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BY TOPIC

RESTORATIVE DENTISTRY

The Art and Science of Direct Esthetic Restorations
Drs. Cathia Bergeron & Laurie St-Pierre
SAT 15 OCT 2016  8:00 - 4:30
Hands-on course

Gold Inlays & Onlays
Dr. Hugo Ciaburro
FRI - SAT 4-5 NOV 2016  8:00 - 4:30
2-Day Lecture, Hands-on course

Tooth Preparation
Dr. Samer Abi Nader
SAT 12 NOV 2016  8:00 - 4:30
Lecture, Hands-on course

Review of Fixed Prosthodontic Concepts
Dr. Lane Ochi
SAT 29 APR 2017  8:00 - 4:00
Lecture

Complete Dentures
Drs. Faleh Tamimi & Raphael de Souza
SAT 6 MAY 2017  8:00 - 4:00
Lecture

IMPLANT DENTISTRY

How to Plan Dental Implant Treatments
Drs. Faleh Tamimi & Nicholas Makhoul
SAT 26 NOV 2016  8:00 - 4:30
Lecture, Hands-on course

Implant-Retained Overdentures
Dr. Samer Abi Nader
SAT MAR 25 2017  8:00 - 4:30
Lecture, Hands-on course

ORAL PATHOLOGY

Premalignant Lesions and Oral Cancer
Drs. Michel El Hakim & Adel Kauzman
SAT 1 APR 2017  8:00 - 4:00
Lecture

OTHER

Infection Prevention and Control
Ms Wendy Somerville SAT
22 OCT 2016  8:00 - 12:30
Lecture

Ergonomics in the Clinical Environment
Ms Lyne Grenier
SAT 18 FEB 2017  8:00 - 12:00
Lecture, Workshop

PERIODONTICS

Working With Patients: Periodontal Surgery
Dr. Sam Malkinson
TUES 18 OCT 2016- THURS 1 JUN 2017
Multiple Lectures, Hands-on & with-Patient courses

Fundamentals of Periodontics
Dr. Sam Malkinson
SAT 29 OCT 2016  8:00 - 4:00
Lecture

Fundamentals of Periodontal Surgical Therapy
Dr. Sam Malkinson
SAT 18 MAR 2017  8:00 - 4:30
Hands-on course

Advanced Periodontal Surgical Therapy
Dr. Sam Malkinson
SAT 8 APR 2017  8:00 - 4:30
Hands-on course

RADIOLOGY

Cone Beam Computed Tomography in Dentistry
Dr. Didem Dagdeviren
FRI-SAT-SUN 21-22-23 APR 2017  8:00 - 4:30
15 hrs small field or 30 hrs large field
Lecture, Hands-on course
Working With Patients: Periodontal Surgery

Session 1 - Evening Discussion: Introductory Session
Session 2 - Active Learning Lecture: "Fundamentals of Periodontics"  
   (See October 29 course page)
Session 3 - Evening Discussion: "How to Identify and Document Periodontal Surgery Cases"
Session 4 - Hands-on Course: "Fundamentals of Periodontal Surgical Therapy"  
   (See March 18 course page)
Session 5 - Hands-on Course: "Advanced Periodontal Surgery"  
   (See April 8 course page)
Session 6 - Evening Clinic: Supervised Periodontal Surgery on your patient (group 1 operates, group 2 assists)
Session 7 - Evening Clinic: Supervised Periodontal Surgery on your patient (group 2 operates, group 1 assists)
Session 8 - Evening Clinic: Post-operative Care on all patients (both groups)
Session 9 - Evening Discussions: Case Presentations and Summary

MAXIMUM OF 8 PARTICIPANTS

Program Summary

A completely novel initiative, the “Working With Patients: Periodontal Surgery” series will take a maximum of 8 participants, and through the course of the year, teach them how to identify, treatment plan, perform, and post-operatively manage periodontal surgical cases, among their own patients. Included in this series are the concurrent McGill Continuing Education Courses of Fundamentals of Periodontics, Fundamentals of Periodontal Surgery, and Advanced Periodontal Surgery. Participants are required to attend these courses in order to be ready for the clinical sessions.

