dr. Robert Marus: No relevant financial relationships to disclose.
CE Planning Committee: Members of the CE planning committee have no relevant financial relationships to disclose.
Medical Emergencies in the Dental Office

| Date:       | Wednesday – March 8, 2017 |
| Time:       | 9:00 a.m. – 5:00 p.m.       |
| Registration: | 8:30 a.m.                  |
| Location:   | Temple University Student Faculty Center |
|             | 3340 North Broad Street, 4th Floor, Auditorium |
|             | Philadelphia, PA 19140     |
| Tuition:    | Dentist $350; DT $150      |
| Credits:    | 7 (L)                      |

Is your office prepared to handle complex dental emergencies? What is your team approach in treating medical emergencies? Do you need nitrous oxide certification? A comprehensive review of medical emergencies with their clinical management will be presented. The course will also focus on the necessary medications and procedures in the dental office setting. Background information will be presented to allow for diagnosis and the steps necessary for treatment. Clinical scenarios will be presented to allow for treatment protocol. The new basic life support protocols will be reviewed for both adults and children. Emergency drugs and their route of administration will be reviewed. Dental Management of Emergencies and Medically Compromised Patients is designed for the general dentist, dental hygienist, dental assistant and the office staff, to be a comprehensive review of medical emergencies common in the dental office. Emphasis will be placed on the team approach in treating emergencies, making an accurate diagnosis, and proper treatment of the problem. A review of Basic Life Support will also be provided. This course fills quickly every year. Early registration is highly recommended. Your patients and practice will be the ultimate winner.

Upon course completion, you will:
- Understand the pathophysiology of medical diseases and their relation to medical emergencies.
- Recognize medical emergencies.
- Successfully manage and treat patients with medical emergencies.

**Presenters**

**Gary Jones, DDS**

Dr. Gary Jones is an Associate Clinical Professor at Temple University Kornberg School of Dentistry. He received his D.D.S degree from Temple University School of Dentistry in 1974. Following dental school, he practiced general dentistry in the United States Air Force for three years, spending a total of four years on active duty in the United States Air Force and three more years in the United States Air Force Reserve. While in the Reserve, he returned to Temple University Hospital and Temple University School of Dentistry in 1977 for his residency in Oral Surgery. He has been on the full-time, and then part-time, faculty at Temple University Kornberg School of Dentistry for 35 years. While on the part-time faculty, he had a private practice of Oral & Maxillofacial Surgery in Glenside, PA from 1982 to 2007. He returned to full-time education with the Oral & Maxillofacial Surgery Residency program at Temple University Hospital in 2007 and maintained this position until April 2014 at which time he returned to the dental school in his current position. Dr. Jones is a Fellow of the American Association of Oral & Maxillofacial Surgeons, a Diplomate and current Board Examiner of the American Board of Oral & Maxillofacial Surgery, and a Diplomate of the International Congress of Oral Implantologists. He is a member of the American Dental Society of Anesthesiology and has current hospital appointments at Temple University Hospital, Fox Chase Cancer Center, and Jeanes Hospital. He does peer review for the Journal of Oral & Maxillofacial Surgery. Dr. Jones is member of Omicron Kappa Upsilon, the national Honorary Dental Society.

**Allen F. Fielding, DMD, MD, MBA**

Professor Emeritus, Department of Oral and Maxillofacial Pathology, Medicine and Surgery

Temple University School of Dentistry

Dr. Stanton Braid/Dr. Allen Fielding: No relevant financial relationships to disclose. CE Planning Committee:

Members of the CE planning committee have no relevant financial relationships to disclose.
A Comprehensive Review of Pediatric Dentistry for the General Practitioner and Staff

Date: Friday, March 17, 2017  
Time: 9:00 a.m. – 4:00 p.m.  
Registration: 8:30 a.m.  
Location: Temple University Student Faculty Center  
3340 North Broad Street, 4th Floor, Room C  
Philadelphia, PA 19140  
Tuition: Dentist $295  DT $125  
Credits: 6 (L)

Do you and your staff get agitated and start sweating when you see a pediatric patient on your schedule? Wouldn’t it be wonderful to not be so stressed out? Well, have no fear! This comprehensive review of Pediatric Dentistry is for you and your staff. It will make seeing children easier and more enjoyable.

Attendees will learn the newest techniques in behavior management based on current research in Psychology. The presentation will include the identification, diagnosis, and treatment of common pediatric dental pathology. On the topic of common pediatric orthodontics problems, we will show and discuss common eruption problems and how to treat them as well as discuss the simple steps to making space maintainers and interceptive appliances. The presentation will give the dental implications and management techniques for children with Special Health Care Needs like Autism, OCD, and ADHD. No review course would be complete without learning the latest indications and techniques for the new tricalcium silicates and biosilicates for pulp therapy. On the topic of restorative dentistry, slot preps and the latest materials and techniques will be discussed. The final topic will review and discuss the contemporary concepts in the biology, management, treatment, and prevention of traumatic injuries. Participants will be able to use the information and treatment modalities to make treating children more enjoyable and efficient.

Upon course completion, you will:

- Learn the proper technique for a knee to knee exam and recognize the different criteria for a dental exam for an infant, toddler, child, and teen
- Identify 2 common types of pediatric oral pathology and describe their treatment and prevention
- List 3 factors contributing to dental caries
- Name 3 roles of saliva in caries prevention
- Identify 2 types of eruption problems and describe their proper treatment
- List and describe the indications and the steps for a pulpotomy vs Indirect Pulp Cap
- Describe 2 types of dental trauma and their treatment and follow up protocols
- Describe the Slot Prep and 2 types of accepted dental materials in primary and permanent teeth

Presenter
Lance Kisby DMD, FASDC, FAAPD, MAGD

Dr. Lance Kisby is a graduate of Tufts University School of Dental Medicine and did his Pediatric Dental training at Floating Hospital in Boston. He was in private practice for 17 years in Massachusetts before taking a position as Chief of Pediatric Dentistry at St. Mary’s Hospital in Waterbury, Connecticut. He became Chief of Pediatric Dentistry and Program director of the Pediatric Dental Residency he created at Geisinger Medical Center in Danville, PA, and then Division Chief of Pediatric Dentistry and Program Director of the Pediatric Dental Residency at A.I. DuPont Hospital for Children in Delaware. Dr. Kisby is an Adjunct Clinical Instructor of Pediatric Dentistry at Tufts and an Associate Clinical Instructor at the Kornberg School of Dentistry at Temple University. He is Board Certified in Pediatric Dentistry, the author of numerous articles, a contributing author of a Pediatric Dental textbook, a contributing author for a textbook on Cerebral Palsy and a former Contributing Editor for the Journal of Clinical Pediatric Dentistry. Dr. Kisby now practices in Nashville, TN and brings over 30 years of clinical, practical, and teaching experience on many topics and issues in Pediatric Dentistry.

