Multidisciplinary Approach to Complex Restorative Dentistry

Faculty: Ryan Cook, DDS, MS
Time: 3 hrs

Complex treatment plans require a multidisciplinary team approach to maximize therapeutic outcomes. Treating patients utilizing a multidisciplinary approach not only optimizes patient care, but also enhances a clinician’s diagnostic skills. This presentation will review the fundamentals of a multidisciplinary approach and illustrates how state of the art technology can supplement these fundamentals resulting in clinical excellence. Multiple and single unit restorations will be discussed from the treatment planning phase to final restoration in a step by step fashion that allows for easy assimilation into everyday practice.

Target Audience: D, H, A

Academy of General Dentistry Codes:


Teeth or Implants: An Evidence Based Approach to Treatment Planning

Faculty: Ibrahim Duqum, BDS, MS
Time: 1.5-2 hrs

Should I restore this tooth or extract it and replace it with a dental implant? This is a frequent question that dentists encounter on daily basis when evaluating broken and compromised teeth that require root canal therapy, post and core foundations and external coverage restorations. This course will provide a systematic overview of diagnostic and treatment planning criteria to help clarify this very important controversial topic. The most recent evidence and multiple clinical example will be presented to highlight the most current treatment guidelines.
Target Audience: D, H, A, O (Lab Techs)  
Academy of General Dentistry Codes: 

Course Objectives: • Discuss diagnostic criteria important for the evaluation and treatment planning of compromised dentition • Discuss important criteria for dental implant success • Understand evidence based guidelines for clinical decision making regarding the restoration of compromised teeth or replacing them with dental implants

"Allergic" Reactions in the Oral Cavity

Faculty: Mark Kutcher, DDS, MS  
Time: 2 hrs

Patients experience "allergic" reactions to many foods, medications, and dental products. These reactions manifest in the oral cavity in various forms. This presentation will discuss the occurrence of oral allergic phenomena, their more common causes, diagnostic methods, and treatment options.

Target Audience: D, H, A, O (pharmacists, physicians)  
Academy of General Dentistry Codes: Oral Medicine, Oral Diagnosis, Oral Pathology

Course Objectives: 1. Be familiar with the more common causes of oral allergic reactions. 2. Recognize the various appearances of allergic reactions. 3. Be comfortable in managing these lesions in your practice

“Pearls” of Oral Medicine

Faculty: Mark Kutcher, DDS, MS  
Time: 2-3 hrs

Interesting and dentally significant “points of interest” concerning oral medicine, therapeutics, pathology, etc. are presented. Each “pearl” is covered in about one minute so that 40 extremely valuable and important concepts are discussed each hour.
A Game Changer in Caries Management: Silver Diamine Fluoride

Faculty: Tim Wright, DDS, MS  
Time: 1-2 hrs

Caries is a complex and multifactorial disease that can be challenging to manage in many patients and populations. The use of fluorides has proven effective in reducing new caries and helping arrest active caries. The newest fluoride product on the market in the United States is Silver Diamine Fluoride (SDF). This compound has been used for decades in other countries and was approved for use in the US in March 2015. This course will review the antimicrobial and remineralizing mechanisms contributing to its effectiveness in preventing and arresting carious lesions and the evidence supporting its use.

Target Audience: D, A  
AGD:

A Polite Conversation about Halitosis

Faculty: Lattice Sams, BSDH, MS  
Time: 1-2 hours  
Elizabeth Kornegay, CDA, RDH, MSDH
Patients come into the dental office everyday exhaling pungent odor. Learn what causes halitosis and the clinical management protocols. Help your patients understand the relationship between halitosis and periodontal disease. Observe how to discuss this odoriferous condition with your patients without causing embarrassment.

Target Audience: D, H, A

Academy of General Dentistry Codes: AGD:

Course Objectives: Objectives: 1. Describe the etiologies of halitosis. 2. Explain the relationship between halitosis and periodontal disease. 3. Establish clinical protocols for managing halitosis. 4. Demonstrate how to discuss halitosis with your patients.

Adolescence: The Dangers Within

Faculty: Ceib Phillips, MPH, PhD

Time: 1 hr

Children generally make regular visits to their pediatrician until age 5. Once in school, a dental health-care professional likely is the health care professional who sees the child most regularly. Adolescence is a time when many psychological and behavioral changes occur that may negatively affect the child’s future. The dentist, particularly the orthodontist and pediatric dentist, because of the length of treatment and frequency of appointments is in a unique position to observe and make appropriate referrals, if needed. The etiology and symptomology of the most common disorders will be reviewed as well as the typical side effects of medications commonly prescribed and possible treatment implications. Strategies for approaching difficult patients will be developed.

Target Audience: D, H, A

Academy of General Dentistry Codes: Electives, Practice Management and Human Relations

Course Objectives: 1. Describe the common symptoms of adolescent mood disorder, eating disorder, ADHD, conduct disorder. 2. Describe the possible treatment implications of these disorders. 3. Develop strategies for dealing with difficult patients.
### Advanced Fulcruming

**Faculty:** Elizabeth Kornegay, CDA, RDH, MSDH  
**Time:** 1-2 hours

Basic preclinical skills such as modified pen grasp, fulcruming and instrument design are the foundation for learning the principles behind advanced fulcruming. These basic preclinical skills work well with the typical prophylaxis patient. Yet not all patients are typical! Advanced your psychomotor skills so you are better prepared to adapt to complex dental hygiene cases that makes scaling challenging.

**Target Audience:** H  
**AGD:**

**Academy of General Dentistry Codes:**

**Course Objectives:**
1. Define the term fulcrum and describe when an advanced fulcrum may be used.  
2. Understand the advantages and disadvantages of using an advanced fulcrum.  
3. Describe the different types of advanced fulcrums and how to position each in the mouth.  
4. Demonstrate how to position the hand when using the different types of advanced fulcrums using an anatomically shaped periodontally involved dentition with soft silicone transparent gingival material

### Advances in Ultrasonic Instrumentation: Piezoelectric and Magnetostrictive Technologies for Enhanced Patient Care

**Jennifer Harmon, BA, BS, RDH, MS**

This course will discuss new design features in both piezoelectric and magnetostrictive ultrasonic units, and tips that help to enhance performance and provide ergonomic benefits to practitioners.

**Target Audience:** D, H  
**AGD:** 495

**Academy of General Dentistry Codes:** Periodontics - Non-Surgical Therapeutic Management

**Course Objectives:**
1. Discuss new advances in piezoelectric and magnetostrictive ultrasonic unit technologies.  
2. Compare and contrast new ultrasonic insert designs available for both magnetostrictive and piezoelectric ultrasonic units.  
3. Discuss ultrasonic design features that may enhance instrumentation, performance and ergonomics.
AIDS and the Dental Practice: Update on Social & Clinical Aspects

Faculty: Lauren Patton, DDS  
Time: 3 hrs

Understanding the epidemiology, transmission, social issues, and clinical responses to HIV infection will enhance your ability to manage patients with HIV. This course considers how dental offices may respond to AIDS and discusses referral and treatment options. Information will be presented on dental treatment considerations and management of AIDS-related oral lesions.

Target Audience: D, H, A, O (physicians, nurses, health educators)  
AGD: 130, 148

An Update on the Diagnosis and Management of Temporomandibular Disorders

Faculty: Pei Feng Lim, BDS, MS  
Time: 2-4 hrs

Temporomandibular disorders (TMD) is a collective term embracing a number of clinical problems that involve the masticatory musculature, the temporomandibular joints, and associated structures. This presentation will discuss the diagnosis of various TMD subtypes and the treatment strategies.

Target Audience: D, H, A, O (Laboratory Technicians)  
AGD:

Anorexia and Bulimia Nervosa: Patients in the Closet

**Faculty:** Michael Roberts, DDS, MScD  
**Time:** 1-2 hrs

Anorexia and bulimia nervosa are eating disorders that are seen primarily in young females of Western-style developed countries. One-and-a-half to five percent of females between 11-25 years of age is affected. Experts believe that these figures are greatly underestimated. A distorted perception of themselves and an exaggerated concern with weight is a common factor in both disorders. The dental profession has a unique opportunity to make an early diagnosis of the disorders. Information for recognition, intervention, and management of the oral sequel will be presented. Participants will be encouraged to share their clinical experience with these disorders.

**Target Audience:** D, H, A  
**AGD:** 430

**Academy of General Dentistry Codes:** Pediatric Dentistry

**Course Objectives:** 1. Provide the course participants with timely information relative to the systemic and intraoral manifestations of eating disorders. 2. Provide the course participants treatment options available to the dental team.

Anterior Implant Restoration: Mastering the Perio-Restorative Interface

**Faculty:** Ryan Cook, DDS, MS  
**Time:** 3 hrs

Communication is paramount in achieving optimal treatment outcomes in implants dentistry. An important tool in implant communication is the fabrication of implant provisional restorations. Provisional restorations assist in achieving ideal soft tissue contours and communicate minute details of the final restoration to the laboratory technician and patient. This course will discuss and demonstrate different provisionalization and final impression techniques in an organized fashion that allows for easy assimilation into your practice. The course will also discuss and demonstrate the how digital (CAD/CAM) dentistry enhances the fabrication of implant provisional and final restorations as well as communication with referring restorative dentist.

**Target Audience:** D, H, A  
**AGD:**

**Academy of General Dentistry Codes:**
Course Objectives: 1. Understand and demonstrate different techniques in the fabrication of provisional implant restorations. 2. Understand how digital (CAD/CAM) dentistry can increase the efficacy of implant provisional restorations and communication with referring restorative dentist. 3. Illustrate how the formulation of a comprehensive diagnosis and treatment plan influence the esthetic outcomes of implant provisional and final restoration. 4. Understand the natural treatment progression from provisional restorations to final restorations.

Artistic and Scientific Elements. The Essence of Modern Day Ceramics

Faculty: Taiseer Sulaiman, BDS, PhD

Presenting dental ceramics mostly used in today's practice with emphasis on material properties, optical properties, preparation, cementation and clinical based evidence of modern day ceramics.

Target Audience: D, O (Laboratory Technicians)

Academy of General Dentistry Codes: Basic Science - Dental Materials, Operative Dentistry - Porcelain Veneers, Prosthodontics/Fixed - All Ceramic Restorations

Course Objectives: To help the clinician in selecting the optimal ceracamic material from a materials and clinical point of view.

Assessment and Treatment of the Geriatric Patient

Faculty: Allen Samuelson, DDS

Improve your ability to assess and treat the geriatric patient. Gain knowledge and skills that will enable you to make appropriate decisions regarding who to treat, how much treatment to provide, and under what conditions treatment should be provided. Topics can be chosen based on interests of the participants. Topics include the following: - Be familiar with techniques for the Health History Assessment of the Geriatric Patient - Be familiar with the importance of the Pharmacological Assessment of the Geriatric Patient - Be familiar with the provision of Dental Care to Nursing Home Patients - Be familiar with the Assessment of Functional Status and Wheelchair Transfer Techniques in the Elderly - Be familiar with the Assessment of Mental Status in the Geriatric Patient - Understand Common Geriatric Conditions of Significance in Dental Care - Recognize Elder Abuse - Understand treatment techniques of Root Caries in the Elderly Dental Patient as well as the IMPORTANCE of prevention.
Target Audience: D, H, A

Academy of General Dentistry Codes: Special Patient Care, Special Patient Care - Geriatric Dentistry

Course Objectives: 1. Familiarity with the demographics of aging 2. Understand how to perform an assessment of an elderly patient 3. Understand the importance of prevention, caregiver/patient education/treatment planning in the elderly patient 4. See cases exemplifying the principles presented in the lecture

Bleaching Techniques for Vital and Non-Vital Teeth

Faculty: Gustavo Oliveira, DDS, MS

Time: 1 hr

This presentation will review the various bleaching techniques for discolored teeth. Particular attention will be given to the latest developments in this area.

Target Audience: D

Academy of General Dentistry Codes: Esthetics - Cosmetic Dentistry

Course Objectives: Following attendance to this course, the participant should: 1. Know the various options for lightening discolored teeth. 2. Understand the benefits and limitations of each.

Bleeding Risk in Dental Practice

Faculty: Lauren Patton, DDS

Time: 1 hr

This course will provide the dental team with evidence based contemporary approaches to identifying and safely treating patients at risk for bleeding in dental practice. This course will emphasize management of patients on antiplatelet and anticoagulant medications.

Target Audience: D, H, A

Academy of General Dentistry Codes: Special Patient Care - Dentistry for the Medically Compromised, Special Patient Care - Geriatric Dentistry, Special Patient Care - Hospital Dentistry
Course Objectives: 1) To increase the dental team’s awareness of patients who are at risk for abnormal bleeding during and following dental procedures. 2) To enhance the team’s knowledge of current antiplatelet and anticoagulant medications used by dental patients and dental management strategies for these individuals.

Bonding Agents: The Science That Matters to your Practice

Faculty: Gustavo Oliveira, DDS, MS  Time: 1-2 hrs

This presentation will provide an informative and useful look at the area of adhesive dentistry, concentrating on the clinical use of bonding agents. Studies have shown that bonded restorations done in the US present about half of the lifespan expected for these materials. Throughout the presentation, I will critically examine the science behind the bonding agents routinely used in our practices. The audience will also learn strategies to clinically improve restorations, through objective criteria and clinical pearls. Should you get away from unbonded restorations? You decide.

Target Audience: D, H, A  AGD:

Academy of General Dentistry Codes:

Course Objectives: 1. Refresh basic concepts of bonding, and presenting the requirements for this procedure. 2. Discuss the various components of modern bonding agents, presenting them in a clinician-friendly table. 3. Present the science that matters: findings of related research from in-vitro, clinical and epidemiological studies, that will positively impact your practice. 4. Discuss potential problems, clinical pearls, and strategies to achieve success with bonded restorations.

Bone Grafting in Conjunction with Dental Implants

Faculty: Glenn Reside, DMD  Time: 1 hr

This program provides orientation for the general dentist on the various methods for augmenting alveolar bone in preparation for dental implants.

