

## Oral Pathology You Forgot You Knew



**John Kalmar, DMD, PhD**

This lecture will help the dental professional with the detection, diagnosis and management of oral and perioral conditions encountered in daily practice. Clinical features of oral abnormalities and lesions will be reviewed with an emphasis on creating a sound differential diagnosis.

Case-based examples will be used to help attendees recognize the signs and symptoms of common as well as significant oral diseases. Special emphasis will be given to: (1) ulcerative conditions (2) radiographic abnormalities and (3) soft tissue tumours. Current concepts in disease pathogenesis and treatment will be reinforced through an interactive format.

### Learning Objectives:

- To review the use of history, clinical features and follow-up evaluation in the diagnosis and management of common and potentially significant conditions associated with oral ulcers
- To understand the role of inspection and palpation in the evaluation of soft tissue mass lesions (lumps and bumps) of the oral cavity and the impact of site on the differential diagnosis
- To review radiographic features of common and significant oral pathologic conditions and discuss the indications for cbCT in the evaluation of skeletal abnormalities

**Session Code:** S-001  
**Room:** 701A – MTCC – South Building  
**Time:** 8:30 – 11:00 am  
**Type:** Lecture  
**Audience:** Dentist; Dental Hygienist, Dental Assistant  
**RCDSO QA Program Category 2 (3 CE Points)**  
**Fee:** Free

## Diagnostic Aids for Oral Cancer



**John Kalmar, DMD, PhD**

This lecture will update the dental professional on current commercially available adjuncts for the detection and diagnosis of potentially malignant oral lesions and oral cancer. The conventional visual and tactile examination of the dental patient will be reviewed together with the classic

clinical characteristics of oral precancerous and cancerous lesions. Risk factors such as smoking and HPV infection will be discussed together with the potential role of light and salivary-based tests in assessing patient risk for oral and oropharyngeal (tonsillar) cancer.

### Learning Objectives:

- To review the steps of the conventional visual and tactile examination and the clinical features of potentially malignant oral lesions and oral cancer
- To review current concepts of oral cancer and potentially malignant lesions, including epidemiologic evidence for risk factors and the role of human papillomavirus (HPV) in oral and tonsillar cancers
- To understand current evidence supporting commercially available light and salivary-based devices and tests for the detection of oral and tonsillar cancers

**Session Code:** S-002  
**Room:** 701A – MTCC – South Building  
**Time:** 12:30 – 3:00 pm  
**Type:** Lecture  
**Audience:** Dentist; Dental Hygienist; Dental Assistant  
**RCDSO QA Program Category 2 (3 CE Points)**  
**Fee:** Free

## Oral Cancer Screening and Lesion Recognition: Improve Your Diagnostic and Management Skills!



**Joel Laudenbach, DMD**

The oral, head and neck cancer screening examination technique will be reviewed in detail with helpful recognition and diagnostic strategies. Common oral lesions and head/neck pathology observed in general and specialty dental practice will be presented, as well as updated oral cancer statistics/risk factors. Oral manifestations of systemic diseases will be highlighted using an interactive format. Attendees will learn to recognize when additional testing and/or specialty referrals are indicated. Adjunctive and biopsy techniques will be briefly reviewed: tissue reflectance/fluorescence, toluidine blue dye, cytology and conventional scalpel biopsy. Lesion management will be discussed throughout the lecture.

