



COLLEGE OF DENTISTRY

Office of Continuing Dental Education

Annual End of Summer Meeting: Hot Topics at the Beach

September 6 -10, 2021

Destin, FL

8 am – 12pm

CE Courses for the Entire Dental Team! Hands-On Courses for Dentists, Hygienists & Assistants!

20 CE Credit Hours

Tuition Rates includes continental breakfast each morning Half week options for Hygienists and Assistants!

Tuition

Dentist:

\$449 (before 8/28/21)

\$524 (after 8/28/21)

Auxiliary:

Full Week \$350 (before 8/28/21)

\$415 (after 8/28/21)

Half Week \$210 (before 8/28/21)

\$250 (after 8/28/21)

Hotel Accommodations: Contact the Hilton Sandestin Beach Golf Resort and Spa at 1-(800) 367-1271 and ask for the discounted UT COD rate or go online at sandestinbeachhilton.com and use group code: UTD. Rates start at \$219/night.

The University of Tennessee Health Science Center College of Dentistry is an ADA CERP Recognized Provider. ADA CERP is a service of the American Dental Association to assist dental professionals in identifying quality providers of continuing dental education. ADA CERP does not approve or endorse individual courses or instructors, nor does it imply acceptance of credit hours by boards of dentistry.



The University of Tennessee designates this activity for up to 4 credit hours per day. A total of 20 hours may be earned depending on registration selections.

UTHSC COD – Annual End of Summer Meeting: Program Schedule

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| | Monday, September 6 | |
| <p>Dentists Only</p> <p>What is That and What Do I Do with It? Session 1</p> <p>Dr. James Christian and Dr. Sarah Aguirre</p> | | <p>Auxiliary</p> <p>Vaccines, Past & Present</p> <p>Dr. Lynn Russell</p> |
| | Tuesday, September 7 | |
| <p>Dentists Only</p> <p>What is That and What Do I Do with It? Session 1</p> <p>Dr. James Christian and Dr. Sarah Aguirre</p> | | <p>Auxiliary</p> <p>Dental Office Update</p> <p>Ms. Beth Mobilian, RDH, BA, MEd</p> |
| | Wednesday, September 8 | |
| | <p>All Registrants</p> <p>What's New in Operative Dentistry</p> <p>Jeffery S. Nordin, DDS, MS</p> | |
| | Thursday, September 9 | |
| <p>All Registrants</p> <p>Interceptive and Interdisciplinary Orthodontic Treatment: What You Wanted to Know but Were Afraid to Ask.</p> <p>Dr. Dayeh</p> | | <p>All Registrants</p> <p>Prosthodontic Tips for the Dental Office: Fixed: Crowns, FPD's and Attrition</p> <p>Dr. Mike Majchrowicz</p> |

| | Friday, September 10 | |
|---|----------------------|---|
| All Registrants Periodontal Perspectives for Restorative Dentistry UT Perio Dept Faculty | | All Registrants Prosthodontic Tips for the Dental Office: Removeable: RPD's Dentures and Digital Dentures Dr. Mike Majchrowicz |

Course Descriptions

Monday, September 6

Dentists Only

What is That and What Do I Do with It? – Session 1

Dr. James Christian and Dr. Sarah Aguirre

Course Description:

Day 1:

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|--------------|--|
| 8:00-9:45 | Biopsy Principles and Pathology Techniques Differential Diagnosis and Surgical Biopsy Techniques Questions? |
| 9:45-10:00 | Coffee Break |
| 10:00 -12:00 | Common Inflammatory, Reactive, Viral, and Autoimmune Diseases and Their Oral Presentation Biopsy, Laboratory Tests, Treatment, Follow-up Questions? |

These four hours are designed to familiarize the general practitioner with the mindset of the pathologist and surgeon when confronted with an unknown oral lesion. We will describe how the pair work together to come up with a differential diagnosis and how that is relayed to the patient. Should treatment necessitate a biopsy, we will describe how that is accomplished and what the pathologist does in the lab to get a histopathologic diagnosis. We will cover a variety of common (and some uncommon) oral lesions, how they are managed and what information the generalist needs to know about those lesions to best manage the patient.

Course 2: Dental Hygienists & Assistants

Vaccines: Past, Present and Future

Speaker: Dr. Lynn Russell

The Centers for Disease Control and Prevention (CDC) recommends routine vaccination to prevent 17 vaccine-preventable diseases that occur in infants, children, adolescents, or adults. Providers and patients must navigate numerous issues, such as the timing of each dose,

screening for contraindications and precautions, the number of vaccines to be administered, the educational needs of patients and parents, and interpreting and responding to adverse events. Vaccination providers help patients understand the substantial body of (occasionally conflicting) information about vaccination.