Dr. Lance Kisby: No relevant financial relationships to disclose.

CE Planning Committee: Members of the CE planning committee have no relevant financial relationships to disclose.
Alumni Association Event
If you would like to register for this course below please contact Krystal Lespinasse in the Office of Development and Alumni Relations via 215-707-9005 or ksl@temple.edu.

Removing the Obstacles to Healthier Patients

Date: Saturday, April 1, 2017
Time: 8:30am – 11:30am
Registration: 8:00 a.m.
Location: Temple University Kornberg School of Dentistry
3223 N. Broad Street
Philadelphia, PA 19140
Tuition: Free to current KSoD Alumni Association members
All Others: $95
Credits: 3 (L)

Describing success can be challenging, but one of the most encompassing descriptions of success in the practice of dentistry could well be “getting every patient to have the healthiest mouth possible.” Both doctors and team members could feel great about their careers, knowing they are helping to make the world a better place, enjoying excellent job security, having the peace of mind of less emergency calls and being able to meet their financial obligations. If “getting every patient to have the healthiest mouth possible” is the ultimate goal, what is keeping you from achieving that goal now? What is the obstacle to every patient getting the healthiest mouth possible? I have posed this question to hundreds of dentists and thousands of team members, and the answer is the same virtually every time, from Beverly Hills to Burlington, Vermont – Money. This program will demonstrate systems that can be utilized starting on Monday morning by the entire dental team that change your beliefs and allow your office team to have more patients getting the healthiest mouth possible, and demonstrate that money is not really the obstacle. This program will address the office systems that must be in place to deliver the treatment options that patients may want beyond the “needs” based treatment they have received up to this point. These systems include: 1) The Examination – the emotional exam, the clinical exam, and the patient awareness of findings, 2) The Office Commitment to Change – everyone on the dental team must have the clinical and verbal skills to discuss treatment options after the dentist derived treatment plan has been presented, because “want” based treatment requires excellence in communication skills, 3) The Systems – from the first contact with the dental office to the treatment completion, systems are required for thoroughness and high level patient satisfaction.

Upon course completion, you will:
- Understand “The Circle of Health” concept of examination that assesses risk for disease, gets patients healthier and contributes to office success.
- Learn the five obstacles to patients accepting treatment and design your examination to reduce those obstacles.
- Understand an alternative to Patient Education that is clearly better at getting patients motivated to seek and maintain their oral health.
- Know how the dental office team with the technical training for contemporary dentistry to have the systems to perform this treatment as part of their everyday practice of dentistry.

Presenter
Dr. Mark Setter
Dr. Setter graduated from the University of Michigan with a DDS and a Master’s Degree in Periodontics. Dr. Setter has had a private practice Limited to Periodontics in Port Huron since 1981. Dental Implantology has
been a focus of Dr. Setter over the past twenty years. In addition to having a very successful private practice, Dr. Setter is on the faculty of the Misch International Implant Institute, as well as on the faculty of The University of Michigan School of Dentistry and Temple University School of Dentistry in Philadelphia. Dr. Setter also co-founded The Specialist Institute, teaching a curriculum of business skills and clinical skills specifically for dental surgical specialists. Dr. Setter has been involved with education throughout his career and has been invited to lecture at state, national and international meetings on topics related to Periodontics, Dental Practice Management and Dental Implant Prosthetics. Dr. Setter and his wife, Susan, have two grown children, Mike, and his wife Shelby, and Jill, and her husband Jason, all of whom are in the dental profession.

Dr. Mark Setter: No relevant financial relationships to disclose.
CE Planning Committee: Members of the CE planning committee have no relevant financial relationships to disclose.
Definitive Aesthetic Restorative Dentistry

*Enjoying Dentistry by Reducing Stress and Creating Happy Patients*

**Date:** Friday – April 7, 2017  
**Time:** 9:00 a.m. – 4:00 p.m.  
**Registration:** 8:30 a.m.  
**Location:** Temple University Student Faculty Center  
3340 North Broad Street, 4th Floor, Room C  
Philadelphia, PA 19140  
**Tuition:** Dentist $295; DT $125  
**Credits:** 6 (L)

Definitive aesthetic restorative dentistry will cover the following topics and issues.

**Stress reduction:** Why dentists think, act and react the way they do; Stress-free patient relations; Effective patient communication techniques for doctors and team members; Recovering the excitement, enthusiasm and satisfaction of being a dentist

**Practice management:** Creating the “image” for a successful dental practice; Effective team-patient communication techniques; Successful doctor-patient communication and motivation; Changing phobic patients into happy and trusting patients; The importance of the dental team; Internal and external marketing plans; Fool-proof methods to motivate patients to desire and accept esthetic dental procedures; How to address the issue of dental insurance and esthetic/restorative procedure fees; Procedures that will make your practice grow exponentially

**Clinical Dentistry:** Revelations in the newest and current multiple surface bonding and luting systems; Porcelain laminate veneers – clinical applications, preparation options, easy placement and finishing procedures; Indirect resin laminate veneers; Minimizing post-op problems after placement of direct filled posterior composites by modifying basic placement techniques; Fabricating indirect light and heat-processed composite inlays and onlays in your office; Porcelain inlays and onlays

**Insightful concepts:** Restoring the worn dentition with bonded porcelain; A simplified and logical approach to occlusion; Color theory and its application in dental procedures; Easiest ways to accurately shade match; High tech shade matching; Role of opaquers and shade modifiers for the correction of even the most severely discolored teeth

**Upon course completion:**
- Attendees should leave the course feeling better about themselves, their patients and their staff.
- You will have a better understanding of the psychology of dentists.
- You will learn how esthetic dental procedures can change the landscape of their practice.
- The entire dental team will learn techniques to motivate patients to accept suggested dental procedures, keep them happy and improve their self-esteem.
- Attendees will learn about a variety of anterior and posterior esthetic restorative procedures including helping hints to make these procedures easier, faster and predictably successful.
- They will learn how to correct extremely challenging cases including: severely discolored teeth; severe worn dentition cases; misalignment cases (“instant orthodontics”); post-op problems with posterior composites.
Presenter
Steven P. Weinberg, DMD

Dr. Weinberg is a Clinical Assistant Professor in the Department of Restorative Dentistry at the University of Penn School of Dental Medicine and Adjunct Faculty at the Kornberg School of Dentistry, Temple University. He has also been on the faculty of 5 other dental schools for their post-graduate esthetic programs. He received a Certificate of Proficiency in Esthetic Dentistry from NY State University. He is a Fellow in the International Academy of Dental Facial Esthetics. Dr. Weinberg opened his private practice in New Jersey in 1978 with an emphasis on esthetic restorative dentistry. He has been lecturing nationally and internationally on esthetic and restorative dentistry for over 43 years. He is a Clinical Assistant Professor in the Department of Restorative Dentistry at the University of Penn School of Dental Medicine. He is also an adjunct Instructor at the Kornberg School of Dentistry, Temple University. He has also been on the faculty of 5 other dental schools for their post-graduate esthetic programs. He received a Certificate of Proficiency in Esthetic Dentistry from the State University of New York at Buffalo. Dr. Weinberg opened his private practice in New Jersey in 1978 with an emphasis on esthetic restorative dentistry. He has been lecturing nationally and internationally on esthetic and restorative dentistry for over 28 years.