Short evening sessions in the fall and winter seasons will be spent pre-operatively planning the cases. In two successive three-hour evening sessions in the spring, participants will team up in pairs, with one participant being the operator and performing the planned surgery on his or her patient, and with the other participant playing the role of assistant. At the subsequent surgical session, the roles will switch. A combined post-operative session will ensue several weeks later, so that both participants can see how both cases heal. A final concluding session will see each participant make a short presentation of their case to the group.

Course Objectives

- To learn how to identify appropriate surgical cases to be done by a general dentist in private practice
- To learn what has to be done pre-operatively to ensure these surgical cases succeed
- To learn how to execute these surgical procedures and provide appropriate post-operative care
- To learn how to present these cases to colleagues
The Art and Science of Direct Esthetic Restorations

Program Summary
This course is intended to improve your knowledge and your skills when performing direct composite procedures. It combines lectures, live demonstrations and hands-on experience with the ultimate objective of sharing with practitioners a clinically conservative and predictable approach applicable in daily practice.

The program on posterior restorations includes step-by-step clinical examples and exercises on Class II restorations where participants will learn how to place well-sealed, long-lasting posterior composites replicating natural morphology.

Objectives
- Use minimally invasive preparation designs
- Eliminate post-op sensitivity
- Reduce gingival margin leakage by using a flowable resin in a snowplow technique
- Consistently achieve tight and properly contoured proximal contacts with the proper matrix system
- Form beautiful occlusal anatomy and reduce finishing time

The program on anterior restorations has a strong emphasis on understanding polychromatic shading. Participants will learn how to create natural-looking restorations based on optical properties of composite materials and tooth structure. Several clinical cases will be presented and participants will practice the polychromatic build-up in a large Class IV and will learn how to treat severely discoloured teeth.

Objectives
- Understand colour parameters and choose composite resin shades to obtain the best possible colour match
- Achieve predictable results with intra-oral mock-ups and custom shade guides
- Prepare anterior teeth conservatively to facilitate blending of the composite into the natural tooth structure
- Place and layer composite resin with the help of a lingual matrix to consistently create natural-looking anterior restorations
- Create effects in the incisal third to mimic polychromatic structure
- Learn how the subtleties of contour, anatomy, texture and polish of natural teeth can be replicated in composite

Dr. Bergeron is Professor of Operative Dentistry at Laval University (Québec) where she also serves as Dean. After her DMD, she obtained a certificate in Operative Dentistry and a MS degree from the University of Iowa in 1999. Dr. Bergeron maintains a university practice limited to Operative Dentistry with a strong emphasis on esthetic dentistry. Her primary interests are in the areas of esthetics, composite resins, dental adhesion and minimally invasive dentistry.

Dr. St-Pierre obtained her DMD and completed an AEGD program at Université Laval (Québec City, Canada). She received a Certificate in Operative Dentistry and a Master of Science degree from the University of Iowa in 2011. She is currently an Associate Professor in Operative Dentistry at Université Laval. Dr. St-Pierre maintains an university practice limited to restorative and esthetic dentistry. Her area of interest and research are within the scope of esthetic dentistry, minimally invasive dentistry, dental materials, adhesion, marginal adaptation and cariology.
Infection Prevention and Control in the Dental Office

Program Summary

As dental licensing bodies require more stringent application of infection prevention practices, patients are becoming increasingly aware of the risks of infectious disease transmission as well as safety issues inherent in receiving dental treatment. As a result, dental offices must be able to apply increasingly complex policies and practice guidelines in order to promote a safe and professional treatment environment that not only complies with regulatory bodies but inspires patient confidence.

In order to accomplish this, dental practitioners should be actively involved in the on-going education and training of both themselves and their staff with regards to Infection Prevention and Control best practice.

This course will present core concepts based on evidence-based best practices that are the keys to the development of any dental infection prevention and control program. These concepts will be presented in such a way that they can then in turn be used as tools by participants in order to critically assess their own dental practices with respect to best practices in infection prevention and control.

Course Objectives

Upon completion of this course, participants should be able to assess their dental practices with respect to the following core infection, as well as prevention and control requirements:

- Patient risk assessment
- Personnel safety; vaccination, work exclusion, needle stick injury follow up
- Hand hygiene
- Use of personal protective equipment
- Single use items
- Cleaning, sterilization and disinfection
- Dental water and suction lines

A questionnaire will be sent to each participant prior to the course in order to allow more focus on specific issues based on the responses received.