### Learning Objectives:

- More confidently and effectively perform oral cancer screening and lesion assessment
- Improve recognition of oral lesions/manifestations of systemic diseases encountered in clinical dental practice
- Make better clinical/practice decisions regarding adjunctive/biopsy techniques and specialty referrals

**Session Code:** S-003  
**Room:** 701B – MTCC – South Building  
**Time:** 8:30 – 11:00 am  
**Type:** Lecture **Ticketed Event**  
**Audience:** Dentist; Dental Hygienist; Dental Assistant; Office Personnel  
**RCDSO QA Program Category 1 (Core) (3 CE Points)**  
**Fee:** \$20

## Oral Lesion Biopsy and Adjunctive Device Techniques Workshop



**Joel Laudenbach, DMD**

This workshop covers: indications for biopsy, case selection, straightforward differential diagnosis, informed consent, surgical biopsy site planning (incisional and excisional), armamentarium, suturing, and post-operative management strategies. Attendees will be introduced to crucial, non-surgical skills: pathology laboratory selection/interaction, documentation, billing, biopsy report interpretation for common lesion diagnoses, patient discussion points, management and referral strategies. Lesion assessment adjunctive devices/tests (i.e., toluidine blue dye, tissue fluorescence and transepithelial cytology) are reviewed in the context of treatment-planning and performing initial scalpel biopsies.

### Learning Objectives:

- Learn the basics of gingival and soft tissue oral biopsy techniques
- Understand simplified differential diagnosis, appropriate case selection, biopsy surgical planning, operative and post-operative skills necessary for effective oral biopsy procedures
- Understand lesion assessment devices and how they can be used to improve oral lesion diagnosis

**Session Code:** S-004  
**Room:** 713B – MTCC – South Building  
**Time:** 12:30 – 3:00 pm  
**Type:** Workshop (Capacity: 30) **Ticketed Event**  
**Audience:** Dentist; Dental Hygienist  
**RCDSO QA Program Category 2 (3 CE Points) Plus1 Bonus Point**  
**Fee:** \$275

## Invisalign is a Technique, Not a Product



**Jason Tam, BSc, DDS, CAGS Ortho, FRCD(C)**

As dental professionals, we should try to change our verbiage from asking if Invisalign will work, to asking the question about whether we are able to use Invisalign to achieve the desired results. By planning the correct force systems, we are able to move teeth with plastic more than ever before. Generally, failure of Invisalign treatment is due to improper doctor planning, rather than limitations of the appliance or patient cooperation. This lecture will emphasize the importance identifying potential patients for orthodontic treatment using Invisalign, step-by-step analysis of ClinCheck simulations, and discuss the implementation of Invisalign treatment in the clinical setting.

### Learning Objectives:

- Identify patients for whom orthodontic treatment may be of benefit and proper case selection
- Understand various auxiliaries and force systems available to aid in Invisalign treatment
- Develop a plan of action to introduce or increase Invisalign treatment within the dental office

**Session Code:** S-005  
**Room:** 709 – MTCC – South Building  
**Time:** 8:30 – 11:00 am  
**Type:** Lecture  
**Audience:** Dentist; Dental Hygienist  
**RCDSO QA Program Category 2 (3 CE Points)**  
**Fee:** Free

## The Art and Science of Crown Lengthening for Successful Restorative Dentistry: From Concepts to Predictable Results



**Jim Grisdale, DDS, Dip Perio, Dip Prosth**

This lecture will focus on the different techniques utilized in esthetic and functional crown lengthening. The concept of biologic width and ferrule effect as it applies to crown extension will be addressed. Diagnosis and treatment-planning will be discussed in detail. Soft- and hard-tissue surgical approaches will be emphasized. Proper case selection, flap types and management from incisions, flap elevation, osseous surgery and suturing techniques for predictable wound-healing will be covered. Newer technology for crown lengthening will also be introduced.

### Learning Objectives:

- Diagnosis and treatment-planning for predictable esthetic and functional crown lengthening
- Recognize the indications and contraindications for crown lengthening
- Learn different crown-lengthening procedures, instrumentation, predictable techniques, post-operative care and wound-healing principles

**Session Code:** S-006  
**Room:** 715AB – MTCC – South Building  
**Time:** 8:30 – 11:00 am  
**Type:** Lecture

The lecture is a prerequisite to participate in workshop (S-007).