We gratefully acknowledge the educational support of this course by Ivoclar Vivadent.

Dr. Steven Weinberg: Course sponsorship from Ivoclar Vivadent.
CE Planning Committee: Members of the CE planning committee have no relevant financial relationships to disclose.
# Fundamentals of Soft and Hard Tissue Lasers for Clinical Dentistry (Hands-On)

**Date:** April 14 – 15, 2017  
**Time:** 9:00am – 5:00pm  
**Registration:** 8:30 a.m.  
**Location:** Temple University Kornberg School of Dentistry  
3223 N. Broad Street, 1st Floor, Seminar Room 1  
Philadelphia, PA 19140  
**Tuition:** Dentist $695  
**Credits:** 14 (L/P)

The 2 day course will cover basic information regarding soft and hard tissue laser dentistry. This will also cover the fundamental and practical knowledge needed for the taking the Certifying exam in basic laser dentistry of certification. 8 hours of lecture and hands on instruction, for Nd Yag, diode and CO2 laser units, will be delivered.

Upon course completion, you will:

- Understand the fundamentals of Soft and Hard Tissue Laser Technology  
- Know the specific application of each wavelength for the specific application.  
- Learn safety, legal & health requirements for Diode and CO2 lasers  
- Learn Specific techniques by hands on experience with Diode and CO2 laser units  
- Review and take the completion test for laser certification

## Presenters

**Keisuke Wada, DDD, Ph.D, DMD, DMSc**
Dr. Wada is currently an Associate Professor, Interim Chair and Director of Graduate Program in Periodontology and Oral Implantology, Temple University Kornberg School of Dentistry. His unique career involves in his DDS and Ph.D/Oral & Maxillofacial Surgery training in Japan, followed by Doctorate and Certificate in Periodontology from Harvard University in 2008. He was appointed as an Assistant Professor at University of Pennsylvania School of Dental Medicine, where the Regenerative Laser Center was founded at the first time, serving as a Director. He is certified for the Nd-YAG, diode and CO2 laser, which is clinically studied at Temple, focusing on the soft and hard tissue engineering for dental implant reconstruction. He also ran several clinical research, including laser dentistry for bone regeneration, prevention and treatment of peri-implantitis and with lasers. Because of these activities, Dr. Wada was recently profiled by the American Academy of Periodontology Foundation as one of 25 past award recipients whose research is shaping the future of the Periodontology specialty. Dr. Wada also serves on the Editorial Board of International Journal of Oral and Maxillofacial Implants (IJOMI) and the International Journal of Periodontics and Restorative Dentistry (IJPRD).

**Jon B. Suzuki, DDS, PhD, MBA**

Dr. Suzuki is Professor Emeritus of Periodontology and Oral Implantology, Kornberg School of Dentistry and Professor Emeritus of Microbiology and Immunology, School of Medicine, at Temple University, Philadelphia, PA. He served as Associate Dean for Graduate Education and Chairman and Program Director of the Department of Periodontology and Oral Implantology at Temple University. Dr. Suzuki served as Dean of the University of Pittsburgh, PA and is the current Chairman of the Food and Drug Administration Dental Products Panel, Silver Spring, MD. Jon Suzuki received his DDS from Loyola University of Chicago, PhD in Microbiology from the Illinois Institute of Technology and MBA from University of Pittsburgh. He completed an NIH Fellowship in Immunology at the University of Washington.
Dr. Hai Qing: Course sponsorship from Yoshida Dental MFG CO Ltd and J Morita Company.
Dr. Jon B. Suzuki: Course sponsorship from Yoshida Dental MFG CO Ltd and J Morita Company.
CE Planning Committee: Members of the CE planning committee have no relevant financial relationships to disclose.
Full-Arch Implant Solutions from Overdentures to Fixed Ceramics
(Hands On)

Date: Thursday, April 20, 2017
Time: 9:00 a.m. – 4:00 p.m.
Registration: 8:30 a.m.
Location: Temple University Kornberg School of Dentistry
3223 N. Broad Street, 3rd Floor, Lecture Room A
Philadelphia, PA 19140
Tuition: Dentist $325  DT $150
Credits: 6 (L)

This workshop takes an in-depth look at the latest full-arch implant solutions, from the basic overdenture to the monolithic zirconia implant prosthesis. Dr. Patel explores the advantages of each restorative option, reviews their treatment protocols, and explains the clinical considerations involved in determining the ideal solution for each patient. This course also provides a hands-on experience with the placement of implants for a full arch fixed restoration and the conversion of a removable denture to a fixed provisional.

Upon course completion, you will:
• Understand the pros and cons of removable vs. fixed implant restorations.
• Understand provisionalizing fully edentulous implant cases.
• Understand converting overdentures to fixed restorations.
• Know the advantages of newly developed implant designs in full-arch indications.
• Learn about digital treatment planning and when to consider guided surgery.
• Learn immediate extraction and implant placement for full-arch restorations.
• Understand the use and clinical benefits of PMMA temporaries.
• Learn immediate conversion of the patient’s denture at the time of implant placement.
• Understand the benefits of monolithic zirconia full-arch implant prosthesis.

Presenter
Dr. Paresh Patel
Dr. Patel is a graduate of the University of North Carolina at Chapel Hill School of Dentistry and the Medical College of Georgia/AAID MaxiCourse. He is a clinical instructor at the Reconstructive Dentistry Institute. Dr. Patel has placed more than 5,000 implants, has published numerous articles in leading dental journals, and has worked as a lecturer and clinical consultant on dental implants and prosthetics for various companies. He belongs to several dental organizations, including the ADA, North Carolina Dental Society and AAID. Dr. Patel maintains private practices in Lenoir and Mooresville, North Carolina.

We gratefully acknowledge the educational support of this course by Glidewell Dental.