Ms. Somerville began her career as a medical technologist in Clinical Microbiology at the McGill University Health Centre (MUHC) and later went on to obtain a BSc in Cell and Molecular Biology (Concordia University) and a Master’s degree in Anatomy and Cell Biology from McGill University.

She resumed her career as a McGill researcher focusing on the epidemiology of respiratory diseases and on laboratory biosafety and was instrumental in the commissioning of the biosafety level 3 containment facility used for Tuberculosis research at the MUHC.

In 2003 Ms. Somerville joined the Infection Prevention and Control (IPAC) department at the Royal Victoria Hospital where she held the dossiers for diverse inpatient and outpatient clinics, units and services. She has been the coordinator of McGill Faculty of Dentistry’s undergraduate and residency infection control program since 2009.

Wendy Somerville
MLT, MSc

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Program Summary

Using an active learning approach, Fundamentals of Periodontics will give participants the basic didactic and translational understanding necessary to manage cases of inflammatory periodontal disease. In the morning session, current concepts and standards of care for periodontal examination, charting, and radiographs will be presented. This will be accompanied by an algorithm for how to properly diagnose inflammatory periodontal disease, and how to treatment-plan initial periodontal therapy. Armed with this knowledge, participants will form into groups of 3-4, and each group will be given a different case on their laptops or tablets. Each case will have a case history, charting, and radiographs. Groups will diagnose and treatment-plan each case up to the end of initial therapy. A short debrief will follow to discuss everyone’s answers to all the cases. A break for lunch will follow.

In the afternoon session, a short presentation will cover evaluation of initial therapy, the decision-making appointment which marks the end of the initial-therapy phase of periodontal treatment. Finally, the groups will return to their cases, but this time will have an added piece of the puzzle – the evaluation of initial therapy results. Groups will now then have to decide how to manage each case post-initial therapy. A final debrief will discuss everyone’s decisions, and place the exercise into context.

Course Objectives

- To learn the current standards of care for periodontal examination, charting and radiographs in order to gain adequate information regarding a case of inflammatory periodontal disease
- To synthesize the information gained from the charting and radiographs into a coherent diagnosis
- To treatment-plan cases of inflammatory periodontal disease through to the end of initial therapy
- To evaluate the results of initial therapy, and to decide how cases need to be managed subsequently

Each participant is required to bring a laptop or tablet to this course. In the event that you are interested in participating but unable to bring one of these, please contact us before registering.
Program Summary

This two day hands-on course will cover all the steps required to produce outstanding conservative cast gold restorations.

The lecture portion of the course will cover every aspect in detail. Case selection, basic principles, cavity preparation variation through an extensive selection of clinical cases, impression technique, provisional restoration, evaluation of lab work, seating and finishing.

Hands-on portion will give participants the opportunity to prepare several cavity designs on model and learn how to take precise impressions.

The workshop will conclude with a live demonstration of the seating and finishing sequence of a gold casting.

Course Objectives

- Learn a step-by-step method to produce consistent conservative cast gold restorations of the highest quality
- Understand the basic principles of the Tucker technique for various cavity design preparations
- Learn a simple but effective and precise method for taking impressions
- Learn how to evaluate the laboratory work and a protocol for cementation and finishing of cast gold restorations
Tooth Preparation: A New Twist to an Old Story

Program Summary

Tooth preparation is the single most important aspect of restorative dentistry because it establishes the foundation for all our restorations. The objective of the course is to provide the clinician with a predictable and systematic approach that would assure a successful treatment in various situations. The theoretical component will review basic principles, highlight new concepts as well delineate current clinically-relevant concepts of tooth preparation. A series of clinical cases will be presented and discussed along with some common problems and their solutions. Finally, a variety of “tips and tricks” and technical refinements will be presented to the practitioner.