As Healthcare practitioners, we are often asked about these immunizations. Can you answer their questions? This CE course is designed to give you valuable information for your use in answering those questions. As a bonus you will learn a little history, understand how comprehensive vaccine development is, and assimilate enough information to help you make reliable informed decisions.

Course Objectives:

1. Discuss the clinical applications of vaccinations
2. Discuss the variations in vaccine approval.
3. Correctly advise patients regarding acceptance of vaccine requirements.

Tuesday, September 7

Dentists Only

What is That and What Do I Do with It? – Session 2

Dr. James Christian and Dr. Sarah Aguirre

Day 2:

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|-------------|--|
| 8:00-9:45 | Periapical Disease, Common Odontogenic Cysts/Tumors and Their Oral Presentation Surgical Treatment, Including the Need for Antibiotics; Antibiotics Review and Their Effect on the Microbiome Questions? |
| 9:45-10:00 | Coffee Break |
| 10:00-12:00 | Common Premalignant/Malignant Diseases and Their Oral Presentation Surgical Treatment, Management, and Follow-up Questions? |

These four hours will continue the combined evaluation and treatment planning by the pathologist and surgeon. We will present maxillary and mandibular bony lesions that may commonly be seen by the general practitioner, when evaluating radiographs, and the necessity for referral. We will discuss surgical treatment of benign disease and current antibiotic regimens and what effects these antibiotics may have on the

microbiome of the patient. We will then segue into premalignant and malignant disease, following with current surgical treatment, management and what follow-up may entail, not only for the specialist, but also for the general practitioner.

Course 2: Hygienists and Assistants

Dental Office Update

Speaker: Beth Mobilian, RDH, BA, MEd

During this course, we will cover the indications and latest research in the use of silver diamine fluoride for patients of all ages. Learn techniques for applying silver diamine fluoride. The course will also cover the use of a handheld x-ray system (NOMAD) for dental assistants and dental hygienists.

Objectives:

1. The latest scientific evidence will be discussed regarding silver diamine fluoride
2. Indications for application of silver diamine fluoride in children
3. Indications for application of silver diamine fluoride for teens and adults.
4. Discussion and reasons to incorporate a handheld x-ray system (NOMAD) into your practice

Wednesday, September 8

General Session: ALL Registrants Attend

What's New in Operative Dentistry

Speaker: Jeffery S. Nordin, DDS, MS

The practice of Operative Dentistry has never been more exciting or challenging. The demand for aesthetic treatment grows as significant improvements are made in bonding agents and

resin composite systems. The dental materials market is flooded with new, often unproven products, making materials selection difficult. This course is designed to address some questions the general practitioner may have with regards to the clinical application of modern restorative materials. Is composite resin the answer in all cases? Why are composite restorations so techniques sensitive and what can I do about it? Are we truly following “evidence based dentistry/EBD” principles? We’ll try and touch on these subjects while still stressing a preventive, conservative, and integrated disciplinary approach to restorative dentistry.

Thursday, September 9

Course 1: All Registrants

Prosthodontic Tips for the Dental Office: Fixed: Crowns, FPD’s and Attrition

Speaker: Dr. Mike Majchrowicz

Prosthodontic Tips: Lecture outline

Day one:

Prosthodontic Tips - Fixed:

Improving the field, impressions, temporary considerations, shade, FPD options, posts and problem cases.

Registrants should be able to learn options on:

How to make temporary crowns/FPDs several different ways.

Maximize information sent to lab to have crowns/FPDs fit and look their best.

Composite Rehabilitation & Severe Attrition Cases:

Instruction on the use of composite restorations to prevent, control and help restore dental patients with attrition.

Registrants should be able to learn options on:

How to address and prevent attrition.

How to identify the need to intercept in early attrition cases.

How to address/ manage extreme attrition cases with loss of VDO.

Prosthodontic Tips – Implants

History, screw drivers and systems, concepts and designing implant an crown(s), broken screws, impression and temporary techniques, soft tissue models, Fixed/removable prosthesis, Locators & complications.

Registrants should be able to learn options on:

How to identify different implant systems and become comfortable if patient has an implant problem with a different implant system.

Should be able to be knowledgeable and capable treating a patient with a Fixed/Removable implant supported prosthesis.

Course 2: All Registrants

Interceptive and Interdisciplinary Orthodontic Treatment: What you Wanted to Know but Were Afraid to Ask

Speaker: Dr. Dayeh

This course will cover various topics regarding the role of orthodontics in interceptive and interdisciplinary dental care. The course will focus on 4 main area: (1) interceptive treatment for patients in the mixed dentition, (2) surgical and orthodontic management of impacted maxillary canines, (3) orthodontic management of missing maxillary lateral incisor and (4) utilizing orthodontics to optimize the outcome of restorative treatment.