Target Audience: D  AGD: 310

Academy of General Dentistry Codes: Oral and Maxillofacial Surgery
Course Objectives: Upon completion of this course you will be able to: 1. Understand options available to improve your patient’s prospects for dental implant treatment. 2. Improve your ability to counsel patients regarding options for replacing missing teeth.
Caries Prevention Agents - Beyond Fluoride

Faculty: Tim Wright, DDS, MS
Time: 1-3 hrs

This course will review commercially available therapeutic agents directed at helping prevent or reverse dental caries. While fluorides are considered the gold standard therapeutic agent for preventing and arresting dental caries, there are a variety of modalities that are marketed to help prevent or stop tooth decay. This course will review treatments ranging from sugar free chewing gums and artificial sweeteners such as xylitol to remineralizing agents such as amorphous calcium phosphate and casein phosphoprotein. The clinical evidence for the effectiveness for each therapeutic approach will be reviewed.

Target Audience: D, H, A
AGD: 430

Academy of General Dentistry Codes: Pediatric Dentistry

Course Objectives: The objective of this course is to give oral health care providers detailed information about the different commercially available anti-caries agents that are commercially available in the United States and the clinical evidence of their effectiveness for preventing and/or treating dental caries.

Cariology: Clinical Strategies Based on Caries-Risk Assessment

Faculty: Luiz Pimenta, DDS, MS, PhD
Time: 1-4 hrs

Differentiate your practice treating your patients with new clinical strategies based on caries-risk assessment. Classify your patients according to caries-risk. Gain knowledge and skills for caries diagnosis distinguishing arrested and active caries in occlusal, proximal and root surfaces. Establish how much treatment to provide and under what conditions restorative treatments should be provided. Topics: - Caries risk based prevention program - Understanding the development of dental caries - Cariogram, how to assess caries risk in private practice -Preventive Clinical Strategies based on caries-risk assessment - Infants - Children - Adults - Older adults - Preventive Materials and Procedures - Toothbrushes and flossing - Dental Prophylaxis and Professional Fluoride Application - When prescribe artificial saliva and fluoride supplements - Dental Sealants - Clinical Diagnosis and Treatment of Hidden-Caries - Minimally invasive restorative dentistry
Target Audience: D, H, A

Academy of General Dentistry Codes: Operative (Restorative) Dentistry, Operative Dentistry - Root Caries & Treatment


Case Studies in Dental Hygiene Program

Faculty: Elizabeth Kornegay, CDA, RDH, MSDH  
Time: 2-4 hours

This interactive course will use information from case studies to teach dental hygienist how to use critical thinking skills to incorporate a more holistic approach to the assessment, diagnosis and planning, implementation and evaluation phases of patient care. Participants will observe the importance of thorough documentation. The therapeutic management of several unique dental hygiene cases will be reviewed. Strategies and challenges that arise during the daily clinical practice of dental hygiene will also be discussed.

Target Audience: H  
AGD:

Academy of General Dentistry Codes:

Course Objectives: 1. Demonstrate the importance of thorough documentation of all relevant information that may affect the outcome of patient care pertaining to each case study. 2. Understand the holistic approach to patient care. 3. Create a learning experience to increase the understanding of the variety and complexity of treating hygiene patients.

Challenges in the Diagnosis of the Non-Odontogenic Toothache

Faculty: Pei Feng Lim, BDS, MS  
Time: 2 hrs
It is not unusual for a patient to present with pain in a tooth (or teeth) without corresponding dental or pulpal pathology. Such toothaches often mimic endodontic pain, but are non-odontogenic in origin. The source of the pain could originate from various non-dental structures.

Target Audience: D, H, A

Academy of General Dentistry Codes:

Course Objectives: 1. Primary vs. heterotopic pain, and source vs. site of pain 2. Differential diagnosis of non-odontogenic toothache 3. Management of non-odontogenic pain

Clinical Oral Examination Techniques and Early Detection of Oral Cancer

Faculty: Valerie Murrah, DMD, MS

Time: 3 hrs

Thorough techniques for oral, head and neck examination will be covered, with the goal of reinforcing the confidence of the clinician in providing the type of initial examination that will detect even the most subtle abnormalities. The clinical evaluation of a variety of types of lesions that could represent oral cancer will be discussed, as well as the indications for biopsy and appropriate follow-up. Performing detailed examination and providing patient education concerning the process of detection and management of lesions will be emphasized as a practice builder.

Target Audience: D, H

Academy of General Dentistry Codes: Oral Medicine, Oral Diagnosis, Oral Pathology

Course Objectives: 1. Describe the signs and symptoms of soft tissue and bone lesions. 2. Discuss methods of oral cancer diagnosis. 3. Discuss how dental team members can work together to improve the identification of oral pathoses.
Clinical Oral Pathology: Improving and Saving Lives

Faculty: Valerie Murrah, DMD, MS  
Time: 3-7 hrs

The entire team in the general dental practice will learn about the identification and management of soft tissue and bone lesions. The course will focus on the concept that the dental team can definitely improve and save lives in this area. Team members can work to build the reputation that they are dedicated to total oral health care in the context of the patient's overall health. Numerous specific examples will be provided.

Target Audience: D, H, A  
AGD: 730, 739

Academy of General Dentistry Codes: Oral Medicine, Oral Diagnosis, Oral Pathology, Oral Medicine, Oral Diagnosis, Oral Pathology - Oral Pathology

Course Objectives: 1. Describe the signs and symptoms of soft tissue and bone lesions. 2. Discuss methods of oral cancer diagnosis. 3. Discuss how dental team members can work together to improve the identification of oral pathoses.

Clinical Protocols for Immediate Loading of Full Arch Restoration

Faculty: Ryan Cook, DDS, MS  
Time: 3 hrs

Immediate loading of full arch restoration is a complex process that requires clinicians to make decisions during treatment that affect the long term success of implant restorations. Understanding the process and developing a clinical protocol is key to clinical success. This course explores the evidence base behind full arch implant restorations and develops a clinical protocol assist clinical decision making.

Target Audience: D, H, A  
AGD:

Academy of General Dentistry Codes:

Course Objectives: 1. Understand and demonstrate the process of immediate loading. 2. Understand different techniques in immediate loading. 3. Apply evidence-base dentistry immediate loading protocols. 4. Illustrate how the formulation of a comprehensive diagnosis and treatment plan influence the outcomes of full arch restorations.
### Colored Lesions in the Oral Cavity

**Faculty:** Mark Kutcher, DDS, MS  
**Time:** 2-3 hrs

Review of various red, white, blue-black and yellow colored lesions occurring in the oral cavity as to their appearances, diagnosis, and management.

**Target Audience:** D, H, A, O (physicians)  
**AGD:** 730

**Academy of General Dentistry Codes:** Oral Medicine, Oral Diagnosis, Oral Pathology

**Course Objectives:**
1. Understand the physiology of the various colors to the lesions.
2. Be able to recognize the signs and symptoms of the different lesions.
3. Be comfortable with the management of lesions.

### Computer – Based Cephalometric Tracing For Dental Assistants

**Faculty:** Lorne Koroluk, DMD, MSD, MS, FRCD(C)  
**Time:** 1.5 hrs

Cephalometric analysis is an important tool in the diagnosis and treatment planning of orthodontic patients. In orthodontic practices the exposure of cephalometric radiographs, identification of landmarks, tracing and analysis are tasks commonly completed by dental assistants. Tracing and analysis has been greatly simplified through the development of computer software. This course is an introduction to cephalometric tracing and analysis using a computer-based system.

**Target Audience:** A  
**AGD:** 730, 735

**Academy of General Dentistry Codes:** Oral Medicine, Oral Diagnosis, Oral Pathology, Oral Medicine, Oral Diagnosis, Oral Pathology - Treatment Planning

**Course Objectives:**
1. Review objectives of cephalometric analysis
2. Review common cephalometric landmarks and points
3. Review the use of a common computer based cephalometric analysis software
Contaminated Aerosols: Smart Practices for Preventing and Reducing Ultrasonic Aerosol Production

Faculty: Jennifer Brame, RDH, MS  Time: 1-2 hrs

Did you know that aerosols produced by ultrasonic instrumentation are always present and can linger in the environment for prolong periods of time? Research has emerged that spearheaded fundamental changes in OSHA and CDC recommendations, causing a shift in practice standards for dental hygienists. Are you complying with the new standards of care? This course is designed to update the dental hygienist on the latest research and recommendations for preventing and reducing ultrasonic aerosol production.

Target Audience: H  AGD: 495

Academy of General Dentistry Codes: Periodontics - Non-Surgical Therapeutic Management

Course Objectives: Upon completion of the course, the learner will: 1. Discuss current research regarding atmospheric contamination from ultrasonic scaling. 2. Learn about ways to prevent and reduce aerosol production 3. Practice using updated standards and recommendations in order to reduce aerosol contamination

Contemporary Ceramic Restorations

Faculty: Ibrahim Duqum, BDS, MS  Time: 1.5-2 hrs

Ceramic restorations are revolutionizing esthetic and restorative dentistry. There are many options for the restorative dentists to choose from when treatment planning. Contemporary materials have great potential of providing restorations that are functional yet very esthetic. This course will discuss all types of current ceramic materials, their esthetic potential and how they can be incorporated in modern dentistry to achieve excellent patient functional and esthetic outcomes. The course will provide the most recent evidence and highlight multiple clinical examples.

Target Audience: D, H, A, O (Dental Techs)  AGD:

Academy of General Dentistry Codes:

Course Objectives: A. Overview Contemporary Ceramic Restorations B. Discuss the fabrication techniques of various all ceramic systems C. Highlight the selection process for Contemporary ceramic restorations
Contemporary Metal Free Removable Dental Prosthetic Options-An Update

Faculty: Ibrahim Duqum, BDS, MS  Time: 1-2 hrs

Metal free options for partial removable prosthetic frameworks are gaining a lot of popularity. This course will overview the latest material and innovation for dental and implant retained and supported removable prosthesis. Guidelines for use and design of such prosthesis will be discussed. The course includes various clinical examples and highlight the advantage and limitation of these contemporary materials.

Target Audience: D, H, A, O (Lab Technicians)  AGD:

Academy of General Dentistry Codes:

Course Objectives:  
• Review latest innovations and techniques for fabricate removable dental and implant prosthetics.  
• Discuss the advantages and limitation of contemporary metal free removable prosthetic framework materials.  
• Compare and contrast conventional and digital approaches for removable dental and implant prosthetic design and fabrication.

Coping With the Bumps Along the Examination Highway

Faculty: Valerie Murrah, DMD, MS  Time: 1-3 hrs

Nodular lesions are frequently detected during the course of new patient exams and recall exams. This course will cover common and not so common exophytic masses that are encountered by the dental team in evaluating the oral cavity. Etiology and management issues for a spectrum of lesions from common inflammatory hyperplasias to osteosarcomas will be discussed with the idea of preventing small bumps from becoming major pitfalls in your practice!

Target Audience: D, H, A  AGD: 730

Academy of General Dentistry Codes: Oral Medicine, Oral Diagnosis, Oral Pathology

Course Objectives:  
1. Review thorough head and neck examination, emphasizing palpation that can lead to detection of masses.  
2. Discuss normal anatomic features that can be confused with lesional processes.  
3. Delineate the features of soft tissue exophytic processes that are pathologic.  
4. Delineate the features of bony exophytic processes that are pathologic.  
5. Review treatment parameters for specific exophytic lesions.
### Craniofacial Malformations

**Faculty:** Tim Turvey, DDS  
**Time:** 1-2 hrs

This presentation addresses the multidisciplinary needs of patients with craniofacial malformations.

**Target Audience:** D, O (Physicians)  
**AGD:** 750

**Academy of General Dentistry Codes:** Special Patient Care

**Course Objectives:**
1. To introduce multiple malformation syndromes of the craniofacial region.
2. To discuss the timing and sequencing of surgical repair.
3. To emphasize the importance of team care.

### Crossbites in the Mixed Dentition

**Faculty:** Lorne Koroluk, DMD, MSD, MS, FRCD(C)  
**Time:** 2 hrs

The diagnosis and treatment options for crossbites in the mixed dentition are discussed in this two-hour presentation. Treatment options and timing for both anterior and posterior crossbites will be highlighted.

**Target Audience:** D  
**AGD:** 370

**Academy of General Dentistry Codes:** Orthodontics

**Course Objectives:**
1. Diagnosis of skeletal and dental crossbites
2. Timing of treatment for crossbite correction
3. Treatment options for crossbite correction
Crown Lengthening: Principles & Techniques

Faculty: Jonathan Reside, DDS, MS
Time: 1-1.5 hrs

Using case-based examples, this topic will review the principles and surgical techniques for functional and esthetic crown lengthening.

Target Audience: D, A

Academy of General Dentistry Codes: Periodontics, Periodontics - Crown Lengthening Surgery

Course Objectives: 1. Review the principle of biologic width and its role in restorative treatment. 2. Discuss the indications and contraindications for crown lengthening. 3. Present surgical crown lengthening techniques, review post-operative instructions, and discuss timing of restorative care following surgery.

Current Oral Health recommendations regarding Bisphosphonate Related Osteonecrosis of the Jaws

Faculty: Christine Downey, DDS, MS
Time: 1 hr

This course is designed to educate nurses, nurses' aides, and other medical professionals regarding the management of BRONJ. Specific content to be addressed is: risk factors for BRONJ, current guidelines for treatment of BRONJ, importance of oral health as it relates to prescribing bisphosphonates, coordination of care.

Target Audience: D, H, A, O (RN, LPN, NP, Physicians all other health professionals)

Academy of General Dentistry Codes:

Course Objectives: At the completion of this course, the participant will be able to: 1. Define Bisphosphonate Related Osteonecrosis of the Jaws BRONJ 2. Describe risk factors for BRONJ as defined by AAOMS criteria 3. Be aware of patient's oral health when prescribing bisphosphonates 4. Realize the importance of coordination of care between medical and dental professionals when prescribing bisphosphonates
Current Oral Health recommendations regarding Medication Related Osteonecrosis of the Jaws

Faculty: Christine Downey, DDS, MS
Time: 1 hr

This course is designed to educate nurses, nurses’ aides, and other medical professionals regarding the management of MRONJ. Specific content to be addressed is: risk factors for MRONJ, current guidelines for treatment of MRONJ, importance of oral health as it relates to prescribing bisphosphonates, coordination of care.

Target Audience: D, H, A, O (RN, LPN, NP, Nurses’ Aides, Physicians)

Academy of General Dentistry Codes:

Course Objectives: 1. Define Medication Related Osteonecrosis of the Jaws MRONJ 2. Describe risk factors for MRONJ as defined by AAOMS criteria 3. Be aware of patient’s oral health when prescribing bisphosphonates 4. Realize the importance of coordination of care between medical and dental professionals when prescribing bisphosphonates

Current Strategies in Management Techniques for the Diabetic Patient in your Dental Office

Faculty: Christine Downey, DDS, MS
Time: 1-2 hrs

This course is designed to educate the practicing dentist and dental hygienist regarding the dental management of the diabetic patient. Specific content to be addressed is: prevalence and etiology of diabetes, identification of key interview questions to be asked during medical history collection, and dental management strategies.