**Audience:** Dentist; Dental Hygienist; Dental Assistant  
**RCDSO QA Program: Category 2 (3 CE Points)**  
**Fee:** Free

## Crown Lengthening for Predictable Esthetic and Functional Restorative Treatment Outcomes: A Workshop



**Jim Grisdale, DDS, Dip Perio, Dip Prosth**

This hands-on workshop for will focus on the different techniques utilized in surgical crown extension for esthetic and functional cases. Indications and contraindications for crown lengthening will be addressed. The concept of biologic width and ferrule effect as it applies to crown lengthening will be covered. Proper case selection, flap types and management from incisions, flap elevation, osseous surgery and suturing techniques will also be presented. This lecture is a must for all dentists who are providing esthetic and functional crown restorations to their patients.

### Learning Objectives:

- How to apply, diagnose and treatment-plan for both esthetic and functional crown lengthening
- Learn different flap designs and indications, principles of osseous surgery and different suturing techniques
- Understand wound-healing principles and the correct timing for predictable restorative procedures

**Session Code:** S-007  
**Room:** 713A – MTCC – South Building  
**Time:** 12:30 – 3:00 pm  
**Type:** Workshop (Capacity: 30) **Ticketed Event**  
*Prerequisite: must attend lecture (S-006) to participate in this workshop.*  
**Audience:** Dentist  
**RCDSO QA Program: Category 2 (3 CE Points) Plus 1 Bonus Point**  
**Fee:** \$420

## CSI 2: Office Implementation of Compliance, Safety and Inspections



**Blake Clemes, BA, DDS**

This lecture examines how to implement in the dental office the legal requirements of the *Occupational Health and Safety Act* (OHSA) and related regulations that were outlined in the first CSI lecture. This lecture can act as a checklist that you have fully done your implementation or help you to now do so. It is strongly suggested that at least one member of the dental team has completed the first CSI lecture in order to properly understand the content and detail of this lecture.

### Learning Objectives:

- To implement all requirements of the OHSA and associated regulations in the dental office
- To have the information and contacts to procure all required training and equipment
- To properly apply the legislation to any unique situation in your dental office

**Session Code:** S-008  
**Room:** 714A – MTCC – South Building  
**Time:** 8:30 – 11:00 am  
**Continuous 12:30 – 3:00 pm**  
**Type:** Lecture **Ticketed Event**

This is a full-day continuous lecture, and you must attend the morning session and afternoon session to receive a full 6 points. NO POINTS will be provided for attending a half-day lecture.

**Audience:** Dentist; Dental Hygienist; Dental Assistant; Office Personnel; Dental Technologist  
**RCDSO QA Program: Category 1 (Core) (6 CE Points)**  
**Fee:** \$20

## Creating Masterpieces with Composite Resins: An Anterior and Posterior Hands-on Lecture



**Robert Margeas, DDS**

This anterior and posterior hands-on workshop will cover the different treatment options for fractured and discoloured anterior teeth. Attendees will create an invisible class 4 restoration, along with an anterior full veneer with multilayering and surface texture that can rival porcelain.

A posterior class 2 restoration will also be performed with a unique matrix system that provides tight contacts.

### Learning Objectives:

- How to hide a fracture line in a class 4
- Create surface texture to rival porcelain
- Create tight contact on posterior composites

**Session Code:** S-009 – 8:30 – 11:00 am  
**Session Code:** S-010 – 12:30 – 3:00 pm  
**Room:** 714B – MTCC – South Building  
**Time:** 8:30 – 11:00 am  
**Repeated** 12:30 – 3:00 pm  
**Type:** Workshop (Capacity: 30) **Ticketed Event**  
**Audience:** Dentist; Dental Technologist  
**RCDSO QA Program:** **Category 2 (3 CE Points)**  
**Plus 1 Bonus Point**  
**Fee:** \$420  
**Sponsored by:**



## Training on Blood Sampling and Intravenous Injections



**Joseph Choukroun, MD**

### DAY 2

In this hands-on workshop, you will receive training on blood sampling and intravenous injections. Learn about the anatomy of the veins of the upper and lower limbs and the technique for identifying veins of the extremities. You

will learn how to do intravenous injections and understand what products are injected and how to manage contact accidents with blood products. Practical work on dummies (infusion elbows and arms), as well as video clips of live surgery, are part of this workshop.

