

Dr. Christopher Spencer

- Course Title: TMD and Orofacial Pain: Diagnosis and Management – Clarifying the Issues
- Description of course content:

The course will begin with a discussion of risk factors and epidemiology of TMD (musculoskeletal diagnosis of Orofacial Pain). The next step is a comprehensive examination of the masticatory system which is described. The diagnoses which will be described are myofascial pain, masticatory myalgia, degenerative joint disease of the TM joint, articular disc displacement of the TM joint, and sleep bruxism. The discussion then transitions to management of TMD which includes patient education (first and foremost) and self-management, physical therapy, pharmacological management, and oral appliances with pitfalls and patient specific approaches highlighted. I will present a case with documentation, diagnosis and management. I also have other related material to present. I have a presentation that explores the relationship between orofacial pain, sleep disordered breathing and sleep bruxism. We will see what time and participant interest allows. Then I will return in September to listen to the participants present their cases.

- Educational Objectives:
 1. Understand the definition of TMD and anatomy involved
 2. Understand the concept of risk assessment and management of TMD
 3. Understand that TMD is one category of Orofacial Pain
 4. Be able to apply the examination (physical exam) of the masticatory system (TM joint, muscles, and other structures)
 5. Apply the concepts of chronic vs. acute pain (implications in management)
 6. Be exposed to different splint designs for different applications
 7. Learn the basic management strategies for TMD
 8. Understand the necessity for the development of diagnosis specific treatment plans
 9. Enjoy the process of the weekend!
- 10. Course instructor qualifications and conflicts of interest: CV available upon request
No conflicts of interest
- 11. Hours awarded: 38 (P), AGD subject code: 180
Hours awarded: 2 (P), AGD subject code: 340

Dr. Timothy Hempton

- Course title: Periodontology: Current Concepts and Clinical Practice

A description of course content: The program will provide an evidence-based overview of current concepts and surgical and nonsurgical clinical procedures utilized for the retention of the natural dentition. The surgical topics will include a description of procedures for functional crown lengthening, aesthetic crown lengthening, resective pocket reduction, periodontal regenerative treatment, mucogingival therapy and techniques for exposure of ectopic teeth to facilitate orthodontic therapy.

The nonsurgical topics presented in this program will be reviewed in the context of periodontal disease as an infective process. Non-surgical topics will include an overview of the microbiology of periodontal disease, the classification system for diagnosis, mechanical non-surgical management of periodontal disease, and prudent utilization of adjunctive local and systemic antibiotic therapy.

A discussion regarding alveolar ridge preservation will also be included when the natural dentition is refractory to conventional periodontal therapy. Moreover, in contemporary dentistry, many patients are presenting with dentitions that include implants presenting with Peri-implant disease. The etiology and nonsurgical management of peri-implant mucositis and peri-implantitis will be reviewed.

Regarding documentation, the course will provide a session on clinical photography as well as a description on how to make clinical case presentations in March 2023 for the following topics.

- Nonsurgical management of periodontitis
- A gingival graft/augmentation procedure
- Posterior crown lengthening
- Aesthetic crown lengthening
- A regenerative case
- The educational objectives:
 1. Functional crown lengthening. The participant will learn: indications, contraindications, flap design, osseous management, suturing and postoperative management
 2. Aesthetic crown lengthening. The participant will learn: indications, contraindications, flap design, osseous management, suturing and postoperative management.
 3. Pocket reduction via resective therapy. The participant will learn: indications, contraindications, flap design, diagnosis of osseous defects, osseous resection, suturing and postoperative management.
 4. Periodontal regenerative treatment. The participant will learn: diagnosis through clinical findings and radiographic interpretation, flap design, methods of effective root debridement, regenerative materials i.e. bone grafts, barrier membranes, growth factors, suturing materials and techniques and postoperative management.
 5. Mucogingival therapy. The participant will learn: the etiology of mucogingival defects, procedures and predictability for increasing the zone of attached tissue, techniques and predictability for root coverage, and postoperative management.
 6. Periodontal procedures to facilitate orthodontic therapy. The participant will learn: how to identify the position of an impacted tooth via radiographic findings, flap design to facilitate location and placement of a bracket on an ectopic tooth, suturing, and postoperative management.
 7. Non-surgical management of periodontal disease. The participant will learn: the benefits of ultrasonic instrumentation, the microbiology of periodontal disease and its relationship