Target Audience: D, H

Academy of General Dentistry Codes: Special Patient Care - Hospital Dentistry, Oral Medicine, Oral Diagnosis, Oral Pathology - Medical Health History/Factor, Electives - Medical Emergency Training and CPR

Course Objectives: At the completion of this course, the participant will be able to: 1. Understand diabetes and describe the different types. 2. Describe how diabetes is
Demystifying Mimicry of the Natural Dentition

Faculty: Taiseer Sulaiman, BDS, PhD

Time: 2 hrs

Discussing the fundamentals of color, optical properties, and the importance of understanding how light interacts with teeth and restorative materials. A guide to setting up the dental office with optimal lighting.

Target Audience: D, A, O (Laboratory Technicians)

AGD: 782

Academy of General Dentistry Codes: Esthetics - The Science of Color

Course Objectives: To help the clinician in the process of shade selection and shade duplication

Dental Caries Management for Children: Mythology or Science?

Faculty: Tim Wright, DDS, MS

Time: 1-3 hrs

Dental caries remains a substantial health problem in the United States. Recent studies suggest that the decline in dental caries may have stopped and that 80% of the disease resides in 20% of the population. Understanding the infectious nature of dental caries and the transmission of cariogenic microorganisms provides new insight into potential prevention strategies. The armamentarium for managing caries is diverse, but highly effective when applied appropriately. Many specific techniques should be selectively prescribed depending on the patient’s caries risk. The course presents the scientific basis for our current preventive treatment approaches including diet modification, fluoride treatments, antimicrobial therapy, mechanical plaque control and pit and fissure sealants as they relate to the infectious nature of dental caries.

Target Audience: D, H, A

AGD: 430

Academy of General Dentistry Codes: Pediatric Dentistry
Course Objectives: The objective of this course is to review the evidence based knowledge behind our understanding of the cause and treatment of dental caries in children. Participants will understand the multifactorial nature of dental caries related to microbiology, nutrition, genetic risk and be exposed to developing comprehensive preventive treatment approaches based on the individual patient’s risk.

Dental Caries: Genes, Bugs and Drugs

Faculty: Tim Wright  Time: 3 hours

Dental caries is a highly prevalent chronic disease that is disproportionately distributed in the population. The etiology is complex and multifactorial with contributions from genetics, nutrition, tooth morphology, fluoride exposure, microbial ecology, salivary flow, oral hygiene and other factors that remain to be defined. How these factors contribute to caries varies significantly between individuals. Our understanding of the human genome, microbiome and environmental interactions has grown tremendously over the past two decades and is helping inform our decision making in caries management. This course provides an overview of the etiology of dental caries and caries risk assessment. This foundational knowledge is built upon by providing an up-to-date review of both primary and secondary caries management approaches. More recent caries management approaches such as silver diamine fluoride and non-surgical treatment techniques, such as the Hall crown, and the evidence supporting these therapies, will be discussed.

Target Audience: D, H, A  AGD:

Academy of General Dentistry Codes:

Course Objectives: • Understand genetic contributions to risk and resistance to dental caries and dental fluorosis. • Appreciate how knowledge from human genome, microbiome, and metabolome could be used to an individual’s caries management program. • To understand the indications, contraindications and clinical application of different formulations, concentrations of fluorides including the newly approved silver diamine fluoride. • To understand the evidence for non-fluoride caries management approaches including remineralization and antimicrobial therapeutics. • To be familiar with the clinical application of non-surgical caries approaches such as sealants, resin perfusion, and non-surgical restorative approaches such as the Hall crown technique.
Dental Implant Therapy for the Edentulous Patient

Faculty: Ibrahim Duqm, BDS, MS  
Time: 2-3 hrs

Complete edentulism continues and will continue a common dental problem locally, national and globally. Dental implant therapy provides unique solutions to improve the function, esthetic and quality of life for edentulous patients. This course will cover in detail the demographic of complete edentulism and the implant treatment options of these patients. Both conventional and modern digital approaches will be discussed in details supported by the most recent clinical evidence and highlighted by multiple clinical examples.

Target Audience: D, H, A, O (Dental Techs)  
AGD:

Academy of General Dentistry Codes:

Course Objectives: • Understand the impact of edentulism on anatomy, physiology and systemic health. • Overview treatment options for complete edentulous patients. • Comprehend the removable and fixed approaches for management of complete edentulous patient utilizing dental implant therapy. • Understand the evolution of treatment options and materials for implant supported prostheses and how they can improve patient outcomes.

Dental Implant Therapy for the Partially Edentulous Patient

Faculty: Ibrahim Duqm, BDS, MS  
Time: 2-3 hrs

Partial edentulism continues and will continue a common dental problem locally, national and globally. Dental implant therapy provide unique solutions to improve the function, esthetic and quality of life for the partially edentulous patients. This course will cover in detail the demographic of edentulism and the implant treatment options of these patients. Both conventional and modern digital approaches will be discussed in details supported by the most recent clinical evidence and highlighted by multiple clinical examples.

Target Audience: D, H, A, O (Dental Techs)  
AGD:
Academy of General Dentistry Codes:

Course Objectives: • Understand the impact of partial edentulism on anatomy, physiology and systemic health. • Overview treatment options for the partially edentulous patients. • Comprehend the removable and fixed approaches for management of partially edentulous patient utilizing dental implant therapy. • Understand the evolution of treatment options and materials for implant supported prostheses and how they can improve patient outcomes.

Dental Implants In the Esthetic Zone: Keys to Success

Faculty: Ibrahim Duqum, BDS, MS

Time: 2-4 hrs

Implant in the esthetic zone is a very demanding and delicate clinical procedure. A successful outcome requires exquisite planning, surgical procedures and restorative procedures. This course will describe in detail the various aspects necessary to achieve successful and excellent outcome and realistic expectations when the pre-operative conditions are not ideal and how patient outcomes can be improved by excellent treatment planning, preparation and team management.

Target Audience: D, H, A, O (Lab Techs)

Academy of General Dentistry Codes:

Course Objectives: • Discuss factors guiding dental implant esthetics • Discuss the importance of proper implant positioning • Discuss the importance of soft tissue management • Understand factors affecting dental prosthesis and Abutment design • Explain the relationship between implants and facial esthetics

Dental Lasers: Technology with Many Exciting Applications

Faculty: Michael Roberts, DDS, MScD

Time: 1 hr
Lasers have many exciting applications in clinical dentistry. Lasers can significantly reduce operative pain and bleeding, and eliminate postoperative discomfort. An overview of laser technology and systems currently available to practitioners will be presented. The advantages and disadvantages of specific wave lengths will be highlighted. Clinical cases will illustrate how the use of lasers can enhance patient care.

**Target Audience:** D, H, A

**Academy of General Dentistry Codes:** Electives, Electives - Laser Therapy/Electrosurgery

**Course Objectives:**
1. Review the science behind laser applications.
2. Review the various laser options available to the dentist and their advantages/disadvantages.
3. Provide numerous cases having been treated with a laser.

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**Dental Management of the Cancer Patient**

**Faculty:** Lauren Patton, DDS

**Time:** 2-3 hrs

Gain new insights into the epidemiology of cancer, with emphasis on head and neck malignancy. Oral cancer examination and tools for early detection of oral and pharyngeal cancers will be presented. Oral complications of cancer therapies (radiation, chemotherapy and surgery) will be reviewed and management strategies discussed. Interdisciplinary dental treatment planning before and management after radiation therapy will be highlighted.

**Target Audience:** D, H, A, O (Physicians, nurses, health educators)

**Academy of General Dentistry Codes:** Special Patient Care, Special Patient Care - Dentistry for the Medically Compromised

**Course Objectives:**
1. To understand the epidemiology, risk factors, oral cancer examination and early detection.
2. To examine oral complications of cancer treatment.
3. To recognize the importance of physician consultation in treatment planning for the head and neck cancer patient.
### Dental Material and Product Update

**Faculty:** Lynn Smith, CDA, BS  
**Time:** 2 hrs

Because dentistry is changing so rapidly, staying informed of the advances in dental materials and products has become quite challenging. On the market is a plethora of dental materials, many of which promise to save time and money. But do they? This session will provide information on new materials and will include discussion of accompanying products.

**Target Audience:** D, H, A  
**AGD:** 010, 017

**Academy of General Dentistry Codes:** Basic Science, Basic Science - Dental Materials

**Course Objectives:** 1. Participates to become familiar with the discussed dental materials and products. 2. Provide participants with practical information on discussed dental materials and products. 3. Foster participants’ discussion of their familiarity with given dental materials and products.

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### Dental Pain Pharmacotherapy: Considerations in Today’s Healthcare Landscape

**Faculty:** Kimberly Sanders, PharmD, BCPS  
**Time:** 2 hours

Join other dental healthcare providers for this 2-hour lecture/discuss on pharmacotherapy management of dental pain. Today's healthcare landscape is complex when it comes to ensuring appropriate pain management. Topics discussed include: Opioid prescribing practices, review of the NC CSRS, how to engage with other healthcare providers (including pharmacies) to discuss controlled substance prescribing patterns, and pharmacological approaches to acute dental pain.

**Target Audience:** D  
**AGD:**

**Academy of General Dentistry Codes:**

**Course Objectives:** Upon conclusion of this educational activity, participants will be able to:  
1. Discuss current issues with opioid prescribing practices in today's healthcare landscape  
2. Recognize the utility of North Carolina Controlled Substance Reporting System and how to enhance interprofessional communication among healthcare providers  
3. Describe pharmacological approaches to acute dental pain and patient considerations
Dental Trauma in Children and Adolescents: Diagnosis and Treatment

<table>
<thead>
<tr>
<th>Faculty</th>
<th>Jessica Lee, DDS, MPH, PhD</th>
<th>Time: 1-4 hrs</th>
</tr>
</thead>
</table>

Various aspects of diagnosis and treatment of traumatic injuries to permanent dentition will be highlighted. Treatment modalities including necessary charting and radiographs, pulpal therapies, stabilization methods, interim and final restorative techniques, and orthodontic considerations will be reviewed. Timing of follow-up appointments will be covered.

Target Audience: D

Academy of General Dentistry Codes: Pediatric Dentistry


Dental Treatment Considerations for Patients with Chronic Orofacial Pain

<table>
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<tr>
<th>Faculty</th>
<th>Pei Feng Lim, BDS, MS</th>
<th>Time: 2 hrs</th>
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Patients suffering from chronic orofacial pain such as Temporomandibular Disorders (TMD) or trigeminal neuropathic pain often present with unique and challenging oral hygiene and dental treatment needs. This presentation highlights several important dental treatment considerations for these patients who have pre-existing chronic pain.

Target Audience: D, H, A

Academy of General Dentistry Codes:

Course Objectives: 1. Introduction to chronic orofacial pain 2. Widespread pain and co-morbid pain conditions 3. Dental treatment considerations
Dento-Facial Analysis

<table>
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<tr>
<th>Faculty:</th>
<th>Ryan Cook, DDS, MS</th>
<th>Time: 1-3 hrs</th>
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As dental professionals, it is easy to focus most of our time and energy intra-orally. Esthetic diagnosis should begin with the big picture in mind with a comprehensive dento-facial diagnosis that optimizes therapeutic outcomes. This course will discuss how excessive gingival display and facial form influence our diagnosis and treatment planning. The course will also demonstrate how the use of digital technology assist and enhances our treatment outcomes.

<table>
<thead>
<tr>
<th>Target Audience: D, H, A</th>
<th>AGD:</th>
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**Academy of General Dentistry Codes:**

**Course Objectives:**
1. Understand facial norms and how it influences dental anatomy.
2. Understand how digital (CAD/ CAM) technology can increase the efficacy of dento-facial diagnosis and treatment outcomes.
3. Illustrate how the formulation of a comprehensive diagnosis and treatment plan influence the esthetic outcomes of final restorations.

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Dento-facial Deformities

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<tr>
<th>Faculty:</th>
<th>Tim Turvey, DDS</th>
<th>Time: 1-2 hrs</th>
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An overview of the diagnosis and current treatment options for a variety of patients with developmental facial deformities are presented in this session.

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<tr>
<th>Target Audience: D, O (physicians)</th>
<th>AGD: 750</th>
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</table>

**Academy of General Dentistry Codes: Special Patient Care**

**Course Objectives:**
1. To recognize dentofacial deformities
2. To be able to prioritize the findings
3. To appreciate the importance of health care providers delivering care as a team
4. To become familiar with current surgical procedures to correct facial deformity.
Denture adhesives, zinc toxicity, and denture cleaning--how safe ARE your patients?

**Ibrahim Duqum, BDS, MS**

Recent reports and publications from the American Dental Association have continued to demonstrate that long-term use of zinc-containing denture adhesives may lead to neurological problems for our denture patients. Additionally, current evidence based guidelines for the care and maintenance for dentures have been established and published. This presentation will focus on the myths and realities of denture wear, and will highlight the information you and your staff should discuss with patients regarding their overall health when wearing dentures. Specific topics will include: •The relationship between loss of all teeth and your patient's general systemic health •Use (and abuse) of denture adhesives- -zinc toxicity revealed •Proper cleaning of dentures (in office and at home)--facts and fallacies •Denture recall systems - what works and what doesn't

Target Audience: D, H, A, O (Laboratory Technicians)  AGD: 670

Academy of General Dentistry Codes: Prosthodontics/Removable

Course Objectives: Course Objectives: 1. Review the best denture cleaning methods to teach your patients 2. Discuss the relationship between tooth loss and your patient’s overall health 3. Learn the truth about today’s denture adhesives 4. Evaluate denture recall systems

Developmental Abnormalities of the Teeth: Diagnosis and Treatment

**Faculty:** Tim Wright, DDS, MS  Time: 1-6 hrs

Developmental defects are prevalent in all patient populations and present unique diagnostic and treatment challenges for the dental team. This course will focus on the differential diagnosis of pathological conditions of the teeth including hypodontia and missing teeth, enamel hypoplasia, amelogenesis imperfecta, and conditions affecting the dentin/pulp complex. How knowledge of the unique changes in the dental tissues in each of these different conditions is used to select appropriate and optimal treatment approaches will be demonstrated. Treatment considerations for the primary, mixed and permanent dentitions and restorative techniques for a variety of conditions will be presented.