Dr. Paresh Patel: Course sponsorship from Glidewell Dental.
CE Planning Committee: Members of the CE planning committee have no relevant financial relationships to disclose.
Jewels You Can Use on Monday (CANCELLED)

Date: {Sunday}, April 30, 2017
Time: 9:00 a.m. – 4:00 p.m.
Registration: 8:30 a.m.
Location: Temple University Kornberg School of Dentistry
3223 N. Broad Street, 3rd Floor, Lecture Room A
Philadelphia, PA 19140
Tuition: Dentist $295  DT $125
Credits: 6 (L)

A colleague once told me the difference between a good dentist and a great dentist is a minute along with a few hours of good continuing education. Jewels you can use on Monday is a series of clinical techniques, used by key opinion leaders in dentistry, to streamline and make your practice more productive. This program is designed for everyone from the dental student to the veteran practitioner about to retire. I will demonstrate how to incorporate Evidence Based Dentistry (EBD) into your practice, restore the difficult class II posterior composite, obtain perfect impressions, and simplify the porcelain fused to metal crown repair process. You will learn how to restore the tooth with a large open box or missing cusp back to proper form and function. You will see there are no excuses for a less than perfect impression. Learn how to manage bleeding and saliva. Upon completion of this course you will have a better understanding of what techniques and materials you can seamlessly incorporate into your practice. I will give you systems that allow you to work faster and more efficiently saving you thousands of dollars per year.

Upon course completion, you will:
- Be exposed to Evidence Based Dentistry (EBD) and how to use it in daily practice.
- Understand how to restore the difficult class II composite restoration.
- Know how to control the flow of saliva and bleeding.
- Know how to salvage a PFM or Zirconia porcelain fracture.
- Be provided with new tools to take better dental impressions.
- Be able to save you time and money while providing better patient care.

Presenter
Dr. Marc M. Gottlieb

Dr. Gottlieb was born and raised on Long Island, attended Union College in Schenectady New York and then shuffled off to Buffalo for Dental School. While at the University of Buffalo he received many academic scholarships, awards and fellowships. After graduation from dental school Dr. Gottlieb went on to a two year post-graduate residency program at Long Island Jewish Medical Center This unique opportunity provided advanced training in anesthesiology and all the specialties of dentistry. Dr. Gottlieb is currently on staff at Stony Brook University Hospital, maintains a full time private practice, lectures all over the country and has authored over a dozen dental articles. For the last six years he has made Dentistry Today’s list of top CE providers.

Dr. Marc Gottlieb: No relevant financial relationships to disclose.
CE Planning Committee: Members of the CE planning committee have no relevant financial relationships to disclose.
Oral Mucosal Disorders: Guidelines for the Dental Professional

Date: Friday, May 19, 2017
Time: 9:00 a.m. – 12:00 p.m.
Registration: 8:30 a.m.
Location: Temple University Kornberg School of Dentistry
3223 N. Broad Street, Seminar Room 1, 1st Floor, Old Dental Building
Philadelphia, PA 19140
Tuition: Dentist $195 DT $95
Credits: 3 (L)

Oral mucosal disorders encompass a wide variety of lesions with different etiologies. Some patients present with lesions that have pathognomonic clinical characteristics while other lesions have similar clinical features, which make them more challenging to diagnose. Using a case-based format, this course will review the etiologic factors, clinical presentations, differential diagnosis, diagnostic techniques, and therapeutic management of various oral mucosal disorders including: oral lichen planus, pemphigus vulgaris, mucous membrane pemphigoid, aphthous stomatitis, erythema multiforme, herpes simplex viral infections, candidiasis.

Upon course completion, you will:
- Know how to evaluate the oral cavity and recognize oral mucosal disorders
- Know how to take a detailed clinical history from patients with mucosal disorders
- Know how to develop a differential diagnosis
- Gain a better understanding of diagnostic techniques and modalities
- Be able to manage common oral lesions encountered in dental practice
- Understand the need for interdisciplinary management and referrals
- Be able to educate and counsel patients with mucosal lesions

Presenter
Chizobam N. Idahosa, BDS, DDS, MS

Dr. Idahosa is currently a Clinical Assistant Professor of Oral Medicine in the Department of Oral and Maxillofacial Pathology, Medicine and Surgery at Temple University Kornberg School of Dentistry. She received her B.D.S. from the University of Benin, Benin City, Nigeria and her D.D.S. from New York University College of Dentistry where she graduated with honors. She completed her General Practice Residency training at Rutgers School of Dental Medicine followed by private practice as a general dentist in Pittsburgh, PA. She then pursued and completed her post-doctoral training in Oral Medicine as well as her Master of Science in Oral Biology at the University of Pennsylvania School of Dental Medicine. Her clinical interests include the management of oral mucosal disorders, oral oncology, oro-facial pain, temporomandibular disorders and salivary gland disorders. Dr. Idahosa is a member of Omicron Kappa Upsilon National Dental Honor Society and she received the Robert Schattner Award for Outstanding Oral Medicine Resident from the University of Pennsylvania. She has lectured and published articles on topics related to Oral Medicine and received a Case Report Award from the American Academy of Oral Medicine. She is an active educator and maintains clinical practice at the Temple University Kornberg School of Dentistry.

Dr. Chizobam Idahosa: No relevant financial relationships to disclose.
CE Planning Committee: Members of the CE planning committee have no relevant financial relationships to disclose.
Hands On Endodontic Course

Date:   {Saturday}, May 20, 2017
Time:   9:00 a.m. – 4:00 p.m.  
LIMITED ATTENDANCE!!!
Registration:   8:30 a.m.
Location:  Dental Future Center
          401 Commerce Drive, Suite 108
          Fort Washington, PA  19034
Tuition:  Dentist $325    DT $150
Credits:  6 (L/P)

Review of All Phases of Endodontic Treatments and Overcome the Obstacles While Treating by Dr. Cemil Yesilsoy

This workshop will start with the principles of endodontic diagnosis and the most recent biologically accepted endodontic treatment methods and materials. All phases of endodontic treatment will be reviewed i.e. importance of access, principles of (hands, rotary) instrumentation and reason, and time for the obturation. Outcome of the root canal treatment will be discussed. Also covered is endodontic mishaps and treatments and need for retreatment will be discussed.
This workshop will finish with a hands on demonstration using rotary files on plastic teeth and blocks to show principles and limitations of rotary usage.

