

February 2020

**Thomas Viola R Ph CCP**

**“Up In Smoke – Cannabis for Managing Dental Pain and Anxiety”**

The DEA considers cannabis to have no accepted medical use. Therefore, it is illegal to possess. Yet, almost every state has enacted legislation aimed at legalizing or decriminalizing cannabis for medical or recreational use. Despite this rise in social and legal acceptance, public health concerns regarding the use of cannabis remain, especially among dental professionals since the major routes of administration of cannabis involves the oral cavity. This program will introduce dental professionals to the pharmacology of cannabis, including its various dosage forms, routes of administration and adverse reactions. Special emphasis will be placed on the effects of cannabis use on oral health and dental treatment, as well as the proposed use of cannabis in dentistry for the management of patient anxiety and odontogenic pain.

- Discuss the history and various types of cannabis, as well as its current legal status and proposed uses in dentistry.
- Describe the pharmacology of cannabis, including its mechanism of action, routes of administration and available formulations.
- Identify the effects of cannabis on major organ systems.
- Explain the clinical considerations of cannabis use, including adverse reactions, drug interactions and contraindications.
- Explore the dental considerations of cannabis, including potential treatment modifications, and strategies for patient care planning.

March 2020

**Faizan Alawi DDS**

**“Oral cancer and pre-cancer”**

Course description:

Oral squamous cell carcinoma (oral cancer) is the most common cancer of the head and neck. Despite advances in oral cancer therapies and in our understanding of the risk factors associated with oral cancer development, survival rates remain among the lowest of all major cancer types. Thus, early detection and prevention remain critical in our efforts to decrease the incidence of this deadly disease. This well-illustrated program will use clinical cases as the basis for reinforcement of important clinical and diagnostic principals used to evaluate, diagnose and treat oral pre-cancer and cancer.

Learning Objectives:

1. Review the intrinsic and extrinsic risk factors associated with oral cancer development.
2. Recognize the clinical presentations of oral pre-cancerous and malignant lesions.
3. Become familiar with the approaches used to diagnose and prevent oral cancer.
4. Emphasize the valuable role of dental practitioners in interdisciplinary health care.

April 2020

**Cameron Gallaway**

**“Risk Management”**

This presentation will aim to provide both dentists and dental specialists with an educational overview of all things included within a malpractice policy. This includes an in depth look at policy types, limits, consent to settle, risk management and claims defense.

**Cameron Gallaway**

**MedPro**

Cam Gallaway is a Dental Sales Associate for MedPro Group - the nation’s leading insurer of dentists and dental specialists. Cam brings a wealth of malpractice industry experience to the table, working with MedPro’s distribution and association partners to deliver smart healthcare liability solutions to the dental community.

During his time at MedPro, he has built a career servicing clients and providing education on dental malpractice solutions. As such, Cam frequently lectures at dental schools, residency training programs, and association meetings throughout the country.

Cam earned a Bachelor of Science in Business Administration from Bethel College and currently resides in Fort Wayne, IN.

May 2020

**Rabie Shanti DMD**

**“Medication Related Osteonecrosis of the Jaw: Where Are We Today?”**

The lecture will provide an update on who is at risk for the development of medication related osteonecrosis of the jaw (MRONJ), and pathogenesis of this condition. Furthermore, the lecture will also provide an update of the contemporary literature in strategies to reduce the risk for the development of MRONJ and current treatment strategies.

June 2020

**Naren Rajan DMD**

### **“Digital Impressions and Workflows”**

Digital impression systems in dentistry are quickly gaining popularity today. However, many clinicians are not aware of the latest advancements as well as the scope of indications and potential. There are many systems vying for the marketplace and sorting through them can be confusing for the dentist interested in incorporating the technology.

This program will introduce emerging concepts in digital workflow using intraoral scanners and their application into restorative and surgical dental practice. In addition to reviewing available optical scanners on the market, a review of current peer reviewed literature will be considered supporting a rationale for using digital impressions in many clinical scenarios. Indications as well as contraindications for digital impressions will be reviewed as currently appropriate for smile design, restorative, removable and implant dentistry. Capabilities of 3D milling and 3D printing in and out of the dental office will be discussed as well.