Target Audience: D, H, A  AGD: 430

Academy of General Dentistry Codes: Pediatric Dentistry
Developmental defects are prevalent in all patient populations and present unique diagnostic and treatment challenges for the dental team. This course will focus on the differential diagnosis of pathological conditions of the teeth including hypodontia and missing teeth, enamel hypoplasia, amelogenesis imperfecta, and conditions affecting the dentin/pulp complex. How knowledge of the unique changes in the dental tissues in each of these different conditions is used to select appropriate and optimal treatment approaches will be demonstrated. Treatment considerations for the primary, mixed and permanent dentitions and restorative techniques for a variety of conditions will be presented.

Target Audience: D, H, A

Academy of General Dentistry Codes: Pediatric Dentistry

Course Objectives: This course will familiarize the participant with the more common developmental defects of the oral cavity and approaches to diagnosing and managing these conditions. The course goal is to help clinicians recognize how understanding the structural and compositional character of enamel and dentin defects will allow selection of optimal treatment approaches ranging from preventive approaches to bonding and prosthetic treatment approaches.

Diagnosis and Management of Adult and Athletic Dental Injuries

Faculty: Ibrahim Duqum, BDS, MS

Time: 1.5-2 hrs

Adult Traumatic dental injuries are a common occurrence especially in athletic population. This course will overview in detail the most common types of dental injuries particularly in athletes, how they are diagnosed, classified and managed from a dental perspective. The course will contain the most recent scientific evidence and is supported by multiple clinical examples.

Target Audience: D, H, A

Academy of General Dentistry Codes:

Course Objectives: • Overview traumatic Dental injuries with emphasis on athletic related dental and facial injuries. • Review diagnosis and treatment of dental traumatic injuries. • Understand guidelines for immediate and long-term management of traumatic dental injuries.
Diagnosis and Treatment Planning for Dental Implant Therapy

Faculty: Ibrahim Duqum, BDS, MS  Time: 2-3 hrs

The use of dental implants is rapidly rising in the US marketplace. However, care must be taken in properly diagnosing and treatment planning a partially or completely edentulous patient for implant therapy. This presentation reviews the information necessary for clinicians to properly examine, diagnose, and treatment plan patients with one or more missing teeth with dental implants.

Target Audience: D, H, A, O (Lab Technicians)  AGD: 690, 697

Academy of General Dentistry Codes: Implants, Implants - Diagnosis and Treatment Planning

Course Objectives: 1. To discuss the clinical and radiographic requirements for diagnosis and treatment planning in dental implant therapy. 2. To discuss the implant treatment options and design for the partially edentulous patient. 3. To discuss the implant treatment options and design for the edentulous patient.

Diagnosis of Malocclusions in the Mixed Dentition

Faculty: Lorne Koroluk, DMD, MSD, MS, FRCD(C)  Time: 2 hrs

This course will review important aspects of the identification and diagnosis of malocclusions in the mixed dentition. The course will review the essentials of the extra-oral, intra-oral and radiographic examinations of children in the mixed dentition. The course will review the prediction of future molar relationships and the assessment of growth potential in children. Evidence-based management of ankylosed teeth and ectopically erupting maxillary canines will also be discussed.

Target Audience: D, H, A  AGD: 430

Academy of General Dentistry Codes: Pediatric Dentistry

Digital Approach to Fixed Prosthodontics

Faculty: Ryan Cook, DDS, MS           Time: 1-3 hrs

Digital dentistry has revolutionized the way we practice dentistry. Understanding the indications and limitations of digital dentistry enhances a clinician’s ability to deliver high quality final restorations. There is a multitude of systems available making it difficult for clinicians choose from the available options. This course compares and contrast different digital systems and how digital dentistry enhances fixed restorations.

Target Audience: D, H, A

Academy of General Dentistry Codes:

Course Objectives: 1. Identify the available options for digitally fabricated fixed restorations. 2. Compare and contrast different digital solutions in fixed prosthodontics 3. Understand pros and cons of different digital workflows. 4. Understand how occlusion is managed in the digital world 5. Understand how digital dentistry increase the communication between clinician and laboratory technician.

Digital Approach to Hard Tissue Augmentation

Faculty: Ryan Cook, DDS, MS           Time: 1-2 hrs

Hard tissue augmentation plays an important role in the prosthetic rehabilitation of partially edentulous and completely edentulous patients. Understanding the indications and limitations of different hard tissue augmentation techniques enhances a clinician’s ability to diagnosis and treatment plan partially edentulous and completely edentulous patients. This course will demonstrate how digital technology can be used to enhance hard tissue augmentation techniques.

Target Audience: D, H, A

Academy of General Dentistry Codes:

Course Objectives: 1. Identify key surgical anatomical structures that influence surgical diagnosis and treatment planning. 2. Identify incision and flap design techniques in hard and soft tissue surgery. 3. Understand the how digital technology can enhance hard tissue augmentation.
Digital Approach to Implant Prosthodontics

Faculty: Ryan Cook, DDS, MS  Time: 1-2 hrs

Digital dentistry has revolutionized the way we practice dentistry. Understanding the indications and limitations of digital dentistry enhances a clinician’s ability to deliver high quality final implant restorations. There is a multitude of systems available making it difficult for clinicians choose from the available options. This course compares and contrast different digital systems and how digital dentistry enhances implant restorations.

Target Audience: D, H, A  AGD:

Academy of General Dentistry Codes:

Course Objectives: 1. Identify the available options for digitally fabricated implant restorations. 2. Compare and contrast different digital solutions in implant prosthodontics 3. Understand pros and cons of different digital workflows. 4. Understand different abutment options in the digital world. 5. Understand how digital dentistry increase the communication between clinician and laboratory technician.

Digital Dentistry Workflow

Faculty: Wendy Clark, DDS, MS  Time: 1-4 hrs

Digital dentistry is fast becoming a part of everything we do as clinicians. This course will cover basic and advanced digital solution, allowing attendees to either jump in to the digital world or to learn skills and possibilities. Topics to cover the range of how to maximize digital workflow without an intraoral scanner, as well and basic intraoral scanning, and advanced digital solutions

Target Audience: D  AGD:

Academy of General Dentistry Codes:

Course Objectives: 1. Know how the dental team can utilize digital workflow, with or without an intraoral scanner 2. Learn ways that digital dentistry can streamline workflow and improve laboratory and team communication 3. Learn how intraoral scanning can be utilized in all phases of treatment planning and restorative dentistry
Digital Dentures

Faculty: Wendy Clark, DDS, MS
Time: 1-3 hours

Digital Dentistry has become a part of everything we do in private practice, and now it has made its way to complete dentures! Digital dentures are a great way to expedite the complete denture process for clinicians and patient... and make them fun!

Target Audience: D, A, O (Lab technicians) AGD:

Academy of General Dentistry Codes:

Course Objectives: 1. Learn how to identify candidates for digital dentures 2. Understand the digital denture sequence for different companies – without an intraoral scanner 3. Be familiar with the benefits and limitations of digital dentures

Digital Dentures vs. Conventional Dentures

Faculty: Tim Wright DDS, MS

Dr. Wright provides his experience with Digital Dentures versus Conventional Removable Prosthodontics

Target Audience: D AGD:

Academy of General Dentistry Codes:

Course Objectives: To compare Digital Dentures vs. Conventional CD and to discuss the evidence, disadvantages, and advantages of both

Digital Footprint: Is it Walking in or out of Your Practice?

Faculty: Jennifer Brame, RDH, MS
Shannon Mitchell, BS, MS

Time: 1-2 hrs

What is a digital dossier and how does it affect your dental practice? This course is designed to educate the learner on the relevance of digital footprints and innovations in technology that may be utilized for dental practice management. Participants will learn about the significance of digital technology, how it may impact a dental practice, and innovations in digital technologies designed for increasing efficiency, marketing, and revenue. Participants are encouraged to bring their smartphone and tablet devices to utilize during the course.
Course Objectives: 1. Learn what a digital dossier is and how it impacts a dental practice personally and professionally. 2. Evaluate your digital footprint. 3. Discover the newest innovations in digital technology that may be used for dental practices. 4. Discuss pros and cons of utilizing digital applications in a dental practice. 5. Create goals and a plan for implementing digital technologies into your dental practice.

Digital Technology in Implant and Restorative Dentistry - An Update

Faculty: Ibrahim Duqum, BDS, MS
Time: 2-4 hrs

Digital technological advancements are affecting all aspects of dentistry in general and restorative and Implant dentistry in particular. This course will present and preview information related to various aspects of contemporary digital restorative and implant dentistry including diagnostic procedures, treatment planning, Computer Aided Design and Computer Aided manufacturing (CAD/CAM) of restorations, Rapid Prototyping and 3D printing, digital dental impressions, guided implant placement, CAD Implant abutments, bars and full arch dental prostheses. The most relevant evidence to support such concepts will be presented with focus on how Digital Dentistry applications can improve patient outcomes. The various concepts will be supported by multiple clinical cases and treatment examples.

Target Audience: D, H, A, O (Lab Techs)

Course Objectives: To understand some of the evolving technologies in Restorative and Implant Dentistry. 2. To understand the advantages of utilizing digital technology in diagnosis, treatment planning and treatment of restorative and dental implant patients. 3. To understand the limitations of such technologies. 4. To understand the clinical sequence associated with new technologies. 5. To discuss the improved patient outcomes with Digital Dentistry applications.
Digital Technology in Restorative Dentistry

Faculty: Ibrahim Duqum, BDS, MS  
Time: 2 hrs

Digital technology is impacting all aspects of dentistry in general and restorative and prosthetic dentistry in particular. This course will present and preview information related to various aspects of digital restorative dentistry including diagnostic procedures, treatment planning, computer aided design and computer aided manufacturing (CAD/CAM) of indirect restorations as well as digital dental impressions. The course will discuss both chair side and lab supported systems and the clinical protocols for both. Moreover, multiple clinical cases in which CAD/CAM technology and digital impressions were utilized will be presented and discussed in details.

Target Audience: D, H, A, O (Laboratory Technicians)  
Academy of General Dentistry Codes: Prosthodontics/Fixed, Prosthodontics/Fixed - All Ceramic Restorations, Prosthodontics/Fixed - Computer designed/fabricated crowns

Course Objectives: 1. To understand some of the emerging new technologies in Implant Dentistry 2. To understand the advantages of utilizing digital technology in diagnosis, treatment planning and treatment of complex dental implant patients. 3. To understand the clinical sequence associated with digitally assisted technologies. 4. To understand the clinical advantages of using digitally designed and fabricated implant abutments, bars and prostheses.

Digital Technology in Implant Dentistry

Faculty: Ibrahim Duqum, BDS, MS  
Time: 2 hrs

Digital technology is impacting all aspects of dentistry in general and implants dentistry in particular. This course will present and preview information related to various aspects of digitally assisted implant dentistry including diagnostic procedures, treatment planning, computer guided implant surgery, digitally designed implant abutments, bars and prosthesis. Moreover, multiple clinical cases in which digitally assisted implant dentistry was utilized will be presented and discussed in details.

Academy of General Dentistry Codes: Prosthodontics/Fixed, Prosthodontics/Fixed - All Ceramic Restorations, Prosthodontics/Fixed - Computer designed/fabricated crowns

Course Objectives: 1. To understand some of the emerging new technologies in Implant Dentistry 2. To understand the advantages of utilizing digital technology in diagnosis, treatment planning and treatment of complex dental implant patients. 3. To understand the clinical sequence associated with digitally assisted technologies. 4. To understand the clinical advantages of using digitally designed and fabricated implant abutments, bars and prostheses.
Target Audience: D, H, A, O (Laboratory Technicians)  
AGD: 615, 780, 783

Academy of General Dentistry Codes: Prosthodontics/Fixed - Computer designed/fabricated crowns, Esthetics - Cosmetic Dentistry, Esthetics - Veneers

Course Objectives: 1. To understand some of the emerging new technologies in Restorative Dentistry 2. To understand the advantages of utilizing digital technology in diagnosis, treatment planning and treatment of restorative dental patients. 3. To understand the limitations of such technologies 4. To understand the clinical sequence associated with new technologies

Digitally Fabricated Complete Dentures: An Update

Faculty: Ryan Cook, DDS, MS  
Time: 1-2 hrs

Advances in computer-aided design/computer-aided manufacturing (CAD/CAM) technology allow clinicians to fabricate fixed and removable restorations with amazing speed and accuracy. Digital fabricated complete dentures allow dentist to restore edentulous patients in an efficient manner. This presentation will discuss and demonstrate the advantages, limitations and steps in restoring edentulous patients with digitally fabricated complete dentures.

Target Audience: D, H, A  
AGD:

Academy of General Dentistry Codes:

Course Objectives: 1. Identify how to evaluate occlusal vertical dimension and centric relation in digitally designed complete dentures. 2. Identify the advantages and limitations to digitally fabricated complete dentures. 3. Identify key anatomical landmarks in the fabrications of digitally designed complete dentures.

Dry, Painful, Burning Mouth and Tongue

Faculty: Mark Kutcher, DDS, MS  
Time: 2 hrs

Dealing with a patient who is experiencing a dry or painful mouth or tongue can be very frustrating. The seminar will highlight etiologies, signs and symptoms, patient workup, and treatment modalities.
Dental caries and developmental dental defects are common in young children and adolescents and can be especially challenging to treat. Obtaining optimal esthetics is often of primary importance to the parent of the young child and to the adolescent patient. While a variety of treatment modalities are available, it is important to select the appropriate approach depending on the specific defect to be restored and the parent/patient expectations. This course reviews a variety of esthetic treatments including resin bonded stainless steel crowns, bleaching, micro-abrasion, and bonding for the young patient.