Course objectives: by the end of this course, participants should be able to

1. Identify clinical scenarios that will benefit from early interceptive treatment
2. Understand the theory behind some of the interceptive approaches used in orthodontics
3. Identify cases that will benefit from early orthodontic treatment
4. Understand the different types of surgical approaches to expose maxillary canines and the indications, advantages and disadvantages of each
5. Understand the concept of canine substitution, its indications and contraindications
6. Understand the role of the orthodontist in managing cases with missing maxillary lateral incisors
7. Identify clinical scenarios where orthodontics can optimize the outcome of comprehensive dental treatment
8. Understand some of the orthodontic techniques that can be used to optimize the outcome of comprehensive dental treatment

Friday, September 10

Course 1: All Registrants

Periodontal Perspectives for Restorative Dentistry

Speakers

Dr. Douglas Dixon, Dr. Vrushali Abhyankar, Dr. Anastasios Karydis and Dr. Les Binkley

This will be a three-part lecture series presented by UTHSC periodontal faculty. The first lecture topic will be comprised of Restorative and surgical factors related to Peri-implant health. This will be followed by a discussion of esthetic and functional concepts related to surgical crown lengthening procedures in esthetic (anterior) and functional (posterior) anatomical sites. The session will conclude with a presentation on Laser surgical procedures and advantages to assist restorative objectives.

Lecture 1 concepts: A recent systematic review in the Journal of Periodontology by Atieh et al., evaluating 1,497 individuals with over 6000 implants placed, the author's reported the prevalence of periimplant mucositis was 30.7% of implants in over 60% of patients and peri-implantitis rates as high as 9.6% in approximately 20% of patients. Some of these complications can be avoided. Therefore, this presentation will explore various surgical as well as restorative procedures and restorative design approaches as risk factors for peri-implant disease. Current data as well as case implant/restorative concepts will be reviewed and discussed.

Lecture 2 and 3 concepts: The crown lengthening (CL) procedure is one of the most common surgical procedures in periodontal practices as well as in general dental practice, after extractions. The parameters that need to be considered during the decision-making process for CL include the patient's restorative needs and esthetic expectations, supracrestal attachment, level of bone and gingival phenotype. While gingivectomy with or without osseous resection is the traditional approach, more recently less invasive procedures have been used including dental lasers, orthodontic extrusion and lip repositioning. Correct evaluation of the patient's anatomical factors, restorative and esthetic needs should lead to the utilization of the most appropriate procedure. Adequate time for healing should be allowed prior to the final restoration for the most stable and predictable long-term result.

Lecture 4 concepts: Use of lasers specifically for minor periodontal surgical procedures is becoming increasingly common in the practice of dentistry. A variety of Lasers are available and it is important to have a thorough didactic and working knowledge of their use before using them in clinical settings. Induction in the practice of lasers is usually through diode lasers due to their versatility, cost and relatively gentle learning curve followed by the more advanced Erbium lasers. However, it is important to know the correct techniques and principles before incorporating these in daily dental practice. This course strives to provide an in depth know-how of the use of lasers and their potential pitfalls in periodontal procedures like crown lengthening.

Objectives

1. Understand the concept of restorative "emergence profile" and its effect on gingival health. Appreciate the dynamic three-dimensional relationship between implant position, emergence profile and restorative design.

2. Discuss anatomical features and biologic basis of crown lengthening. Understand biologic width as a concept. Identify the problem (esthetic, functional, restorative needs, altered passive eruption, 'gummy smile') including indications and contraindications of crown lengthening
3. Discuss techniques commonly used in CL procedures (gingival plastic surgery, respective surgery, LASERs, orthodontic tooth extrusion, lip repositioning). Understand pre-surgical considerations, surgical technique, timing considerations for healing and subsequent restorations in cases involving crown lengthening.
4. Understand pre-surgical considerations, surgical technique, timing considerations for healing and subsequent restorations in cases involving crown lengthening.

Course 2:

Prosthodontic Tips for the Dental Office: Removeable: RPD's Dentures and Digital Dentures

Speaker: Speaker: Dr. Mike Majchrowicz

Removable Prosthodontic Tips:

RPD with flex clasps, Flex type RPDs, RPD & denture problems, RPD repairs, Sleep apnea device, Denture construction, Denture insertion & tough cases.

Registrants should be able to learn options on:

- How to best design and utilize Flex type RPDs.
- Understand potential RPD repairs to salvage a broken RPD.
- How to do a chairside hard reline for a denture.

Digital Dentures.

Introduction to digital dentures to include how it is done, why it is probably the future in denture construction & techniques to make a digital denture.

Registrants should be able to learn options on:

- Digital denture concepts and be able to adapt their current denture making techniques to utilize CAD milled technology dentures for their patients.