### Learning Objectives:

- Learn the anatomy of the veins available for phlebotomy
- Learn the technique of venipuncture: skills and tips
- Learn about the prevention of accidents of blood contact

**Session Code:** S-011  
**Room:** 716A – MTCC – South Building  
**Time:** 8:30 – 11:00 am  
**Continuous** 12:30 – 3:00 pm  
**Type:** Workshop (Capacity: 20) **Ticketed Event**  
 This is a full-day continuous lecture, and you must attend the morning session and afternoon session to receive a full 6 points. NO POINTS will be provided for attending a half-day lecture.  
**Audience:** Dentist  
**RCDSO QA Program:** **Category 2 (6 CE Points)**  
**Plus 1 Bonus Point**  
**Fee:** \$420

## Creating Endodontic Predictability: Shape, Clean and Pack – A Hands-on Workshop



**Gary Glassman, DDS, FRCD(C)**

This hands-on workshop will address and detail the skills necessary for acquiring the expertise and confidence to perform the highest-quality endodontics. Glide path preparation and the crown-down approach to canal-shaping with nickel-titanium instrumentation using TF

Adaptive™ will be discussed and demonstrated, along with presenting the latest in NiTi kinematics, Adaptive Motion technology. Also to be discussed will be predictable and safe irrigation protocols using apical negative pressure while utilizing the EndoVac PURE™ irrigation system. Vertical condensation of thermo-softened gutta percha using the continuous wave of vertical condensation will also be demonstrated.

### Learning Objectives:

- Create a glide path and shape the root canal space using NiTi technology in a safe and efficient manner while using Adaptive Motion technology
- Remove the smear layer and biofilm using apical negative pressure, while utilizing the EndoVac PURE™ irrigation system
- Oblurate the root canal system in 3D to capture the natural anatomy with the continuous wave of vertical condensation

**Session Code:** S-012  
**Room:** 716B – MTCC – South Building  
**Time:** 12:30 – 3:00 pm  
**Type:** Workshop (Capacity: 30) **Ticketed Event**  
**Audience:** Dentist  
**RCDSO QA Program:** **Category 2 (3 CE Points)**  
**Plus 1 Bonus Point**  
**Fee:** \$420  
**Sponsored by:** **Kerr**

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## Work is a Theatre! Every Dental Office is a Stage! (Creating Powerful, Memorable, Inspiring Patient Experiences)



**Peter Barry, CMC, RRDH Practice Mastery Coach**

When the phone rings or a patient walks through our front door, the curtain goes up, and it's showtime! We must play together like an orchestra that is fully prepared, engaged, focused and excited to deliver a memorable overall experience. This engaging lecture is filled with revealing concepts and practical strategies that will enable you to grow your practice by influencing your customers in a very positive and creative fashion. Our passion, energy, optimism and level of caring, as well as how informative and organized we are, are all palpable within the first few moments of entering our practice, and they are replicated throughout the DNA of our office. The little distinctions in how we do what we do, each step of the way, will set us apart and determine the level of fulfillment our patients ultimately draw from being in our practice.