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<tr>
<th>Target Audience: D, H, O (physicians)</th>
<th>AGD: 730</th>
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<tbody>
<tr>
<td>Academy of General Dentistry Codes: Oral Medicine, Oral Diagnosis, Oral Pathology</td>
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<tr>
<td>Course Objectives: 1. Know the etiologies of dry mouth. 2. Be able to diagnose a patient. 3. Be Comfortable with managing the dry mouth patient in your office.</td>
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Enhancing Ergonomics for Clinical Excellence

<table>
<thead>
<tr>
<th>Faculty: Jennifer Harmon, BA, BS, RDH, MS</th>
<th>Time: 1-2 hrs</th>
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</thead>
<tbody>
<tr>
<td>Elizabeth Kornegay, CDA, RDH, MSDH</td>
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<tr>
<td>Dental team members are at high risk for musculoskeletal disorders (MSDs) due to the nature of their job. Ergonomics is the key to efficiency and the key to the prevention of work-related MSDs. This course provides updated information on the scope of ergonomics in design, equipment, personnel, and musculoskeletal health.</td>
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<tr>
<td>Target Audience: H, A</td>
<td>AGD: 130</td>
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<tr>
<td>Academy of General Dentistry Codes: Electives</td>
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<tr>
<td>Course Objectives: 1) Discuss why ergonomics is important to dental clinicians 2) Analyze incidences and prevalence of MSDs for clinical dental staff 3) Differentiate various types of MSDs affecting dental clinicians 4) Discuss methods to prevent development of MSDs 5) Construct a plan incorporating specific changes that one can make to prevent MSDs</td>
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Esthetic Management of the Primary and Early Permanent Dentitions

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<thead>
<tr>
<th>Faculty: Tim Wright, DDS, MS</th>
<th>Time: 1-6 hrs</th>
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<tr>
<td>Dental caries and developmental dental defects are common in young children and adolescents and can be especially challenging to treat. Obtaining optimal esthetics is often of primary importance to the parent of the young child and to the adolescent patient. While a variety of treatment modalities are available, it is important to select the appropriate approach depending on the specific defect to be restored and the parent/patient expectations. This course reviews a variety of esthetic treatments including resin bonded stainless steel crowns, bleaching, micro-abrasion, and bonding for the young patient.</td>
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## Evolution of Full Arch Restorations in Implant Dentistry

**Faculty:** Ryan Cook, DDS, MS  
**Time:** 3 hrs

Communication is paramount in achieving optimal treatment outcomes in full arch restoration with dental implants. This presentation will discuss and demonstrate how digital techniques have enhanced the restoration of the edentulous patient in an organized fashion that allows for easy assimilation into your practice.

**Target Audience:** D, H, A  
**Academy of General Dentistry Codes:**

**Course Objectives:**
1. Understand different techniques in restoring the edentulous patient with dental implants.  
2. Understand how digital (CAD/CAM) dentistry can increase the efficacy of implant placement and restoration.  
3. Illustrate how the formulation of a comprehensive diagnosis and treatment plan influence final restoration.

## Fifteen Inches From Cancer: Early Recognition of Facial Lesions by the Dentist

**Faculty:** Mark Kutcher, DDS, MS  
**Time:** 2 hrs

Skin cancer is the most common malignancy in the USA. Dentists are in a good position to observe their patients’ faces for worrisome lesions. To enable the dentist to evaluate the face appropriately, this presentation reviews the features of freckles, moles, seborrheic keratosis and discusses sun-damage. Then, both premalignant and malignant lesions are discussed, paying particular attention to their diagnostic features. The concepts of patient referral are also reviewed. Numerous images of the above lesions enhance this presentation.

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**Target Audience:** D, H, A  
**Academy of General Dentistry Codes:**

**Course Objectives:** Participants will be apprised of the importance of esthetics in the pediatric population and restorative approaches for addressing a variety of conditions such as missing teeth and enamel defects. Completion of the course will provide practitioners knowledge on materials and techniques for addressing esthetic oral health issues in the pediatric and adolescent population.
Fluoride Therapy: Infant to Adult

Faculty: Tim Wright, DDS, MS  Time: 1-6 hrs

Fluorides represent one of our primary therapeutic agents for combating dental caries and there are hundreds of different products available for professional and home use. This course provides clinicians knowledge of the different fluoride preparations available, their mechanisms of activity, safety issues and a basis for selectively applying these agents given each product’s therapeutic benefits and potential deleterious effects. The safe and effective use of fluorides including supplements, varnishes, gels, foam, dentifrices, rinses and over the counter products for the pediatric, adolescent and adult patient will be reviewed.

Target Audience: D, H, A  AGD: 010, 017

Academy of General Dentistry Codes: Basic Science, Basic Science - Dental Materials

Course Objectives: To understand the mechanism of different types of fluorides used in preventive dentistry and how they are optimally applied in preventive dentistry. Participants will understand the rationale for selecting specific types of fluoride therapies for patients that have variable risk of dental caries and who differ in age. The participant will understand why and how to use specific agents such as fluoride varnish and other therapeutics in a safe and effective manner.
Full Arch Implant Solutions

Faculty: Wendy Clark, DDS, MS
Time: 2-4 hrs

With increasing numbers of edentulous patients and higher patient expectations, dentists often need alternative to complete dentures for their full arch patients. This course will review treatment planning for the fully edentulous arches, including fixed and removable options.

Target Audience: D, A, O (Lab technicians)

Academy of General Dentistry Codes:

Course Objectives: Objectives: 1. Identify when fixed or removable implant solutions are the best choice for your patient 2. Understand the sequence from diagnosis to implant surgery to final restorative 3. Learn how to incorporate digital dentistry to streamline the process

Guided Implant Surgery: Key to Successful Implant Restoration

Faculty: Ryan Cook, DDS, MS
Time: 3 hrs

Ideal implant placement is paramount in implant prosthodontics. Guided implant surgery has enhanced our ability to achieve ideal implant placement. Understanding the indications and limitations guided implant surgery allows the clinician fabricate implant restorations using a crown down approach. This course will demonstrate how guided implant surgery enhances restorative outcomes.

Target Audience: D, H, A

Academy of General Dentistry Codes:

Course Objectives: 1. Understand and demonstrate how the guided implant surgery influences treatment outcomes. 2. Apply evidence-base dentistry to guided implant surgery. 3. Illustrate how the formulation of a comprehensive diagnosis and treatment plan influence the outcomes of implant restorations.
Halitosis: Etiologies, Diagnoses, and Treatments

Faculty: Mark Kutcher, DDS, MS
Time: 1-2 hrs

Complaints of "bad breath" are not uncommon in the everyday dental practice, yet often present a dilemma to the dentist. This course will evaluate the various causes of halitosis, review the in-office diagnostic steps necessary to confirm the condition, and discuss treatment modalities.

Target Audience: D, H, A
AGD: 730

Academy of General Dentistry Codes: Oral Medicine, Oral Diagnosis, Oral Pathology

Course Objectives: 1. Be familiar with the etiologies of malodor. 2. Be able to evaluate patients with halitosis. 3. Be able to manage these patients in your practice.

Hard and Soft Tissue Augmentation Techniques to Enhance Restorative Outcomes

Faculty: Ryan Cook, DDS, MS
Time: 3 hrs

Hard and soft tissue augmentation plays an important role in the prosthetic rehabilitation of partially edentulous and completely edentulous patients. Understanding the indications and limitations of different hard and soft tissue augmentation techniques enhances a clinician’s ability to diagnosis and treatment plan partially edentulous and completely edentulous patients. This course will demonstrate how hard and soft tissue augmentation can enhance restorative outcomes.

Target Audience: D, H, A
AGD:

Academy of General Dentistry Codes:

Course Objectives: 1. Identify key surgical anatomical structures that influence surgical diagnosis and treatment planning. 2. Identify incision and flap design techniques in hard and soft tissue surgery. 3. Understand the process of wound healing and tissue regeneration. 4. Identify key steps in both hard and soft tissue augmentation. 5. Illustrate the role of hard and soft tissue augmentation is prosthetic rehabilitation.
Head and Neck Cancer: Social and Clinical Update

Faculty: Lauren Patton, DDS  Time: 3 hrs

This course will address the social impact of a cancer diagnosis for the patient and the dental care team provider. Clinical diagnosis of oral premalignant and malignant lesions and the prevention and management of oral complications of radiation and chemotherapy will be discussed. This course will help the dental care team understand the impact of oral health care on the quality of life for cancer patients in their practice.

Target Audience: D, H, A  AGD: 750, 754

Academy of General Dentistry Codes: Special Patient Care, Special Patient Care - Dentistry for the Medically Compromised

Course Objectives: 1. To review the epidemiology and social impact of a cancer diagnosis and cancer care. 2. To recognize oral complications of radiation and chemotherapy. 3. To understand the team approach to managing the head and neck cancer patient.

Health History Assessment of the Geriatric Patient

Faculty: Allen Samuelson, DDS  Time: 2 hrs

Proper assessment of the health history of a medically compromised geriatric patient is crucial to treatment. Emphasis is placed on the use of a comprehensive “medical-dental health questionnaire” and the follow-up questions required for significant findings. Methods for performing a Review of Symptoms (ROS), writing proper medical-dental referral letters, and updating a medical history are also discussed.

Target Audience: D, H, A  AGD: 752

Academy of General Dentistry Codes: Special Patient Care - Geriatric Dentistry

Course Objectives: 1. Understand a technique to obtain a good health history 2. Become aware of the importance of the review of systems 3. Be familiar with resources including medical records, lab tests, etc in the completion of the health history
How to Talk to Your Patients About Smoking

Faculty:  Wendy Clark, DDS, MS  
Time: 1-2 hrs

This course is great for any member of the dental team, as it reviews the clinician’s role in tobacco use cessation. Topics covered will include, pharmacology (nicotine replacement and other medications), counseling, and developing a quit plan. An update on vaping (e-cigarettes) will also be included.

Target Audience: D, H, A  
AGD:  

Academy of General Dentistry Codes:  

Course Objectives: 1. Be comfortable talking about tobacco use cessation with patients 2. Know when and how to prescribe appropriate medications 3. Understand the dental practitioner’s role in tobacco use cessation

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Human Papillomavirus (HPV) in Head and Neck Squamous Cell Carcinoma: The Role of the Dental Professional

Faculty:  Christine Downey, DDS, MS  
Time: 1 hr

This course is designed to educate dental professionals about the changing face of oral cancer. Specific content to be addressed is: the relationship of HPV to Squamous Cell Carcinomas, common risk factors, and treatment strategies for these conditions.

Target Audience: D, H, A  
AGD: 736, 739, 742

Academy of General Dentistry Codes: Oral Medicine, Oral Diagnosis, Oral Pathology - Cancer Screening, Oral Medicine, Oral Diagnosis, Oral Pathology - Oral Pathology, Oral Medicine, Oral Diagnosis, Oral Pathology - Medical Health History/Factor

Course Objectives: At the completion of this course, the participant will be able to: 1. Discuss the etiology and prevalence of HPV and Squamous Cell Carcinomas 2. Describe common risk factors for HPV and Squamous Cell Carcinomas 3. Current treatment modalities and outcomes for HPV and Squamous Cell Carcinomas
Identification and Management of Common Oral Pathologic Conditions

Faculty: Valerie Murrah, DMD, MS  Time: 1-3 hrs

Diagnosis and management of common oral lesions will be discussed with an emphasis on differential diagnosis and avoiding purely empirical treatment.

Target Audience: D, H, A, O (Physicians - family practitioners, internists)  AGD: 730, 739

Academy of General Dentistry Codes: Oral Medicine, Oral Diagnosis, Oral Pathology, Oral Medicine, Oral Diagnosis, Oral Pathology - Oral Pathology

Course Objectives: 1. Participants will be able to describe the typical clinical appearance of multiple common oral lesions. 2. Participants will be able to describe connections between a given oral lesion and possible associated systemic problems. 3. Participants will be able to describe recommended treatments for the oral lesions presented.

Immediate Smile: From Treatment Planning to Restoration

Faculty: Ryan Cook, DDS, MS  Time: 1 hr

Advances in implant design and surface technology has enhanced osseointegration, increasing the speed in which clinicians can restore dental implants. Advances in digital technology and guided surgery has increased the accuracy of placement and restoration. The immediate smiles protocol takes advantage of these advances allowing clinicians to accurately treatment plan and restore patients in one appointment. This presentation will discuss and demonstrate the immediate smile protocol in an organized fashion that allows for easy assimilation into your practice.

Target Audience: D, H, A  AGD:

Academy of General Dentistry Codes:

Course Objectives: 1. Identify key diagnostic steps in treatment planning patients for the immediate smile protocol. 2. Identify the advantages to guided surgery and digitally fabricated restorations. 3. Understand how diagnostic wax ups are merged with three dimensional radiology to facilitate the fabrication of surgical guides. 4. Understand the steps in restoring patients with a digitally designed and fully guided approach.
Implant Overdenture Overview

Faculty: Wendy Clark, DDS, MS  Time: 1-3 hrs

Often, patients are unsatisfied with complete dentures, but are not candidates for fixed implant restorative. Implant overdentures can be a great alternative. This course will review indications and treatment planning for both single attachment (locator) overdentures as well as bar overdentures. Indications and considerations for treatment planning and execution will be discussed.

Target Audience: D, A, O (Lab technicians)  AGD:  Academy of General Dentistry Codes:

Course Objectives: 1. Know when a removable implant solution is indicated versus fixed 2. Be confident with the protocol for single attachments 3. Understand the indication and protocol differences for bar versus single attachment overdentures 4. Be able to treatment plan maxillary and mandibular overdentures, and know the different considerations for each arch

Implant Restorative 101

Faculty: Wendy Clark, DDS, MS  Time: 1-3 hrs

Implants have become a key part of our day to day dentistry. Having the dental team understand the process can help streamline your practice and improve patient acceptance. This course will briefly review basic surgical concepts, but will focus on all aspects of implant restorative dentistry. It is intended for dentists and their teams (front and back office, as well as clinical). In addition to the clinical aspect, part terminology and CDT coding will be reviewed.

Target Audience: D, A, O (Lab Technicians)  AGD:  Academy of General Dentistry Codes:
Course Objectives: Implants have become a key part of our day to day dentistry. Having the dental team understand the process can help streamline your practice and improve patient acceptance. This course will briefly review basic surgical concepts, but will focus on all aspects of implant restorative dentistry. It is intended for dentists and their teams (front and back office, as well as clinical). In addition to the clinical aspect, part terminology and CDT coding will be reviewed.

InciDental Tourism

Faculty: Lynn Smith, CDA, BS

Time: 2 hrs

Dental/Medical Tourism involves traveling to other countries to obtain medical, dental, or surgical care. Why is this so popular now? It is a combination of various factors, such as exorbitant costs of health care in industrialized nations, increased ease and affordability of international travel, favorable currency exchange rates in the global economy, rapidly improving medical technology and standards of care in many countries, as well as the Internet, have led to the recent increase in its popularity.