Topics covered in didactic session

- Indications of extra-coronal coverage
- Comprehensive sequence for restorative treatments
- Basic concepts of tooth preparation
- Current concepts of tooth preparation
- Margin design and its implication on gingival health and esthetics
- Case presentation and discussion

Hands-on Session

The hands-on portion will provide an overview of the various steps of tooth preparation for both anterior and posterior restorations. The most common errors will be presented and simulated on a selection of artificial teeth. The participants will have the opportunity to learn how to recognize and correct these errors by applying the management strategies discussed in the theoretical part of the course.

Course Objectives

- Review basic concepts of tooth preparation for extra-coronal coverage
- Introduce current concepts and discuss their clinical implications
- Review the impact of crown design on soft tissue healing and maturation
- Discuss soft tissue management around crown abutments
- Present common complications and discuss their management strategies
Program Summary

Implants are becoming a routine treatment option for replacing missing teeth. Successful management of dental implant cases requires appropriate treatment planning. In order to plan these cases properly, it is necessary to understand the limitations and associated risk factors. In addition, planning treatments with dental implants requires specific skills that are unique to this treatment modality. This includes knowledge of the components required for the treatment and the ability to use dental implant catalogues. Dental implant companies provide a large range of options in terms of components needed to treat these cases (i.e. implants, impression transfers, implant abutments, etc.). Each clinical scenario requires specific components that depend on multiple factors such as implant position and angulation, the size of the implant that can be placed, mouth opening and many others. Therefore, in order to be able to manage a dental implant treatment, the clinician needs to be able to select the most appropriate components for each case. Furthermore, in order to plan the surgical placement of a dental implant, surgical guides are needed. Handmade surgical guides help determine the position of the implant whereas CAD/CAM surgical guides help determine the precise position and angulation of the implant.

In the morning session of this course, the participants will be introduced to the key concepts in planning treatments with dental implants. Afterwards, there will be a workshop in which the participants will be trained on how to develop comprehensive treatment plans for dental implant cases, and how to use the dental implant catalogues needed to do so.

In the afternoon session, the participants will be trained on how to make surgical guides for edentulous and dentate patients using traditional manual techniques as well as CAD/CAM technology.

Course Objectives

- Know the fundamentals needed to plan an implant case
- Develop a treatment plan for an implant cases and know how to use an implant catalogue to identify all the components needed for the treatment.
- Identify the different types of surgical guides and their indications
- Fabricate a surgical guide and learn how to use software to make CAD/CAM surgical guides
Program Summary

The focus of this workshop is to review common ergonomic risk factors associated with the dentistry profession, familiarize workers (dentists, dental hygienists, dental assistants) with basic ergonomic principles and brainstorm solutions that promote healthy individualized workspaces.

Workshop participants will have the opportunity to work side by side with Occupational Therapists to practice implementing, in their own individual workspace (in our student clinic), ergonomic principles that best suit their individual needs.

Course Schedule

8:00am - 8:30am  Continental Breakfast
8:30am - 10:00am Lecture
10:15am - 12:00pm Workshop in the Clinic

Marie-Lyne Grenier
MscOT, DOT, CHT, erg.

Marie-Lyne Grenier is a full-time faculty member in the Occupational Therapy program at the School of Physical and Occupational Therapy, McGill University. She has a Clinical Doctorate in Occupational Therapy from Temple University (Philadelphia, USA). Marie-Lyne is a Certified Hand Therapist, specializing in injuries and conditions affecting the hand and upper limbs. She also has extensive experience working with clients with repetitive strain injuries, arthritic conditions and workplace injuries.

Ergonomics in the Clinical Environment

Marie-Lyne Grenier is a full-time faculty member in the Occupational Therapy program at the School of Physical and Occupational Therapy, McGill University. She has a Clinical Doctorate in Occupational Therapy from Temple University (Philadelphia, USA). Marie-Lyne is a Certified Hand Therapist, specializing in injuries and conditions affecting the hand and upper limbs. She also has extensive experience working with clients with repetitive strain injuries, arthritic conditions and workplace injuries.
Fundamentals of Periodontal Surgical Therapy

Program Summary

Fundamentals of Periodontal Surgical Therapy will give the participant the opportunity to go through the diagnostic, treatment planning, and executive process of applying various surgical therapies within the realm of periodontics. After a brief introduction, a discussion about pre-surgical assessment will follow. The participants will then be introduced to their patients for the day – fresh pig jaws.