Upon course completion, you will:

- Understand the importance of Endodontic diagnosis and decision making.
- Understand endodontic access to achieve optimal canal manipulation.
- Learn principals of canal instrumentation and reduce microorganisms in the canal system.
  (Principals of Manual /hand instrumentation and Principals of Rotary/machine used instrumentation)
- Learn endodontic methods and materials to obdurate the canals.
- Learn outcomes of Endodontic treatments and treatments.
- Understand endodontic mishaps and their treatments.
- Complete Hands On rotary files on plastic teeth and blocks.

Regenerative Endodontics:  Current Clinical Status and Future Direction by Maobin Yang, DMD, MDS, PhD

In the last decade, regenerative endodontic procedures have emerged as an alternative to treat necrotic permanent teeth that have immature root formation with an open apex. From the clinic aspect, the primary goal of regenerative endodontic treatment is to heal apical periodontitis, promote continued formation of the root and apical closure. From the tissue engineering aspect, the ultimate goal of regenerative endodontics is to regenerate a functional pulp-dentin complex, which needs the application of the principles of regenerative medicine: utilizing specific cells, three dimensional scaffolds and growth factors in combination to regenerate new tissues. This lecture will provide the current knowledge, from the tissue engineering aspect, of the biological basis and treatment outcomes of the regenerative endodontics procedure. The limitations and challenges of the current regenerative endodontic procedure will be discussed, and the future strategies to overcome these challenges will be proposed.

At the conclusion, participants should be able to:
Describe the biologic basis of the clinical pulp-dentin complex regeneration from the tissue engineering aspect.

Recognize the limitations that attribute to the failure in regeneration of a functional pulp-dentin complex with current clinical protocol.

Describe the current clinical procedure, and future strategies for regenerative endodontics.

**Presenters**

**Dr. Cemil Yesilsoy**
Dr. Yesilsoy received his DMD from Temple University School of Dentistry and Gazi University in Turkey. He also received his MS from the University of Minnesota. He is a full time associate professor at the Temple University Kornberg School of Dentistry since 1982. Dr. Yesilsoy has written numerous endodontic articles and the majority are related to endodontic materials toxicity. He has given numerous lectures on different levels nationally and internationally. Dr. Yesilsoy is on the editorial board of a few dental journals. For the last three years he has been co-chair of the Kornberg Dental School Endodontic Department. He also practices 2 days a week as an endodontist in private practice.

**Dr. Maobin Yang**
Dr. Yang graduated with his DDS and MS degrees from the West China School of Stomatology at Sichuan University. He received his PhD in Biomedical Sciences at the University of Connecticut, and completed his postgraduate residency training in Endodontics, with the Endodontic certificate and his second Master’s degree in Dental Sciences (MDS) from the University of Connecticut. Dr. Yang is the Director of Postdoctoral Endodontic Program and Assistant Professor at the Department of Endodontontology in the Kornberg School of Dentistry, Temple University. He is a Diplomate of American Board of Endodontics. He served on American Association of Endodontists (AAE) Research and Scientific Affairs committee, and is a member of AAE Regenerative Endodontics committee. Dr. Yang received the AAE Endodontic Educator Fellowship Award in 2013, and is the only one who received the AAE “John and Joyce Ingle Fellow” award in past 8 years. Dr. Yang is also the Director of the Regenerative Health Research Laboratory in the Kornberg School of Dentistry, and an adjunct Assistant Professor at the Department of Bioengineering in the College of Engineering, Temple University. He is an active researcher in Tissue Engineering and Regenerative Dentistry. His research areas focus on the regeneration of various dental tissues by tissue engineering technology, including using dental stem cells and generating innovative biomaterials. Dr. Yang serves in the editorial board of several biomedical journals, and He has more than 40 publications and book chapters, and made more than 60 presentations nationally and internationally.

*Dr. Cemil Yesilsoy: No relevant financial relationships to disclose. Dr. Maobin Yang: No relevant financial relationships to disclose. CE Planning Committee: Members of the CE planning committee have no relevant financial relationships to disclose.*
Choosing Our Abutments: How To Make Informed Decisions in Order to Insure Optimal Clinical Outcomes

Date: Wednesday, May 31, 2017
Time: 9:00 a.m. – 12:00 p.m.
Registration: 8:30 a.m.
Location: Temple University Student Faculty Center
3340 North Broad Street
Philadelphia, PA 19140
Tuition: Dentist $195 DT $95
Credits: 3 (L)

This course will cover topics such as the difference between stock and custom abutments and when they can or should be used; the differences in materials used, i.e. titanium, zirconia, gold, hybrids (titanium-zirconia) and the effects it can have on esthetics; what is fretting and why it is important; the problems with third party components and why they should be avoided; screw vs cement retention and why we should try to avoid cement if possible; if we do use cements what cements can be used and which ones we must avoid; how to use temporary abutments and crowns to develop the ideal emergence profile and how to transfer that information to the laboratory in order to optimize our esthetic outcomes; learn the importance of the restorative space.

Upon course completion, you will:
- When stock abutments can be used or when custom abutments are necessary.
- How to fabricate custom impression copings to communicate with our laboratory technicians the ideal emergence profiles.
- Know the biologic differences between a dental implant and a natural tooth.
- Know the clinical reason why to avoid cement if possible.
- If cement is necessary which cements you can use and which to avoid.
- Techniques that can mitigate excess cement.
- Knowledge of some of the literature comparing screw vs cement retained implant restorations.

Presenter

Steven I. Present, DMD

Dr. Steven Present is originally from Brooklyn, New York, is a graduate of the University of Wisconsin and Temple University School of Dentistry where he graduated with honors and was elected into Omicron Kappa Upsilon. He did postgraduate studies in microbiology and immunology at The Thomas Jefferson Medical College and completed a program for the treatment of oral facial pain and temporomandibular disorders at The New Jersey. In 2012, 2014, and 2016 was named one of Philadelphia Magazines Top Dentists. Dr. Present is an associate professor at Temple University Kornberg School of Dentistry where he teaches implant treatment planning, and was on the faculty of Manor College’s Expanded Function Dental Assisting program for 27 years. He is a past contributor to The U.S. Pharmacopeia Drug Information for Health Care Professionals, a member of the Academy of Osseointegration and its Subcommittee for Clinical Innovation, a Fellow of the International Team for Implantology of Basel Switzerland, and the ITI Speakers Library Research Committee. He lectures nationally and internationally on advanced and complex implant reconstruction and has published in peer reviewed journals. He was the national dental advisor for Health Advocate inc., and is on The ADA CERP Advisory Committee for The Oral Maxillofacial Surgical Insurance Company. He maintains a group practice in North Wales Pennsylvania.

Dr. Steven Present: No relevant financial relationships to disclose.