Target Audience: D, H, A

AGD: 550, 557

Academy of General Dentistry Codes: Practice Management and Human Relations, Practice Management - Patient Education/Motivation

Course Objectives: 1. Participants to become familiar with the discussed topic. 2. Provide participants with information on foreign dental training and popular areas for dental tourism. 3. Discuss OSAP’s philosophy of dental tourism.

Infant and Toddler Oral Health Intervention (IDCI)

Faculty: Rocio Quinonez, DMD, MS, MPH

Time: 1-2 hrs

The American Academy of Pediatric Dentistry recommends that the first dental visit occur in the first year of life. With nearly 20 million children under age 5 years and 5000 pediatric dentists, this policy underscores the importance of expanding the safety-net for young children’s oral health to include general dentists and their team. This session provides an overview of the current state of oral health for infants and toddlers and will provide principles on delivering preventive oral health services in clinical practice.
Target Audience: D, H, A 
AGD: 430

Academy of General Dentistry Codes: Pediatric Dentistry

Course Objectives: 1. To provide the rationale for a preventive dental assessment for infants and toddlers. 2. To review recent policy changes associated with infant and toddler oral health and the role of primary health care providers. 3. Discuss the fundamental components of an infant oral health program including, interviewing skills, educational messages for the caregiver and principles of an infant/toddler oral health examination.

Infant Oral Health: Prevention and Diagnosis of Tooth Problems

Faculty: Tim Wright, DDS, MS 
Time: 1-3 hrs

Dental caries in infants and children has reached proportions constituting a national epidemic. Approaches for managing dental caries in the 1 to 5 year old population requires that health care providers from different disciplines participate in interventions directed at preventing and treating early childhood caries. This course will review the domains critical to providing oral health care to the 1-5 year old pediatric population and how team building can between health care providers can be brought to bear in addressing this national health care issue. Critical domains including caries prevention, trauma, access to care, infant oral evaluation and prevention approaches will be reviewed. Additionally, conditions that frequently present first in the 1-5 age group will be review such as missing and defective tooth formation, fluorosis, and premature tooth exfoliation.

Target Audience: D, H, O (pediatricians) 
AGD: 430

Academy of General Dentistry Codes: Pediatric Dentistry

Course Objectives: Completion of this course will provide the participant with the knowledge necessary to evaluate the risk of an infant to develop dental caries, how to develop an effective and safe treatment approach and identification of pathological and developmental oral conditions in the 1-5 year old population.
Intraoral Functions: Clinical Tips and Techniques

Faculty: Lynn Smith, CDA, BS  Time: 1-6 hrs

This course is designed for office trained dental assistants. It provides theoretical background and practical clinical applications for performing basic intraoral functions which are allowed under the North Carolina Dental Practice Act. Topics include application and removal of dental dam, application of bases, bonding agents and desensitizing agents, placement and removal of matrices, placement and removal of temporary restorations, application of pit and fissure sealants, fabrication and temporary cementation of provisional crowns and bridges, taking preliminary impressions for study models, opposing casts and bleaching trays and placement of gingival retraction cord.

Target Audience: A  AGD: 250

Academy of General Dentistry Codes: Operative (Restorative) Dentistry

Course Objectives: 1. Define the terminology related to cavity preparation for restorative procedures. 2. Explain the theoretical basis for and the criteria for evaluating selected intraoral functions that may be delegated to the DA II in North Carolina. 3. Discuss the legal and ethical considerations associated with the role and responsibilities of the chairside assistant in performing the selected advanced functions.

Introduction to Dental Sleep Medicine: The Role of the Dentist in the Management of Snoring and Obstructive Sleep Apnea

Faculty: Massimiliano Di Giosia, DDS  Time: 4-6 hrs

This a comprehensive introductory course to dental sleep medicine for dentists and physicians interested in the management of snoring and obstructive sleep apnea. The course will address: normal sleep physiology, classification of sleep disorders and pathophysiology of sleep related breathing disorders (snoring and Obstructive Sleep Apnea), different treatment modalities, clinical examination, side effects of oral appliance therapy, selection and delivery of different oral appliances. Program: • overview of sleep medicine. • physiology of sleep. classification of sleep disorders. • sleep related breathing disorders (SRBD) • snoring and obstructive sleep apnea: • pathophysiology, diagnosis and treatment options: positional therapy, cpap, surgery, oral appliances • oral appliances therapy: • mechanisms of action. • types of appliances. • indication, contraindications and side effects. • treatment protocol: clinical exam, bite registration, selection and delivery of the appliance.
Target Audience: D, O (Physicians)  

Academy of General Dentistry Codes:  

Course Objectives: Understand basic physiology of sleep  
Understand Sleep Related Breathing Disorders (SRBD). Understand how to screen for snoring and obstructive sleep apnea  
Understand the different treatment options for SRBD  
Understand how to perform a clinical exam in patients candidate for OA therapy, how to screen for potential TMD problems and how to manage the most common side effects.

Introduction to Forensic Science, Medicine, and Odontology Program  

Faculty: Allen Samuelson, DDS  
Time: 2 hrs  

Provides an introduction to the above topics along with actual cases utilizing Forensic science and odontology in human identification.

Target Audience: D, H, A  

Academy of General Dentistry Codes: Electives, Electives - Forensic Dentistry  

Course Objectives:  
1. Be familiar with definitions pertinent to Forensics  
2. Become familiar with the history of forensic science and medicine  
3. Understand the basic structure of the Office of Medical Examiner: General statutes/procedures  
4. Become familiar with the autopsy  
5. Understand Legal issues (forms etc.) relevant to Forensics  
6. Become familiar with forensic odontology  
7. Become familiar with procedures at the University of North Carolina  
8. Cases  
9. Be familiar with bite Mark Analysis

Introduction to Forensics  

Faculty: Allen Samuelson, DDS  
Time: 1 hr  

This course provides a basic introduction to forensic science, medicine, and forensic odontology.

Target Audience: D, H, A  
AGD: 130, 145
Academy of General Dentistry Codes: Electives, Electives - Forensic Dentistry


Local Anesthesia Update

Faculty: Glenn Reside, DMD
Raymond White, DDS, Ph.D
Time: 1-2 hrs

Recent advances in pharmacology have led to clinicians having multiple choices and options for administering local anesthetics. Currently clinicians must have an anesthesia plan often more complicated than the procedure plan. This seminar will focus on advances in local anesthesia and their applications and offer the opportunity for discussion among participating clinicians. Outline Neurophysiology of Local Anesthetic Action Anatomic Peripheral Nerve Components Propagation of a Noxious Impulse (Pain from dental pulp/periosteum) Local Anesthetic Options Drug formulations with Epinephrine (Epi), pH, and Buffering Effectiveness of Local Anesthetics with Local Inflammation Local Anesthetic Dosage and Nerve Cell Toxicity

Target Audience: D, H, A

Academy of General Dentistry Codes:

Course Objectives: Explain to patients how local anesthetics block sensory nerve impulses Compare pharmacologic properties of currently available drugs Discuss advantages of buffering local anesthetics

Malignancy and the Mouth: Causes and Cures

Faculty: Valerie Murrah, DMD, MS
Time: 3 hrs

Learn about the multiple types of malignant lesions that occur in the mouth and discuss the parameters affecting their diagnoses, as well as what is known concerning their etiology and prevention. Recent research addressing these malignancies will be presented. New types of treatment including gene therapy will be discussed.
### Target Audience: D, H, A  AGD: 730

**Academy of General Dentistry Codes:** Oral Medicine, Oral Diagnosis, Oral Pathology

**Course Objectives:**

1. Management of Common Medical Emergencies that Occur In a Dental Clinic

**Faculty:** Glenn Reside, DMD  
**Time:** 1.5 hrs

Interactive presentation on how to properly manage common medical emergencies that occur in a dental clinic

**Target Audience:** D, H, A

**Academy of General Dentistry Codes:**

**Course Objectives:** 1. How to recognize medical emergencies that commonly occur in a dental clinic  
2. How to prevent medical emergencies that commonly occur in a dental clinic  
3. How to treat medical emergencies that commonly occur in a dental clinic

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### Target Audience: D, H, A  AGD: 430

**Academy of General Dentistry Codes:** Pediatric Dentistry

**Course Objectives:** 1. Diagnosis of crowding in the mixed dentition  
2. Treatment considerations of crowding  
3. Review of space maintenance, space management and space regaining.

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### Target Audience: D, H, A  AGD: 730

**Academy of General Dentistry Codes:** Oral Medicine, Oral Diagnosis, Oral Pathology

**Course Objectives:**

1. Management of Crowding in the Mixed Dentition

**Faculty:** Lorne Koroluk, DMD, MSD, MS, FRCD(C)  
**Time:** 1-2 hrs

Dental crowding is very common in the mixed dentition and the primary reason most parents seek orthodontic treatment for their children. This course will review the diagnosis of crowding and identify possible treatment strategies based on the severity of the crowding. The effects of future growth of the dental arches on crowding will also be discussed. The course will cover space maintenance, space regaining and space management in the mixed dentition. Indications, contra-indications and the sequence for serial extractions will also be reviewed.

**Target Audience:** D, H, A

**Academy of General Dentistry Codes:** Pediatric Dentistry

**Course Objectives:** 1. Diagnosis of crowding in the mixed dentition 2. Treatment considerations of crowding 3. Review of space maintenance, space management and space regaining.
Management of Medically Compromised and Geriatric Patients for Dental Implant Placement

Faculty: Luiz Pimenta, DDS, MS, PhD  Time: 1-2 hrs

Dental professionals are confronted with an increasing number of medically compromised patients who require implant surgery for their oral rehabilitation. However, there are few guidelines on dental implant therapy in these patients, so that numerous issues regarding pre- and post-operative management remain unclear to the dental clinician. The aim of this presentation is to discuss the most common medical problems associated with implant placement and to provide the clinician with scientifically based data for implant therapy in the medically compromised patient. This lecture will present the current knowledge regarding the influence of the most common systemic and local diseases on the outcome of dental implant therapy, such as diabetes mellitus, metabolic bone disease, tobacco users, bleeding disorders, chronic steroid therapy and ectodermal dysplasias. Specific pathophysiologic aspects as well as their potential implications for implant success will be discussed. In line with these implications, guidelines for pre- and post-operative management that may assist in the successful implant-supported rehabilitation of these patients are proposed.

Target Audience: D, H, A  AGD:

Academy of General Dentistry Codes:

Course Objectives: 1. Identify the most common medical problems associated with implant placement 2. Present the current knowledge regarding the influence of the most common systemic and local diseases on the outcome of dental implant therapy 3. Present guidelines for pre- and post-operative management that may assist in the successful implant-supported rehabilitation of medically compromised patients.

Management of Surgical Complications During Implant Therapy

Faculty: Glenn Reside, DMD  Time: 1 hr

Orient implant surgeons to the possible complications encountered during implant surgery and inform them of the proper management of the complications.

Target Audience: D, H, A  AGD: 310
Academy of General Dentistry Codes: Oral and Maxillofacial Surgery

Course Objectives: 1. Understand possible complications during implant surgery 2. Understand how to avoid complications during implant surgery 3. Understand how to manage complications during implant surgery

Management of the Mutilated Dentition: Etiology and Patient Treatment.

Faculty: Ibrahim Duqum, BDS, MS

Mutilated or worn dentition is a common problem in dentistry. The diagnosis and management of these patients requires a clear understanding of the causes of worn dentition, their clinical presentation and associated clinical symptoms. This course will discuss in detail all aspects of the diagnosis, treatment planning and comprehensive treatment of such patients with emphasis on occlusal design, restorative materials and long term maintenance. The course will present multiple clinical situations to show the evolution of the treatment of worn dentition and highlight the contemporary treatment concepts.

Target Audience: D, H, A, O (Lab Techs)

Academy of General Dentistry Codes:

Course Objectives: • To understand the etiology of wear of the natural and artificial dentition • To understand the importance of posterior support in preventing wear • To understand how wear can affect vertical dimension • Overview of contemporary materials and occlusal design to treat moderate to advanced tooth wear

Managing Medically Complex Dental Patients

Faculty: Lauren Patton, DDS

This course equips you with updated information needed to more confidently manage medically complex patients in your practice. Risks of infection, bleeding, drug actions/interactions and stress will be discussed for commonly encountered medical conditions. Updated national guidelines relevant to dentistry will be reviewed. Practical experience and an evidence-based emphasis will be applied to management recommendations.

Target Audience: D, H, A

AGD: 750, 754
Managing Soft Tissue Contours with Implant Provisional Restorations

**Faculty:** Ryan Cook, DDS, MS  
**Time:** 1-2 hrs

An important tool in implant communication is the fabrication of implant provisional restorations. Provisional restorations assist in achieving ideal soft tissue contours and communicate minute details of the final restoration to the laboratory technician and patient. This course will discuss and demonstrate different provisionalization and final impression techniques in an organized fashion that allows for easy assimilation into your practice.

**Target Audience:** D, H, A  
**AGD:**

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Medical Emergencies in the Dental Office

**Faculty:** Allen Samuelson, DDS  
**Time:** 2-3 hrs

An overview of common medical emergencies that occur in a dental setting: focusing on etiology, prevention and management.

**Target Audience:** D, H, A, O (office staff)  
**AGD:** 130, 142

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Academy of General Dentistry Codes: Special Patient Care, Special Patient Care - Dentistry for the Medically Compromised

**Course Objectives:** 1. To discuss 4 considerations for safe dental care. 2. To enhance dentist-physician communication, particularly in the area of management of patients taking anticoagulants and platelet inhibitors. 3. To review new evidence based-guidelines.

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Managing Soft Tissue Contours with Implant Provisional Restorations

**Faculty:** Ryan Cook, DDS, MS  
**Time:** 1-2 hrs

An important tool in implant communication is the fabrication of implant provisional restorations. Provisional restorations assist in achieving ideal soft tissue contours and communicate minute details of the final restoration to the laboratory technician and patient. This course will discuss and demonstrate different provisionalization and final impression techniques in an organized fashion that allows for easy assimilation into your practice.

**Target Audience:** D, H, A  
**AGD:**

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Medical Emergencies in the Dental Office

**Faculty:** Allen Samuelson, DDS  
**Time:** 2-3 hrs

An overview of common medical emergencies that occur in a dental setting: focusing on etiology, prevention and management.