### Learning Objectives:

- Transform bargain shoppers into fulfilled consumers who desire your services and value your fees
- Inspire, attract and retain long-term committed customers who love to be served by you
- Stage powerful patient experiences that set you apart and attract others to want to be in your practice

**Session Code:** S-013  
**Room:** 717AB – MTCC – South Building  
**Time:** 8:30 – 11:00 am  
**Continuous 12:30 – 3:00 pm**  
**Type:** Lecture **Ticketed Event**  
**Audience:** Dentist; Dental Hygienist; Dental Assistant; Office Personnel; Dental Technologist  
**RCDSO QA Program:** Category 3 (6 CE Points)  
**Fee:** \$10

## Dental Caries Update 2017: It's About More than Just Filling Holes!



**John Maggio, DDS**

This unique, disease-based lecture challenges dentists and their teams to rethink how to manage dental caries. What's the best way to approach a large carious lesion? Can we avoid exposure of the pulp and endodontic therapy if the tooth is vital and asymptomatic? What will happen if we leave some soft dentin under a well-sealed restoration? What does the scientific evidence tell us? Dr. Maggio will provide literature and review scientific studies as a framework for rethinking our approach to caries as a disease. Specific guidelines will be developed for treatment of very deep lesions, small carious lesions and root caries, and prevention and minimal intervention.

### Learning Objectives:

- See caries as a disease process and treat lesions using the medical model, understand the nature of soft dentin and its ability to be remineralized and be able to choose between indirect pulp caps, step-wise excavation and ultraconservative caries removal
- Know the indications for, and advantages of, glass ionomer materials, including the open-sandwich technique and be familiar with atraumatic caries removal
- Recognize risk factors that lead to carious lesions, be able to perform a chair-side dietary sugar analysis, be familiar with the indications for fluoride, xylitol and MI Paste and know how to remineralize unsightly white, yellow or brown lesions on anterior teeth

**Session Code:** S-014  
**Room:** 718A – MTCC – South Building  
**Time:** 8:30 – 11:00 am  
**Continuous 12:30 – 3:00 pm**  
**Type:** Lecture **Ticketed Event**  
**Audience:** Dentist; Dental Hygienist; Dental Assistant  
**RCDSO QA Program:** Category 1 (Core) (6 CE Points)  
**Fee:** \$20

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## Why are You Grinding and Clenching Your Teeth?



**John Droter, DDS**

Most dentists have only a single type of treatment for bruxing: a night guard. Bruxing is not a single disorder with a single treatment. Bruxing can be grinding or clenching, which are two different disorders. It can occur while sleeping or in the daytime. It is crucial to identify which of the many different types of bruxing a patient has in order to deliver an effective therapy. A night guard for someone who clenches in the daytime will not be effective. You will learn how to differentiate between patients who grind their teeth, those who clench and whether the parafunction is occurring in the day or night. You will learn several different therapies and appliances to address each of these very different diseases.

### Learning Objectives:

- Identifying patients in your practice who grind and clench
- Grinding is different than clenching: how to identify each type
- How to manage the three different types of grinding

**Session Code:** S-015  
**Room:** 801A – MTCC – South Building  
**Time:** 8:30 – 11:00 am  
**Type:** Lecture  
**Audience:** Dentist; Dental Hygienist; Dental Assistant  
**RCDSO QA Program:** Category 2 (3 CE Points)  
**Fee:** Free

## What is a Click?



**John Droter, DDS**

That mysterious sound coming out of the temporomandibular joint (TMJ) will be explored. Some clicks are dangerous, most are not. Can you tell the difference? After this lecture, you will have a much better understanding of the TMJ in health and disease. You will be better able to explain to your patients why their joints are making a clicking sound and if there is anything to worry about. The clicking sound emanating from the TMJ can be from several different causes. Some need treatment, most do not. A simplified diagnostic approach that can be done in any dental office will be presented, allowing a general practitioner to identify the dangerous clicks.