CE Planning Committee: Members of the CE planning committee have no relevant financial relationships to disclose.
**Minimal Invasive Aesthetic Dentistry (Hands On)**

- **Date:** August 28, 2017 – September 1, 2017
- **Time:** 9:00 a.m. – 4:00pm
- **Registration:** 8:30 a.m.
- **Location:** Temple University Kornberg School of Dentistry
  3223 N. Broad Street, 1st Floor, Seminar Room 1
  Philadelphia, PA  19140
- **Tuition:** Dentist $2995   DT $995
- **Credits:** 30 (L/P)

This minimal invasive aesthetic dentistry is a week long course. Day 1 will cover the introduction, the patient journey, what's involved in minimal aesthetics, overview of different techniques, study models, diagnostics and in the afternoon will be a hands on consultation techniques, study models and photography. Day 2 will cover the science of tooth whitening - research and evidence evaluation of all techniques. Day 3 will be hands on with home bleaching trays, power bleaching, and will cover non vital bleaching techniques. Day 4 will cover white spot management: scientific evaluation of the literature and aetiology and the afternoon will cover microabrasion and resin infiltration techniques anterior and posterior teeth and direct composite bonding to mask white marks on teeth. Day 5 will cover treating tooth wear in a minimal invasive approach using palatal veneers and porcelain inlays and onlays or direct composite bonding to open the vertical dimension. Indications, Contraindications, design, cementation and the afternoon will be a hands on workshop using digital scanning and milling techniques, cementation of inlays.

**Upon course completion, you will:**
- Learn how to reach a wider range of patients through the latest aesthetic and minimally invasive treatment options.
- Learn about different treatment options to undertake minimal invasive dentistry, how to undertake an evaluation, treatment plan and undertake a new range of minimal invasive treatments. Learn about the vision of the dentist and the wider role of the dentist as oral physician in minimal invasive treatments.
- Enhance your knowledge of advanced teeth whitening techniques for complex discolouration and new materials.
- Learn about new whitening techniques to treat non vital teeth.
- Learn treatment strategies for caries management, whitening and health sustainability.
- Learn to be informed on the most effective whitening strategies for different age groups, and management of sensitivity during whitening treatments.
- Learn how to integrate whitening into all aspects of restorative and aesthetic dentistry.
- Learn about management and treatment of patients with white spots white marks, Molar Incisor hypoplasia through microabrasion and resin infiltration techniques.
- Learn to treat tooth wear using composite bonding to raise the vertical dimension anteriorly and posteriorly.
- Learn about the use of porcelain onlays, inlays and palatal veneers for opening the vertical dimension and improving smiles destroyed by acid erosion, eating disorders and tooth wear.
- Understand how to sustain and maintain minimal invasive aesthetic treatments.
Presenter

Dr. Linda Helene Greenwall

Dr Greenwall is a Specialist in Restorative Dentistry and Prosthodontics. She is an international lecturer and an authority on tooth whitening, aesthetic dentistry and practice management. As well as running a multidisciplinary private practice in Hampstead, London She is an immediate past Chairperson for the Alpha Omega Society 2012/13 and Editor-in-chief of the journal Aesthetic Dentistry Today and is President of the British Dental Association for the Metropolitan London Branch for 2015/2016. In March 2016 she was awarded the FMC Award for the Outstanding Contribution to Dentistry. Her first book, Bleaching Techniques in Restorative Dentistry, won the award for Best New Dental Book 2001. Her new textbook, second edition is called Tooth Whitening Techniques and will be published in July 2016. She has written many papers for dentistry journals. Her latest book Success Strategies for the Aesthetic Dental Practice was published by Quintessence in 2011. In 2008, Linda launched and is past chair of the British Dental Bleaching Society (BDBS), which aims to lobby for changes in the controversial bleaching legislation, and to educate dentists in tooth whitening. In 2011 she launched the Dental Wellness Trust, a charity aiming to provide preventive oral health programmes and dental awareness in less fortunate communities such as the elderly and vulnerable kids. There are 5000 children who are enrolled in their daily oral health programmes.

Dr. Linda Greenwall: Course sponsorship from DMG, DMG US, SDI US, SDI Premier.
CE Planning Committee: Members of the CE planning committee have no relevant financial relationships to disclose.

We gratefully acknowledge the following companies for their educational support:

DMG, DMG US, SDI US, SDI Premier
Bender, Seltzer and Grossman Academic Review of Endodontology

Date: September 15-17, 2017
Location: Hilton Philadelphia City Avenue
4200 City Avenue
Philadelphia, PA 19131
Credits: 17 (L)

Tuition:

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Temple University Kornberg School of Dentistry, University of Pennsylvania School of Dental Medicine and Albert Einstein Medical Center presents this two-and-a-half-day program provides an intensive review of the biologic foundations of endodontology. This course is designed to be an ideal review for candidates taking either the written or oral board examinations. It will also greatly benefit all those interested in endodontics. Students, faculty, specialists, and general practitioners are welcome. This course can also be used to satisfy ABE recertification requirements.

Course Director: Dr. Cemil Yesilsoy

Speakers: Drs. Alawi, Barnett, Botero, Hersh, Khan, Kirkpatrick, Murray, Rhodes, Sarkis and Stevens

Registration
To register, please call Nicole at 215-707-7541 or email ncarreno@temple.edu.

To receive the full-time resident/faculty, military, non-resident or recent graduate discounts, written confirmation from the program director, dean or commanding officer must be provided with your registration form. Registration made after August 14, 2017 will not be accepted.

Hotel Reservations
A block of rooms is being held at a special rate for attendees, $139 per night. In order to secure a room at this rate, reservations must be made by August 17, 2017. Please identify yourself as a participant in the Temple Endo Review Course. For reservations call 1-800-HILTONS (445-8667) or visit the website at http://www.hilton.com/en/hi/groups/personalized/P/PHLPHHF-TUE-20170915/index.jhtml.

Parking
Covered self-parking is available at the hotel for $5 per arrival.

BSG Academic Review of Endodontology: Course sponsorship from GSC, Piezosurgery Inc and SSWhite.
CE Planning Committee: Members of the CE planning committee have no relevant financial relationships to disclose

We gratefully acknowledge the following companies for their educational support:
Global Surgical Corporation, PIEZOSURGERY INCORPORATED and SS White
Orthodontic Diagnosis and Treatment Planning for the General Dentist

Date: Friday, October 13, 2017
Time: 9:00 a.m. – 4:00 p.m.
Registration: 8:30 a.m.
Location: Temple University Student Faculty Center
3340 North Broad Street
Philadelphia, PA 19140
Tuition: Dentist $295  DT $125
Credits: 6 (L)

Many general dentists leave dental school with minimal knowledge of orthodontics. In this course, general dentists will learn the basics of diagnosis and treatment planning of orthodontic malocclusions. Similarities and differences in treatment of Class I, Class II division 1, Class II division 2, Class III, and subdivision cases will be discussed in detail. Various types of tooth movement will be explained, such as intrusion and extrusion, tip and torque, etc. When to use these tooth movements, whether treating with braces or Invisalign, will be reviewed. The course will conclude with information on what to look for in an ideal finished result, and acceptable compromises which sometimes need to be made.