**Target Audience:** D, H, A, O (office staff)  
**AGD:** 130, 142

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Academy of General Dentistry Codes: Electives, Electives - Medical Emergency Training and CPR
Course Objectives: 1. Understand that with prevention involving patient evaluation and proper treatment planning most emergencies can be avoided. 2. Be familiar with techniques of history taking and sources for the history. 3. Understand basic management strategies for handling medical emergencies.

Meth Mouth

Faculty: Valerie Murrah, DMD, MS
Time: 1.5 hrs

Meth Mouth - Methamphetamine is a cheap, easy to make drug with a high that lasts longer than crack cocaine. Its use is on the rise in the U.S. Methamphetamine is a central nervous system stimulant that can cause brain damage. The oral effects are devastating. Dr. Murrah will discuss the systemic and oral effects of the drug and will address the role of the dental health care team in treating the condition and educating the affected patient.

***Please note that this course is to be combined with "Warty Lesions of the Oral Cavity - Sexually Transmitted or Masqueraders?"***

Target Audience: D, H, A
AGD: 010, 016

Academy of General Dentistry Codes: Basic Science, Basic Science – Pharmacotherapeutics

Course Objectives: Meth Mouth - 1) To provide participants with an overview of the power of the addiction of this drug. 2) To familiarize participants with both the oral and systemic pathologic processes caused by this drug. 3) To recommend strategies for managing patients with this condition in the dental office.

Nightguard Vital Bleaching: Its Technique, Effectiveness, Longevity, and Side-Effects

Faculty: Gustavo Oliveira, DDS, MS
Time: 1-2 hrs

Nightguard vital bleaching (NGVB) has been accepted by both the dental practitioner and patient as being a safe and effective way to whiten teeth. Variations of the nightguard vital bleaching technique include extending treatment time, selectively treating teeth, and the use of different whitening concentrations. All of these methods can improve the result one obtains when whitening teeth. Other methods such as lasers and the use of photoactive whitening solutions have been advocated to "Jump-Start" the whitening process as well. This course will discuss the rational and effectiveness of NGVB when used alone or in combination with lasers or photoactive whitening solutions. In addition, the longevity and side effects of the technique will be discussed as well as how to predictably and
**Target Audience:** D, H, A  
**AGD:** 780

**Academy of General Dentistry Codes:** Esthetics - Cosmetic Dentistry

**Course Objectives:**
1. Explain the rationale for using the Nightguard Vital Bleaching Technique to interested patients
2. Explain to patients the effectiveness, longevity, and side-effects of the bleaching technique
3. Become familiar with the materials used in Nightguard Vital Bleaching, the mechanism of action, and chemical breakdown of the bleaching solution
4. Summarize the technique in fabricating and delivering a well-made bleaching guard

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**Non-carious Cervical Lesions: The Science that Matters to Your Practice**

**Faculty:** Gustavo Oliveira, DDS, MS  
**Time:** 1-2 hrs

This presentation will provide a provocative and controversial look at the area of non-carious cervical lesions, concentrating on the concept of abfractions. Studies have shown that teeth experience flexural deformation during parafunction. This presentation will critically examine the effects of tooth flexural biodynamics as well as other contributing co-variables in the complex etiology of non-carious cervical lesions. The audience will also learn how to manage non-carious cervical lesions through objective criteria and clinical pearls. Do abfractions really exist? You decide.

**Target Audience:** D, H, A  
**AGD:**

**Academy of General Dentistry Codes:**

**Course Objectives:**
1. Identify the various etiologic factors and their influence in the etiology of non-carious cervical lesions.
2. Will describe the various biomechanical phenomena and pre-disposing factors that support the role of tooth flexure in the development of these lesions.
3. Present the science that matters: findings of related research from in-vitro, clinical and epidemiological studies with regard to the etiology of these lesions.
4. Discuss the current restorative options for non-carious cervical lesions, their advantages and disadvantages, as well as indications and contra-indications.
Non-Invasive Therapies for Altered Sensation

Faculty: Ceib Phillips, MPH, PhD  
Time: 1 hr

The potential for injury to sensory nerves in the orofacial region during dental and oral and maxillofacial procedures is of particular concern due to the proximity of the nerves to the surgical sites. More than a million people in the U.S. are thought to suffer from such iatrogenic, surgically-associated injuries to the trigeminal nerve. Numbness or other altered sensations of the face or lips generally resolve reasonably quickly but the presence of these sensations can negatively impact a patient’s perception of recovery. Recently, we have shown that simple facial exercises the patient can do at home/work can improve patients’ accommodation to these sensations and also reduce what the patient may perceive as the negative impact of these sensations on daily life activities. And we have preliminary evidence that vitamin B12 may be helpful in accelerating nerve recovery.

Target Audience: D, H, A, O (Laboratory Technicians)  
AGD: 310

Academy of General Dentistry Codes: Oral and Maxillofacial Surgery

Course Objectives: 1. Describe the effect of demographic, clinical, and psychological factors on patient-reported pattern of recovery 2. Learn the sequence of facial exercises used in the Sensory Retraining Trial 3. Describe the difference between accommodation and nerve recovery

Nutritional Health for our Patients: Walking through the Lifecycle

Faculty: Lattice Sams, BSDH, MS  
Time: 1-3 hrs

The course is designed to review current dietary recommendations for Americans in relation to oral health and discuss the implications of specific foods and nutrients on oral health. We will review and discuss dietary considerations for each stage of the life cycle including: prenatal, infant, toddler, teenager, adult, and senior. Lastly, this course will discuss the importance of speaking to our patients about their nutritional health and review the resources that are available to help the dental team achieve this goal.

Target Audience: D, H, A  
AGD:

Academy of General Dentistry Codes:
Course Objectives: 1. Discuss the core nutritional concepts for a healthy diet 2. Discuss basic diet and nutrition guidelines to use in the diet education of patients (Dietary Guidelines for Americans 2015-2020) 3. Describe the differences in nutrient needs throughout the lifecycle 4. Discuss appropriate strategies for helping motivate clients to improve dietary behaviors 5. Describe how diet screening and guidance can be integrated into dental practice

Oral Anatomy Review

Faculty: Mark Kutcher, DDS, MS  Time: 1-2 hrs

All the hard-to-see, variable, and confusing structures in the mouth are discussed, such as functions, pre-malignant potential, common conditions affecting them, and related anatomy. Slides and handouts accompany discussion.

Target Audience: D, H, A  AGD: 730

Academy of General Dentistry Codes: Oral Medicine, Oral Diagnosis, Oral Pathology

Course Objectives: 1. To do a thorough review and discuss the various structures in the oral cavity that may be confusing 2. Understand their significance and management if necessary.

Oral Cancer Screening and Common Lesions Found in Young Adults: Pearls for the Primary Care Provider—Current Strategies

Faculty: Christine Downey, DDS, MS  Time: 1 hr

This course is designed to educate the practicing medical professional on current recommendations on oral cancer screenings as well as common oral lesions found in young adults. Specific content to be addressed is: oral cancer screening, identification and referral of common oral lesions, and treatment of common oral lesions found in young adults.

Target Audience: D, O (Nurses (RN, LPN, NP) Nurses' Aides, Physicians)  AGD:

Academy of General Dentistry Codes:
Course Objectives: At the completion of this course, the participant will be able to: 1. Feel comfortable with completing an oral cancer screening 2. Be able to identify unusual pathology and know when referral is needed 3. Feel comfortable treating some common intraoral lesions

### Oral Cancer Screening and Tobacco Cessation for the Dental Practice

<table>
<thead>
<tr>
<th>Faculty:</th>
<th>Wendy Clark, DDS, MS</th>
<th>Time: 1-3 hrs</th>
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This course is intended for dentists and team members. It will cover when and how to do an oral cancer screening...and what to do if you find something. Also covered will be the clinician’s role in tobacco use cessation, including prescription use and counseling.

**Target Audience:** D, H, A  
**AGD:**

**Academy of General Dentistry Codes:**

| Course Objectives: 1. Be confident why, when, and how to do an oral cancer screening 2. Know how to support patients who wish to quit smoking 3. Understand the dental practitioner’s role in tobacco use cessation |

### Oral Fungal Infections

<table>
<thead>
<tr>
<th>Faculty:</th>
<th>Mark Kutcher, DDS, MS</th>
<th>Time: 1-2 hrs</th>
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</thead>
</table>

Fungal infections of the mouth are more common than once thought. Case presentations will be used to illustrate the various forms of oral fungal infections and their "in-office" treatment.

**Target Audience:** D, H, A, O (pharmacists, physicians)  
**AGD:** 730

**Academy of General Dentistry Codes:** Oral Medicine, Oral Diagnosis, Oral Pathology

**Course Objectives:** 1. Know the etiologies of oral fungal infections. 2. Recognize the various clinical manifestations of oral fungal infections. 3. Be able to manage fungal infections in your office.
Oral Health Care for the Geriatric Patient

Faculty: Christine Downey, DDS, MS  Time: 1-2 hrs

This course is designed to educate nurses, nurses’ aides, and other medical professionals regarding the management of oral conditions commonly seen in the older adult. Specific content to be addressed is: the relationship of oral health and systemic health, common oral conditions, and care strategies for the older adult.

Target Audience: O (Nurses RN, LPN, NP, Nurses' Aides)  AGD: 752, 149

Academy of General Dentistry Codes: Special Patient Care - Geriatric Dentistry, Electives - Multi-Disciplinary Topics

Course Objectives: At the completion of this course, the participant will be able to: 1. Assess the oral health of the older adult 2. Discuss oral health strategies for caring for the older adult 3. Describe common oral conditions seen in an older adult population 4. Identify appropriate cases for referral to a dental professional

Oral Health Care: Infancy to Adolescence

Faculty: Tim Wright, DDS, MS  Time: 3-6 hrs

Oral Health needs changes dramatically throughout the course of an individual’s life. Consequently, oral health care providers must be aware of the dynamic changes associated with disease and health in patients spanning the age continuum. Recent evidence suggests that oral health care intervention prior to age 3 years could enhance oral health and reduce the likelihood of costly future dental treatment. The infant and young child patient present unique challenges in both assessing their oral health care needs and in developing an optimal prevention program. The use of caries prevention modalities such as fluorides, oral hygiene, sealants, and dietary recommendations should change in relation to the unique oral health needs of the growing patient. When necessary, the application of restorative dentistry also is markedly different in these age diverse populations. The types of restorative treatments and approaches to behavior management change markedly based on the patients age, type of teeth and disease requiring treatment and the patient’s ability to cooperate. This course will provide the participant with information regarding the selective application of preventative and restorative oral health care based on the patient’s age. The goal of this course is to familiarize the participant with concepts helpful in developing an age appropriate and optimal oral health plan for patients from birth through adolescence.
<table>
<thead>
<tr>
<th>Course Title</th>
<th>Faculty</th>
<th>Time</th>
<th>AGD</th>
<th>AGD Codes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oral Health of the HIV Positive Patient</td>
<td>Lauren Patton, DDS</td>
<td>1 hr</td>
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<tr>
<td>This course provides a practical overview of dental management of the HIV infected patient including a variety of images of oral lesions that are helpful in training the dental team members to recognize oral manifestations of HIV and to provide appropriate treatment for these conditions in the dental office.</td>
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<tr>
<td>Target Audience: D, H, A</td>
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<tr>
<td>Academy of General Dentistry Codes:</td>
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<tr>
<td>Course Objectives: 1. To understand aspects of the medical history and laboratory tests that impact dental management of the patient with HIV. 2. To be able to recognize and initiate management for HIV related oral diseases.</td>
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| Oral Lichen Planus: Diagnosis, Treatment and Current Research Findings       | Valerie Murrah, DMD, MS   | 1-3 hrs    |           | Oral Medicine, Oral Diagnosis, Oral Pathology                             |
| Criteria for the specific diagnosis of oral lichen planus will be highlighted in this presentation. The clinician will be provided with an overview of other clinical conditions, which mimic lichen planus, but require different management. Clinical management and follow-up recommendations for patients with lichen planus and lichenoid conditions will be discussed in detail. Lichen planus and oral cancer associations will also be explored in detail. |
| Target Audience: D, H                                                        |                           |            |           |                                                                            |
### Course Objectives:

<table>
<thead>
<tr>
<th>Faculty:</th>
<th>Christine Downey, DDS, MS</th>
<th>Time: 1-2 hrs</th>
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</table>

This course is designed to educate the practicing dentist and dental hygienist regarding the dental management of patients undergoing cancer treatment. Specific content to be addressed includes: management of oral side effects from cancer treatment, bisphosphonates and cancer therapy (risk of MRONJ), oral cancer screening, and current recommendations.

### Target Audience: D, H

### AGD:

### Academy of General Dentistry Codes:

### Pearls for Treating Cancer Patients in Your Dental Office

<table>
<thead>
<tr>
<th>Faculty:</th>
<th>Valerie Murrah, DMD, MS</th>
<th>Time: 3 hrs</th>
</tr>
</thead>
</table>

Discover the latest OSHA requirements concerning bloodborne pathogens and exposure control. You will also learn the details of the latest Center for Disease Control (CDC) guidelines for dentistry, barriers, epidemiology, and principles of sterilization. OSHA’s annual training requirements will be satisfied except for office specifics.

### Target Audience: D, H, A

### AGD:

### Academy of General Dentistry Codes:

#### OSHA: An Annual Update

<table>
<thead>
<tr>
<th>Faculty:</th>
<th>Valerie Murrah, DMD, MS</th>
<th>Time: 3 hrs</th>
</tr>
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Discover the latest OSHA requirements concerning bloodborne pathogens and exposure control. You will also learn the details of the latest Center for Disease Control (CDC) guidelines for dentistry, barriers, epidemiology, and principles of sterilization. OSHA’s annual training requirements will be satisfied except for office specifics.

### Target Audience: D, H, A

### AGD:

### Academy of General Dentistry Codes:

#### Course Objectives:

1. Review and discuss the latest OSHA regulations as they pertain to dentistry with an emphasis on bloodborne pathogens.
2. Discuss the epidemiology and current CDC recommendations for prevention and transmission of HIV, HBV, HCV, TB, and other pathogens associated with clinical dentistry.
3. Review requirements for an effective needle stick/sharp exposure policy and post-exposure protocol.
Course Objectives: At the completion of this course, the participant will be able to: 1. To be able to have a conversation with patient’s oncologist to determine when is safe time to render dental treatment. 2. To be able to manage the oral side effects of chemotherapy and radiation. 3. To be able to treatment plan and provide dental clearance for patients undergoing Head and Neck Cancer Treatment.