### Learning Objectives:

- All clicking temporomandibular joints are damaged, and most damaged temporomandibular joints do not need treatment
- How to identify dangerous clicks
- Introduction into reading MRI and CT scans

**Session Code:** S-016  
**Room:** 801A – MTCC – South Building  
**Time:** 12:30 – 3:00 pm  
**Type:** Lecture  
**Audience:** Dentist; Dental Hygienist; Dental Assistant  
**RCDSO QA Program:** Category 2 (3 CE Points)  
**Fee:** Free

## How to Prevent Caries in Primary and Young Permanent Teeth



**Michael Ignelzi, DDS, PhD**

This lecture will present practical information, based on the best available evidence, so that you can provide the best care to your patients. The science regarding prevention is changing rapidly. The lecture features the most up-to-date information on fluoride, including silver diamine fluoride, how to maximize sealant retention and when children should begin using fluoridated toothpaste. You will learn about the bacteria that cause caries, the protective role of saliva, chemotherapeutic agents, chair-side diagnostic tools and the consumer products that prevent enamel demineralization and promote enamel remineralization.

### Learning Objectives:

- Which topical fluoride is most effective and when to use silver diamine fluoride
- How to manage non-cavitated pit and fissure lesions
- How to maximize sealant retention

**Session Code:** S-017  
**Room:** 801B – MTCC – South Building  
**Time:** 8:30 – 11:00 am  
**Continuous 12:30 – 3:00 pm**  
**Type:** Lecture

*This is a full-day continuous lecture, and you must attend the morning session and afternoon session to receive a full 6 points. NO POINTS will be provided for attending a half-day lecture.*

**Audience:** Dentist; Dental Hygienist; Dental Assistant  
**RCDSO QA Program:** Category 2 (6 CE Points)  
**Fee:** Free

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### Basic Life Support CPR/AED Certification for Health-Care Providers



**David Goodman, BSc, AEMCA, Paramedic**

This highly engaging, interactive and paramedic-instructed basic life support for health-care providers certification workshop is recommended for all staff working in the dental field. The new 2016 guidelines for CPR and defibrillation will be introduced. Topics include: preparing your office to handle medical emergencies, choking, heart attack and stroke recognition and treatment, and CPR and defibrillation skills and protocols. Each participant will receive a 150-page medical CPR/AED book in addition to their certification card.

**Learning Objectives:**

- How to prepare your practice to handle medical emergencies – both prevention and action
- Recognition and treatment of life-threatening medical emergencies in the dental office
- CPR and defibrillation skills and proficiency – both theory and hands-on

**Session Code:** S-018 – 8:30 – 11:00 am  
**Session Code:** S-019 – 12:30 – 3:00 pm  
**Room:** 802AB – MTCC – South Building  
**Time:** 8:30 – 11:00 am  
**Repeated** 12:30 – 3:00 pm  
**Type:** Lecture/Workshop (Capacity: 75)  
**Ticketed Event**  
**Audience:** Dentist; Dental Hygienist; Dental Assistant; Office Personnel; Dental Technologist  
**RCDSO QA Program:** Category 2 (3 CE Points)  
**Fee:** \$90

### What Dentists Should Know About Orofacial Manifestations of Auto Immune Rheumatic Diseases Part 2 – Inflammatory Arthropathies and Myopathies



**David Psutka, DDS, FRCD(C)**

Inflammatory joint and muscle disorders are common, many of them frequently affecting the oral-facial complex. This lecture will discuss the oral manifestations of these conditions. Dentists can play an important role in the overall management of these patients. The impact of pharmacotherapy as an adjunct and the potential side-effects on the oral cavity will be reviewed.

**Learning Objectives:**

- To understand the basic pathophysiology of systemic inflammatory arthropathies and the oral-facial effects caused by these conditions
- To understand how dentists can contribute to the multidisciplinary management of patients with these disorders.
- To understand the impact of pharmacotherapy used to treat these disorders and specifically the potential oral manifestation of these side-effects

**Session Code:** S-020  
**Room:** 803AB – MTCC – South Building  
**Time:** 8:30 – 11:00 am  
**Type:** Lecture  
**Audience:** Dentist  
**RCDSO QA Program:** Category 1 (Core) (3 CE Points)  
**Fee:** \$20

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