- to antibiotic usage, prudent utilization of antibiotic therapy, and evidence-based outcomes in clinical attachment gain with an adjunctive local and systemic antibiotic therapy.
8. Nonsurgical management Peri-implantitis. The participant will learn: etiologies for Periimplant disease, instrumentation for implant debridement, soft tissue management, and long-term maintenance.
 9. Clinical Photography and case documentation, the participant will learn: the basic aspects of dental clinical photography, how to make clinical case presentation, and selection of cameras, mirrors and retractors.
- Course instructor qualifications and conflicts of interest: Diplomate, American Board of Periodontology 1997, Proprietor Private Practice Limited to Periodontics and Implantology, Adjunct Associate Clinical Professor at Tufts University Department of Periodontology, CV available upon request
No conflicts of interest
 - Hours awarded: 30 (P), AGD subject code: 490

Dr. Judy McIntyre

- Course title: Dental Radiology: 2D and 3D Consideration in Endodontics
- A description of course content: An essential component of the diagnostic puzzle in endodontics is radiology. 2D radiographs have been helpful to aid in diagnosis and planning. However, teeth, like the human body, are 3 dimensional and limitations with 2D radiology exist. Ultimately, the use of 3D imaging/CBCT in endodontics is about avoiding surprises, assessing prognosis, and having the information to treatment plan most effectively. Studies have shown that endodontists change their treatment plan approximately 60% of the time when using 3D imaging vs. 2D imaging. Some examples of CBCT's use in endodontics are identifying significant splits/branches on canals that don't show on 2D; assessing the number, shape, and location of canals (commonly lower anteriors, premolars, and molars); locating and planning access to calcified/missed canals, angled/rotated teeth, crowned teeth or difficult anatomy; and more accurately measuring for location to a canal (depth, distance from other canals or structures, etc). Additionally, CBCT can help to minimize incomplete endos (CDT D3332) - entering and finding a crack/perforation. 3D imaging also provides another diagnostic modality for more challenging patients (gaggers, special needs, etc) and is a vehicle that can provide better patient communication - reviewing the scan with the asymptomatic patient.
- The educational objectives:
 1. Understand how CBCT is a useful adjunct in addition to 2D radiology
 2. Understand how to convey the importance of CBCT to patients
 3. Understand how to review and analyze limited field of view 3D scans for endodontic applications
 4. Understand how CBCT can help in the assessment of endodontic case complexity.
- Course instructor qualifications and any potential conflicts of interest: Private Practice Limited to Endodontics, Certificate 2006, CV available upon request
KaVo/Kerr - Key Opinion Educator
- Hours awarded: 30 (P), AGD subject code: 070
Hours awarded: 10 (P), AGD subject code: 010

Dr. Chris Baker

- Course title: Pediatric Dentistry & Orthodontics with a look at Craniofacial Orthopedics in the Growing Child – Love & Interception of Adversities & Adverse Directions
- Description of course content: The amazing areas in which you can help children: including bedwetting, behavioral disorders, lack of energy, fatigue, learning disorders, ADD/ADHD, sleep issues, childhood sleep apnea and airway difficulties, coping difficulties, wonky teeth, habits, adverse growth, beauty, impaired immune response and many others.
- Educational objectives:
 1. New ways to use skills that you already have, to grow your practice and serve your patients.
 2. Can you imagine having a real and great answer for the mom who says, “What should I do about his grinding?”
 3. Or, a real and great answer for, “What can I do about his bad breath? He’s been checked out - it’s not allergies, or GERD or anything like that.” And the answer can reduce the risk of decay!
 4. What questions to ask on your health history that truly help you help the child.
 5. What age to evaluate various signs and symptoms. When do they “matter”?
 6. What age to take a panoramic x-ray, and what to look for. There’s a LOT there.
 7. Why a habit creates lifetime challenges, and what those challenges are.
 8. What will the dentition’s reaction to a habit be, and how severe might it be. (Depends on the child’s growth direction.) How to figure that direction out.
 9. What the best approach is to an oral habit. Learn the best age and best appliances to treat.
 10. Diagnosis and treatment planning of feeding and frenum adversities.
 11. The magic of expansion and expanders. What can they do? (More than you imagine) What age is best? What design is best?
 12. Managing your practice around, and for, today’s child patients and parents. Some great strategies. Today's children--from toddlers to preteens--challenge their parents in ways that would have been unthinkable a few years ago; parents are often uncertain about how to cope, and you are managing an uncertain parent and a challenging child.
- Course instructor qualifications and any potential conflicts of interest: Postdoctoral training in Pediatric Dentistry and Orthodontics, CV available upon request
No conflicts of interest
- Hours awarded: 12 (P) and AGD subject code: 430
Hours awarded: 12 (P) and AGD subject code: 370
Hours awarded: 12 (P) and AGD subject code: 750
Hours awarded: 2 (P) and AGD subject code: 010
Hours awarded: 2 (P) and AGD subject code: 730