Persistent Pain Following Dental Treatment

Faculty: Pei Feng Lim, BDS, MS
Time: 2 hrs

Dental pain can be difficult to diagnose and sometimes persists following treatment. This presentation addresses persistent post procedural dental pain, including the diagnosis and management of such pain.

Target Audience: D, H, A
AGD: 690

Academy of General Dentistry Codes:

Course Objectives: 1) To list the differential diagnosis of non-odontogenic pain 2) To describe the importance of history taking in the process of diagnosing chronic pain 3) To discuss different management strategies for persistent dentolalveolar pain.

Planning for Dental Implant Surgery

Faculty: Glenn Reside, DMD
Time: 1 hr

A discussion of the contraindications and/or limitations to implant surgery, the preoperative oral and radiographic examination; and the preoperative consultation process with the patient.

Target Audience: D, H, A
AGD: 690

Academy of General Dentistry Codes: Implants

Course Objectives: 1. Increase dental implant success rate 2. Increase dental patient satisfaction rate with implant therapy
Porcelain Veneers

Faculty: Taiseer Sulaiman, BDS, PhD  Time: 1 hr

Learn the technique for placement of porcelain veneers. Tooth preparation, impressions, try-in, cementation, finishing and polishing, as well as comments on the laboratory technique and available products are discussed.

Target Audience: D, A  AGD: 250

Academy of General Dentistry Codes: Operative (Restorative) Dentistry

Course Objectives: Following attendance to this course, the participant should: 1. Understand the importance of intra-enamel preparation. 2. Know the basic principles of porcelain veneer bonding.

Posterior Composite Restorations

The purpose of this presentation is to provide an overview of the current status of posterior composite restorations, including a review of general treatment considerations and clinical technique.

Target Audience: D, A  AGD: 250

Academy of General Dentistry Codes: Operative (Restorative) Dentistry

Course Objectives: Following attendance to this course, the participant should: 1. Understand the indications and contraindications for posterior composites. 2. Know some techniques for improving results with posterior composites.

Preprosthetic Surgery

Faculty: Glenn Reside, DMD  Time: 1 hr

The program provides a review of basic preprosthetic surgery including tori removal, alveoplasty & tuberosity reduction.

Target Audience: D  AGD: 310

Academy of General Dentistry Codes: Oral and Maxillofacial Surgery
Course Objectives: 1. Improve your understanding of how to perform preprosthetic surgery  
2. Improve your understanding of how select the appropriate preprosthetic surgery for your patient  
3. Improve your understanding of when to refer patients for preprosthetic surgery

Primary Management of Cleft Lip/Palate: The Role of The General/Pediatric Dentist

<table>
<thead>
<tr>
<th>Faculty:</th>
<th>Luiz Pimenta, DDS, MS, PhD</th>
<th>Time: 1-2 hrs</th>
</tr>
</thead>
</table>

Multidisciplinary team care requires an understanding of the unique dental considerations and their relationship to speech, occlusion/orthodontics and facial aesthetics in this special group of patients. It will be presented and discussed an overview of team care and specifically the role of the General and Pediatric dentist in the timing and sequencing of treatment. Emphasis on the coordination with other specialties will address issues which require interactive management and appreciation for the goals of the planned treatment. The prosthetic treatment of patients with cleft palate and craniofacial conditions is an important part of the multidisciplinary approach to solving a variety of problems related to speech and appearance. A child born with cleft palate may undergo multiple surgeries to restore anatomy and regain muscle function; however, in some cases, even after surgical intervention to repair the cleft palate, speech and swallowing may not be completely restored. Some patients with cleft palate benefit from speech aid appliances made to obdurate a deficiency of the hard and/or soft palate. Other appliances address wide clefts of the hard palate, neuromuscular deficits, premaxillectomy and surgical failures. For those cases removable palatal prostheses such as full over-dentures with velar extension, removable partial prosthesis with velar extension (teeth or implant supported), palatal lift or stimulator appliances can be indicated for improvement of appearance and speech. It will be presented an overview and introduction to the anatomic and physiologic indications for appliances and the basic principles involved in prosthetic management. Different cases will be presented discussing alternative techniques which relate to prosthetic options.

Target Audience: D, H, A, O (Laboratory Technicians)  
AGD: 370, 430

Academy of General Dentistry Codes: Orthodontics, Pediatric Dentistry

Course Objectives: 1. Understand the unique dental considerations and the multidisciplinary relationship approach in this special group of patients.  
2. Understand the role of the General and Pediatric dentist in the timing and sequencing of treatment of patients with craniofacial anomalies.  
3. Learn about the anatomic and physiologic indications for appliances and the basic principles involved in prosthetic management.
The program provides a review regarding the surgical removal of impacted or broken down teeth.

Target Audience: D

Academy of General Dentistry Codes: Oral and Maxillofacial Surgery

Course Objectives: 1. Improve your understanding of how to perform complicated exodontia surgery 2. Improve your understanding of when to refer patients for complicated exodontia surgery

Principles of Medical Risk Assessment in Dentistry

Faculty: Lauren Patton, DDS

Time: 1 hr

This course will address concepts important in managing medically complex patients including an overview of appropriate risk assessment, discussion of oral/facial/dental signs of systemic disease, and treatment modifications and team communication approaches that are helpful in mitigating risk.

Target Audience: D, H, A

Academy of General Dentistry Codes:

Course Objectives: 1. To improve understanding of medical risk assessment concepts. 2. To learn about the patient safety initiative of TeamSTEPPS.
### Problem Solving Complete Denture Complications

**Faculty:** Ryan Cook, DDS, MS  
**Time:** 1-2 hrs

Post delivery complete denture complications can be frustrating for the patient and provider. This presentation provides a comprehensive overview of complete denture complications and the solutions to those complications.

**Target Audience:** D, H, A  
**AGD:**

**Academy of General Dentistry Codes:**

**Course Objectives:** 1. To improve understanding of medical risk assessment concepts. 2. To learn about the patient safety initiative of TeamSTEPPS.

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### Provisional Restorations in Prosthodontic Therapy

**Faculty:** Ibrahim Duqum, BDS, MS  
**Time:** 2-3 hrs

The provisional restorations are an integral part of fixed, removable and implant prosthodontics. They can be the key to success in planning and treatment of simple and complex patients with dental prosthetic needs. This course will discuss in case based format the importance of provisional restoration in dental and implant prosthodontic therapy with a focus on the different techniques and materials for provisional fabrication. Furthermore, the functions of the provisional prosthesis will be discussed in details supported my multiple clinical examples.

**Target Audience:** D, H, A, O (Dental Technicians)  
**AGD:** 610, 612, 613
Course Objectives: To understand: 1. The importance of Provisional restoration in the success of Fixed, removable and implant prosthodontic therapy. 2. The different methods and materials for provisional restoration fabrication. 3. The various Functions of provisional restoration and their role in ensuring prosthetic success and soft tissue management.

Restorative Management of Pediatric Patients: Current Concepts and Future Directions

Faculty: Tim Wright, DDS, MS  Time: 1-3 hrs

Pediatric dental patients present diverse and challenging treatment needs due to their unique dental and behavioral developmental stages. In this course, the most common treatment needs of children are reviewed and the most popular treatment modalities presented. Decision-making and treatment planning for when, how, and with what materials to manage the restorative needs of the pediatric patient will be presented. Restorative management using the latest in esthetic primary crowns and resins will be presented in addition to more conventional restorative approaches. The goal of this course is to prepare clinicians to manage the restorative treatment needs of children presenting with minimal restorative needs to those requiring full mouth rehabilitation.

Target Audience: D, H, A  AGD: 430

Academy of General Dentistry Codes: Pediatric Dentistry

Course Objectives: The objective of this course is to present the current scientific evidence on the success of different restorative approaches. Completion of this course will provide the knowledge to select optimal restorative procedures and materials for managing dental caries and developmental defects of teeth, while also considering esthetics, in the pediatric patient population.

Review of Clinical Intraoral Dental Pathology in Children

Faculty: Michael Roberts, DDS, MScD  Time: 1-2 hrs

A review of common and some not so common intraoral soft and hard tissue pathology seen in a pediatric dental population will be presented. The speaker will use clinical slides and radiographs to illustrate the various conditions and discuss their significance. The audience will have an opportunity to ask questions and interact with the speaker.
### Target Audience: D, H, A  
**AGD:** 430

**Academy of General Dentistry Codes:** Pediatric Dentistry

**Course Objectives:**  
1. Provide to the course participant a review of intraoral pediatric pathology.  
2. Provide the course participant treatment options associated with the discussed conditions.

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### Risk Issues Regarding Oral Cancer

**Faculty:** Valerie Murrah, DMD, MS  
**Time:** 1.5 hrs

Failure to identify oral cancer is a charge that has been associated with some of the largest malpractice cases against dentists. This presentation will highlight risk issues in the dental office concerning oral cancer identification and will address strategies for reducing these risk issues.

**Target Audience:** D, H, A  
**AGD:** 730

**Academy of General Dentistry Codes:** Oral Medicine, Oral Diagnosis, Oral Pathology

**Course Objectives:**  
1. Describe the risks and consequences associated with failure to identify oral cancer  
2. Discuss how to reduce the risk of a malpractice suit  
3. Increase oral cancer awareness for the entire dental team.

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### Screw Retained VS Cement Retained Implant Restorations-What Do We Need to Know?

**Faculty:** Ibrahim Duqum, BDS, MS  
**Time:** 2-3 hrs

Dental Implant Restorations are a common practice in the dental office. A critical area that determines the overall success of dental implant therapy is the mechanism of prosthetic retention. This course will overview the advantages, limitation and indications for both screw and cement retained implant restorations and provide guidelines for prosthetic success with both retention mechanism. The course will provide an overview of the latest evidence and present multiple clinical examples highlighting success and complication management.

**Target Audience:** D, H, A, O (Lab Techs)  
**AGD:**
Academy of General Dentistry Codes:

Course Objectives: • Discuss features and consideration for cement and screw retained implant restorations • Highlight methods of reducing the risk of retained cement around dental implants • Discuss contemporary protocols for designing and fabricating screw and cement retained restorations

Sexually Transmitted Diseases in Dentistry

Faculty: Mark Kutcher, DDS, MS Time: 1-2 hrs

Common sexually transmitted diseases are discussed, highlighting the pathogenesis, signs and symptoms, treatment, and dental implications. The presentation is enhanced with the use of slides and handouts.

Target Audience: D, H, A

Academy of General Dentistry Codes: Oral Medicine, Oral Diagnosis, Oral Pathology

Course Objectives: 1. Appreciate the various sexually transmitted diseases that may present in your office. 2. Be able to recognize their clinical manifestations. 3. Understand management or referral concepts for these conditions.

Sharpening Curettes and Sickle Scalers

Faculty: Jennifer Brame, RDH, MS Time: 2 hrs

This program will enhance your ability and effectiveness when sharpening periodontal instruments. Emphasis is placed on the stationary instrument-moving stone technique. NOTE: Participants will need to bring a variety of dull universal curettes, area-specific curettes, and sickle scalers, as well as the sharpening stone utilized in their dental office for practicing instrument sharpening.

Target Audience: H, A

Academy of General Dentistry Codes: Periodontics

Course Objectives: 1. Accurately evaluate instrument sharpness. 2. Describe and demonstrate appropriate and effective instrument sharpening using the stationary instrument/moving stone technique. 3. Differentiate among the various stones and devices used to accomplish instrument sharpening
Site Considerations in Planning for Dental Implants

<table>
<thead>
<tr>
<th>Faculty: Jonathan Reside, DDS, MS</th>
<th>Time: 1-1.5 hrs</th>
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This course is designed to review the systemic, local, and esthetic risks associated with dental implant treatment. It will explore available clinical and radiographic assessments to help you succeed in planning for dental implant treatment. Finally, the use of the ITI Esthetic Risk Assessment will be discussed.

<table>
<thead>
<tr>
<th>Target Audience: D, H, A</th>
<th>AGD: 490, 690, 697</th>
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</table>

**Academy of General Dentistry Codes:** Periodontics, Implants, Implants - Diagnosis and Treatment Planning

**Course Objectives:**
1. Discuss the potential effects of local pathology on dental implant treatment.
2. Review osseous dimensions relevant in planning for dental implants and discuss their influence on the overlying soft tissues.
3. Review the effects of gingival biotype and esthetic factors in planning for dental implants.
4. Discuss esthetic risk assessment of implant candidates.

So You Think You Can Cure? Cutting Edge: Dental Light Curing

<table>
<thead>
<tr>
<th>Faculty: Taiseer Sulaiman, BDS, PhD</th>
<th>Time: 1-1.5 hrs</th>
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Discussing the properties of dental light curing systems and how to select the dental light curing systems based on knowledge and scientific facts.

<table>
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<tr>
<th>Target Audience: D, A</th>
<th>AGD:</th>
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**Academy of General Dentistry Codes:**

**Course Objectives:** To help the clinician and dental assistant understand the importance of photo polymerization, and selecting the proper light curing device.
**Social Media in the Healthcare Provider Office: Is it time to develop a Social Media Policy Program?**

**Faculty:** Lattice Sams, BSDH, MS  
**Time:** 1-2 hrs

This presentation will discuss social media’s impact on dentistry including the positive and negative effects of social media. Lastly we will discuss ways to develop and incorporate a social media policy for your practice.

**Target Audience:** D, H, A, O (Laboratory Technicians and Office Staff)  
**AGD:**

**Academy of General Dentistry Codes:**

**Course Objectives:** 1. Discuss the positive and negative aspects of social media and the implications 2. Discuss boundaries between providers and patients 3. List recommendations for protecting the dental practice or patient information related to social media use

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**Splint Therapy and Temporomandibular Disorders**

**Faculty:** Pei Feng Lim, BDS, MS  
**Time:** 2 hrs

This presentation addresses the role of occlusal splint therapy for the management of Temporomandibular Disorders. The construction of an occlusal splint is discussed, along with post delivery assessment.

**Target Audience:** D, H, A, O (Lab Technicians)  
**AGD:**

**Academy of General Dentistry Codes:**

**Course Objectives:** 1) recognize the signs and symptoms of Temporomandibular Disorders (TMD) 2) discuss the evidence of the role of occlusal splint therapy in the management of TMD 3) review the step-by-step process in the construction of an occlusal splint.