The first practical exercise will be a suturing lesson. Conceptual and technical fundamentals of the most common suturing techniques will be presented, and each participant will have the opportunity to practice them.

The remainder of the morning will focus on osseous resective surgery as relates to a mandibular crown lengthening procedure. Indications and contra-indications for this procedure will be presented, as well as a step-by-step sequence for how to execute treatment. Each participant will perform the procedure on their pig jaw. A break for lunch will follow.

In the afternoon, participants will have another opportunity to perform an osseous resective procedure, but this time it will be for a maxillary pocket reduction, as performed in the definitive treatment of periodontitis. An emphasis will be placed on the special techniques for reflecting a palatal flap, as well as incorporating a distal wedge procedure.

The last part of the course will entail a brief discussion of indications and contra-indications to augment attached gingiva via a gingival graft. Each participant will once again perform the procedure on their pig jaw.

Course Objectives

- Gain an understanding of the indications, contra-indications, and appropriate pre-surgical assessment which relate to common periodontal surgical therapies.
- Practice the technique of osseous resective surgery, as relates to both pocket reduction and crown lengthening procedures.
- Practice the technique of gingival grafting, as relates to augmenting the attached gingiva.
Implant therapy has dramatically broadened the prosthetic treatment spectrum for the completely edentulous patient experiencing retention problems with conventional dentures. Excellent long-term results have been reported using both implant-retained and implant-supported restorative modalities. This presentation reviews the current approaches to rehabilitating the edentulous jaw using dental implants. Factors critical to treatment planning will be discussed, including proper case selection, treatment sequencing, indication and selection of prosthetic design, choice of surgical protocol, number of implants required, spatial requirements, as well as cost and patient satisfaction. A step-by-step demonstration of clinical and laboratory steps will be presented, including lab-based and chair-side denture retrofitting procedures. Intra-operative complications and post-insertion maintenance recommendations will also be discussed.

The afternoon hands-on session will provide participants with the opportunity to familiarize themselves with the different procedural steps and prosthetic components related to implant-retained overdentures.

The participants will complete the following exercises:

- Measure soft tissue height, select and install appropriate Locator™ attachments abutment
- Make a final impression for an implant-retained overdenture using the Locator™ attachment system
- Retrofit an existing mandibular denture using the Locator™ attachment system
- Reline a mandibular denture using a direct pick-up technique

Samer Abi Nader
DMD, MS, FRCD(C)

Dr. Abi Nader completed his Dental Degree at the Université de Montréal in 2000. After a one-year multidisciplinary residency program at the Jewish General Hospital, he completed his training in Prosthodontics at the Université de Montréal. Currently, he is the Director of the Division of Restorative Dentistry at McGill University. In addition to his academic position, Dr. Abi Nader has lectured in numerous dental conferences. He also holds a part-time practice in Montreal, Quebec and Moncton, New Brunswick.
Dr. Michel El Hakim holds doctoral degrees in dentistry and medicine from the Université de Montréal. He later specialized in oral and maxillofacial surgery at McGill University, where he received a Master of Science degree and then received training in maxillofacial oncology and microvascular reconstruction at the University of Maryland. A Fellow in the Royal College of Dentists of Canada, he is also the Director of McGill University’s Oral and Maxillofacial Surgery honours program and has a private practice in Montreal.

Dr. Kauzman obtained his DMD from Université de Montréal in 1998. He completed his specialty training in Oral Medicine and in Oral and Maxillofacial Pathology at the University of Toronto where he obtained a Master degree in Science. He is a Fellow of the Royal College of Dentists of Canada and the current President of the Canadian Academy of Oral and Maxillofacial Pathology and Oral Medicine. Dr. Kauzman is an Associate Professor at the Faculty of Dentistry of Université de Montréal. He maintains an active private practice in Oral Medicine in Mont Royal. He is affiliated with the Notre-Dame Hospital of the CHUIM (Centre hospitalier de l’Université de Montréal).

Premalignant Lesions and Oral Cancer: What Dentists Must Know

Program Summary

Leukoplakia, Erythroplakia and Erythroleukoplakia are oral premalignant lesions that predispose to the development of Squamous Cell Carcinoma (SCC), the most common malignancy of the oral cavity. This course will prepare members of the dental team to play an active role in the diagnosis and management of these diseases.