Upon course completion, you will:

- To learn to diagnose and treatment plan Class I, Class II division 1, Class II division 2, Class III, and subdivision malocclusions. Specifically, extraction vs. non-extraction, which teeth to extract in particular situations, and surgical vs. non-surgical treatment.
- To learn about different types of tooth movements (tip, torque, extrusion, etc.) and the relevance to general dentistry. For example, how forced eruption can preserve biologic width and improve the crown to root ratio and facial esthetics.
- To learn which types of tooth movement can be expected when treating Invisalign cases.
- To learn what to look for in a finished case.

Presenter
Harold Slutsky, DMD

Harold Slutsky, DMD is a Clinical Associate Professor (Adjunct) of Orthodontics at the Kornberg School of Dentistry at Temple University. In addition, he is a Visiting Scholar at New York University. He is Course Director of the Junior Dental Student Orthodontic Lecture Series, the Advanced Education in General Dentistry (AEGD) Lecture Series, and the Second Year Orthodontic Resident Lecture Series. He received his DMD from the University of Pennsylvania School of Dental Medicine in 1985, and a Certificate of Specialty in Orthodontics from the New York University College of Dentistry in 1987. He is a published author in several peer reviewed journals. In addition, Dr. Slutsky is a Diplomate of the American Board of Orthodontics and maintains a private practice in both Northeast Philadelphia and Bensalem, PA.

Dr. Harold Slutsky: No relevant financial relationships to disclose.
CE Planning Committee: Members of the CE planning committee have no relevant financial relationships to disclose.
The management of the ridge alterations that take place following tooth extraction is of great interest for Implant Dentistry. The current presentation will describe a series of studies in humans and animals regarding the various ways to approach the post-extraction bone diminution. It will be demonstrated that the anatomy of the alveolar process influences the amount of post-extraction bone loss. The benefit of a minimally invasive tooth extraction for the socket healing will also be discussed. Studies that have evaluated the benefit of immediate implant installation and/or bone graft for the maintenance of the ridge profile will be presented. It will be demonstrated that immediate implant placement fails to prevent buccal bone loss and that socket graft with bone substitutes can compensate for such bone loss. The use of ridge preservation, a clinical procedure that aims at preserving the ridge volume within the envelope existing at the time of extraction, and ridge augmentation, a procedure that aims at increasing the ridge volume beyond the skeletal envelope existing at the time of extraction, will be described. Clinical cases that illustrate the surgical technique and outcome of ridge preservation and augmentation procedures will be discussed.

Upon course completion, you will:

- Be able to describe the dimensional alterations that take place in the alveolar process following tooth extraction.
- Be able to discuss the importance of alveolar process anatomy, the benefit of minimally-invasive tooth extraction and the benefit of ridge preservation and augmentation following tooth extraction.
- Be able to describe the ridge preservation procedure.

Presenter
Mauricio G. Araujo, DDS, MSc, PhD

Dr. Araujo is a Periodontist working both in private practice and at The State University of Maringá, Parana, Brazil. He completed his PhD at The University of Gothenburg, Sweden in 1998. He is the Chairman of the Perio/Implant Research Unit, State University of Maringá and Senior-researcher at the Department of Periodontology, Goteborg University. He has together with his co-workers published groundbreaking research in the fields of ridge alterations following tooth extraction, ridge preservation, bone formation in extraction sockets and immediate implant placement. He is an ITI Fellow, the ITI Chairman in Brazil and an Osteology Foundation Board member. He is member of the editorial board of several journals.

We gratefully acknowledge the educational support of this course by PIEZOSURGERY INCORPORATED and Straumann.

Dr. Mauricio Araujo: Consultant fees from Straumann. CE Planning Committee: Members of the CE planning committee have no relevant financial relationships to disclose.
Esthetic Dentistry and Periodontal Prosthesis: A Wonderful Marriage for Today’s Restorative Dentist

Date: Friday – November 17, 2017
Time: 9:00 a.m. – 4:00 p.m.
Registration: 8:30 a.m.
Location: Temple University Kornberg School of Dentistry
3223 N. Broad Street, 1st Floor, Seminar Room 1
Philadelphia, PA  19140
Tuition: Dentist $295    Dental Team $125
Young Alumni Special Rate (Graduate of 2007 – 2017)    $150.00
Credits: 6 (L)

Every consumer survey shows that the teeth and smile are the most important aspect of facial attractiveness, so we need to start here. What do patients see when looking at the face and smile? Yes, there is science and clear evidence that leads us to treatment choices and protocols to capture the essence that patients are seeking to enhance their facial attractiveness. Learn the lessons from Periodontal Prosthesis that contribute to this predictable new treatment success. Course participants will take home a new concept of facial form, dental function and harmony that blends the sound principles of Periodontal Prosthesis with the latest techniques and devices of Dental Macroesthetics.

Upon course completion, you will:

- Learn the science of viewing perspective and how to look “through the eyes of the patient”.
- Learn the menu for the new, evidence based Therapeutic Model of Dento-Facial Esthetics.
- Understand the Esthetic Gauges and the Facial Plane Relator, extraordinarily easy to master, that will lead the Restorative Dentist to predictably superior results, and evoke “Wow doctor. No one ever did this for me before!”
- Learn the 7 Point Esthetic Check List (featured in Inside Dentistry, March 2013) to make sure essential factors are right.
- Learn lessons from the Masters of Periodontal Prosthesis that defined the Penn/Temple concept of the Form and Function of the Masticatory System and contribute the essentials of dental anatomy so critically important to the “staging” of the anterior dental composition.
- Understand “The View” for Lower anterior anatomy and esthetics (Dr. Len Abrams)
- Understand patient case studies that will be used to illustrate: The impact of the teeth and smile on Facial Esthetics and Applying these principles to the Periodontal Prosthesis patient.