In addition to evidence based usage of the technology, digital scanning best practices will be presented as well as multiple clinical cases showing what can be accomplished with optical scanners. Unique features made possible with digital scanning and practice value will be discussed.

#### Objectives

- Become familiar with currently available digital impression systems
- Understand digital workflow pathways for restorative practice
- Become aware of current literature support for digital impression scanning
- Learn indications and contraindications for using digital impressions
- Discover unique advantages of taking digital impressions
- How to use digital techniques for comprehensive diagnosis, treatment planning and smile design
- Gain insight on application of in office 3D printing for restorative dentistry and guided implant surgery

September 2020

**Katherine France DMD MBE**

**“Non-Surgical Temporomandibular Pain Management”**

Summary:

In reviewing non-surgical management of temporomandibular disorders, this course will provide a timely update of the literature on treatment modalities for a wide range of complaints. Structured as a focused review of treatment approaches, the course will cover pharmacologic options, their indications, and the evidence for use of each, and review a variety of other treatment approaches including evidence for manual therapy and some approaches used, indications for and design of splint therapy, and other conservative and minimally invasive options. Widely accessible, the information presented in this course will provide practical approaches that the general dentist or dental specialist can consider in treatment of TMD and considerations when assessing these patients.

Objectives:

Upon completion of this course, attendees will be able to understand some of the epidemiology and clinical presentation common to patients seeking care for temporomandibular disorders, understand which treatments are commonly employed in management as well as which are backed by evidence, provide a basic assessment and initial treatment to patients with temporomandibular disorder, and consider when specialty referral is warranted for additional treatment.

November 2020

**Alan Stark DDS, PhD**

**"Rethinking Root Caries: ART, Xylitol, CPP, APC and Diamine Fluoride"**

Root Caries is on the rise. Nearly half of the population over 65 are affected and this is the fastest growing demographic cohort in your practice. The literature is clear "*The current evidence base for the restoration of root caries is poor.*" What is a restorative dentist to do? This seminar will present an evidenced based review of the etiology and demographics of Root Caries, current strategies to prevent Root Caries and a summary of restorative techniques focusing on strengths, weaknesses and longitudinal outcomes.

Management of Cavitated Root Caries Lesions: Minimum Intervention and Alternatives.  
Burrow M.F., Stacey M.A. in Carrilho MRO (ed): Root Caries: From Prevalence to Therapy.  
Monogr Oral Sci. Basel, Karger, 2017, vol 26, pp 106-114

Objective: At the conclusion of this lecture the attendee will:

1. Understand the Demographic trends associated with root caries and the impact on their practice
2. Understand the relationship between salivary flow and Root Caries
3. Recognize the role of Primary, Secondary and Tertiary Prevention in managing Root Caries
3. Appreciate the role of ART in managing Root Caries
4. Be able to prescribe: Xylitol, CPP, APC and various Fluoride formulations to decrease the risk of Root Caries, or remineralize affected lesions.

December 2020

Kathryn Gilliam RDH

The Celiac Surge: Oral Signs of a New Epidemic

**Silent damage to health could be occurring with every meal. Dental practitioners can improve patients' quality of life and longevity by recognizing oral signs of this devastating disease.**

Celiac disease is a serious autoimmune disorder in which the immune system of genetically predisposed people mounts an attack in response to gluten, a protein found in grains and products made from grains such as processed foods, medicines, and cosmetics. This immune system response results in destruction that affect multiple body systems.

Left untreated, celiac disease can result in serious systemic complications by injuring the small intestine and reducing its ability to absorb nutrients. One time, the damage may escalate to skin rashes, lactose intolerance, infertility, bone weakness, and nerve damage.

Recognition of the oral manifestations of celiac disease may be the key to discovering this devastating disease in patients whose symptoms are less evident. In this course you will become familiar with the various signs and symptoms that may be pointing to this serious systemic illness. Helping patients understand that they may have gluten-related disorders could be the key to a lifetime of improved health.

Objectives

- Discover the cause, extent, and consequences of celiac disease
- Identify sources of gluten and how gluten affects sensitive individuals
- Understand other possible causes of gluten sensitivity
- Recognize the oral manifestations of celiac disease