Presenter
Joseph R. Greenberg, DMD, FAGD
Dr. Greenberg is Clin. Prof. Restorative Dentistry the Kornberg School of Dentistry at Temple University; Clin. Prof. of Periodontics the Univ. of Penn. School of Dental Medicine. Private Practice in Villanova, PA. Joseph R. Greenberg, DMD, FAGD received his dental degree and post doctoral dual specialty training in Periodontics and Fixed Prosthodontics/Periodontal Prosthesis from the University of Pennsylvania School of Dental Medicine, where he has taught for over 35 years and holds the rank of Clinical Professor of Periodontics. Dr. Greenberg has been appointed Clinical Professor of Restorative Dentistry at The Kornberg School of Dentistry at Temple University, where he was Course Director of Advanced Restorative Dentistry for 8 years. He has served on editorial boards of professional and related health magazines, was a member of The Bryn Mawr Hospital dental staff, and has contributed over 20 original articles to the dental literature. In addition he has served as Team Dentist to the Philadelphia 76ers, and has maintained a
private practice in suburban Philadelphia for over 35 years. Dr. Greenberg has consulted for major dental product manufacturers in research, development and marketing, and has invented the Facial Plane Relator, and the Etched porcelain-fused-to-metal Resin Bonded Bridge. Dr. Greenberg holds Fellowships in the highly selective American Academy of Esthetic Dentistry, the Greater New York Academy of Prosthodontics, the College of Physicians and Surgeons of Philadelphia, and the Academy of General Dentistry. He is former executive director and President of the Charles L. Pincus Foundation, founder and 1st President of “Kids Smiles” a non-profit Community Center for Children’s Dental Health, founding Vice President of The National Children’s Oral Health Foundation, and has served many other non-profit volunteer activities and Boards. He won the first annual Trudi Birger Award from Alpha Omega International Dental Fraternity (2005) and the Pennsylvania Dental Association Special Community Service Award (2006) for his work with Kids Smiles. Recently Dr. Greenberg served a term on the Board of Visitors of the Kornberg School of Dentistry at Temple University and remains a special advisor to the Dean. He has now given over 100 invited lectures to Dentists and dental students all over the world and at his private Teaching Center.

We gratefully acknowledge the educational support of this course by Ho Dental Company and Hu-Friedy.

Dr. Joseph Greenberg: Course sponsorship from Ho Dental Company and Hu-Friedy.
CE Planning Committee: Members of the CE planning committee have no relevant financial relationships to disclose.
The Full Crown Preparation (Hands On)

Date: Friday, December 8, 2017
Time: 9:00 a.m. – 12:00 p.m.
Registration: 8:30 a.m.
Location: Temple University Student Faculty Center
3340 North Broad Street
Philadelphia, PA 19140
Tuition: Dentist $225  Dental Team $125
Credits: 3 (L/P)

This presentation will examine the criteria for preparation of natural teeth to be restored with a full crown as well as an assessment of different crown preparation designs. A step by step methodical method will be shown. Periodontal implications will be discussed. This course will include both hands on demonstration of classical crown preparations as well as preparation of periodontally involved teeth.

Upon course completion, you will:

- To understand the criteria for full crown preparation designs.
- To be able to assess completed preparations
- To be able to understand how to methodically prepare teeth for full crowns.

Presenter
Joseph B. Breitman, DMD, FACP

A Diplomate of the American Board of Prosthodontics and a Fellow of the American College of Prosthodontists, Dr. Joseph Breitman is a 1977 graduate of the School of Dental Medicine of the University of Pennsylvania, and a 1979 graduate of the Prosthodontic Specialty Program of Temple University where he continued on to receive a post doctoral masters in Dental Materials/Oral Biology the following year. Dr. Breitman has maintained a successful prosthodontic practice for over 37 years while continuing a strong academic affiliation, having taught at both of his alma maters. He is a published author on topics in prosthodontics, and is sought after as a speaker, nationally and internationally. The mechanics of telescopic retainers have been a strong interest of Dr. Breitman since he was mentored by Dr. Irving Yalisove, who developed this modality of treatment. He lives in the Philadelphia suburbs with his wife and three children.

Dr. Joseph Breitman: No relevant financial relationships to disclose.
CE Planning Committee: Members of the CE planning committee have no relevant financial relationships to disclose
General Information

Meeting Times
Refer to specific course description for further details.

Payment & Registration

Payment:
1. Visa, Mastercard, Discover, American Express
2. Money Orders
3. Checks made payable to: TUKSoD/CE

Registration:
1. Online: http://dentistry.temple.edu/continuing-ed
2. Phone: 215-707-7541
3. Fax: 215-707-7107
4. Mail: Make check payable to: TUKSoD/CE
   Send payment and registration to:
   Temple University Kornberg School of Dentistry
   Office of Continuing Education
   c/o Nicole Carreño
   3223 N. Broad Street, Room 301
   Philadelphia, PA 19140

All registration fees include tuition, refreshments, lunch (except where noted), and parking (unless otherwise noted).

Register early as courses fill quickly!
Cancellation / Refund

Full refunds are granted, less a $50 administrative fee per person, if we receive your written cancellation five business days prior to the start of a course; no refunds are granted after that time.

Temple University Kornberg School of Dentistry (TU KSoD) sponsors all continuing education in the spirit of academic freedom, but we do not endorse any particular product, technique, or philosophy. Students may attend at a nominal fee; full time and part-time faculty can request the revised tuition policy from the Office of Continuing Education. Breakfast/lunch is provided on site. All may attend on a space available basis, and must notify the Continuing Education Department. Temple University Kornberg School of Dentistry recent graduates (both DMD and advance education students), within one year following graduation, may attend CE courses tuition free on a space available basis. Pre-registration is required.

Note: Temple University Kornberg School of Dentistry reserves the right to change the location, course content, time or teaching faculty of any courses as may be necessary. Any course with insufficient enrollment is subject to cancellation and registrants will be notified of such about two weeks prior to the course date. A full refund will be issued. No cash refunds will be issued on charged registrations. No exceptions.

Course Credit
The Pennsylvania State Board of Dentistry requires the following continuing education credit hours over a two year period for license renewal of dentists and registered dental hygienists: Dentists, 30 CEU’s and Registered Dental Hygienists, 20 CEU’s. It is the responsibility of each participant to verify the requirement of his/her state licensing board.

Verification of attendance will be awarded at the conclusion of the seminar to participants who sign in, attend the entire seminar, and complete an evaluation form. Certificates will be awarded at program completion. No partial credit can be awarded.
Course Locations
*Your confirmation letter will contain directions and parking details.

Temple University Kornberg School of Dentistry
3223 North Broad Street
Philadelphia, PA 19140
http://dentistry.temple.edu/continuing-ed

Student Faculty Center
3340 North Broad Street
Philadelphia, PA 19140
http://www.temple.edu/studentaffairs/studentcenters/sfc/

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Concerns or complaints about a CE provider may be directed to the provider at www.temple.edu/dentistry/ce or to ADA CERP at www.ada.org/cerp.