It is well recognized that timely diagnosis greatly improves cure rates and quality of life of affected patients. Dentists are the primary health care professionals that possess the best knowledge and skills to diagnose oral premalignant lesions and SCC. Therefore, refining these skills is the best approach to improve prognosis and treatment outcome. Using clinical cases of oral premalignant lesions and SCC, speakers will underline the features that should make the clinician consider these diseases in the differential diagnosis of an oral lesion and proceed with the appropriate management including biopsy or referral.

Known risk factors (tobacco, alcohol, HPV, etc.) as well as mechanisms by which these factors predispose to the development of oral premalignant lesions and SCC will be presented. Emphasis will be made on the relationship between smoking and disease development. Practical suggestions regarding smoking cessation counselling will be presented: How can the dental team help patients quit smoking? What are the resources available for patients and healthcare providers? Which patients can use best these resources?

A large number of screening tools for oral premalignant lesions and SCC exist. Dentists are continuously solicited to include these tools in their practice. An objective review of some of the available tools will be presented in order to allow the dental team to understand their indications and their usefulness in everyday practice. Special emphasis will be made on the role of the biopsy in the definitive diagnosis of oral premalignant lesions and SCC.

Treatment of oral SCC involves surgery, radiotherapy and sometimes chemotherapy. The role of surgery as a primary treatment modality will be presented followed by a discussion on the indications of radiotherapy and chemotherapy. This course also will allow the dental team to prepare a patient for oral cancer treatment and to manage complications secondary to this treatment.

Course Objectives

- Understand the role of risk factors such as tobacco, alcohol and HPV in the development of oral premalignant lesions and oral SCC
- Participate actively in the process of smoking cessation and recognise the resources available to health care professionals and patients to achieve this goal
- Establish a diagnosis and participate actively in the management of oral premalignant lesions
- Understand the role and the clinical applications of available screening tools for oral premalignant lesions and oral SCC
- Allow the dental team to participate actively in the preparation of patients undergoing treatment for oral SCC and in the management of complications secondary to this treatment
- Interact with an oral cancer survivor and understand the patient’s perspective
Advanced Periodontal Surgery

Program Summary

Advanced Periodontal Surgery will give the participant the opportunity to go through the diagnostic, treatment planning, and executive process of applying various advanced surgical therapies within the realm of periodontics. After a brief introduction, a discussion about pre-surgical assessment will follow. The participants will then be introduced to their patients for the day – fresh pig jaws.

The morning session will focus on root coverage for treatment of recession. Indications and contra-indications for this procedure will be presented, as well as a step-by-step sequence for how to execute treatment. Treatment for both single and multiple contiguous recessions will be shown. Techniques employing both autogenic and xenogenic soft tissue grafts will be covered. Each participant will perform the procedures on their pig jaw. A break for lunch will follow.

In the afternoon, participants will be learning about ridge preservation following dental extraction. Indications and contra-indications for ridge preservation will be presented, as well as how to pre-operatively predict the more challenging cases and necessary surgical approaches for each individual case. Emphasis will be placed on use of particulate bone grafts and occlusive membranes. Each participant will once again perform the procedures on their pig jaw.

Course Objectives

- Gain an understanding of the indications, contra-indications, and appropriate pre-surgical assessment which relate to common periodontal surgical therapies.
- Practice the technique of root coverage, using both autogenic and xenogenic soft tissue grafts
- Practice the technique of ridge preservation following tooth extraction, using particulate bone grafts and resorbable membranes

Dr. Malkinson graduated from McGill’s Faculty of Dentistry in 2007 and went on to do an Advanced Education in General Dentistry Residency at the University of Connecticut, followed by a General Practice Residency at the University of British Columbia. He then pursued a specialty in Periodontics at Virginia Commonwealth University, where he also earned his Master’s degree for his thesis concerning the effects of esthetic crown lengthening on social perceptions. Having returned to Montreal in 2012, he is in private practice limited to Periodontics and Implantology four days a week in and around Montreal, and teaches the dental students in lectures and seminars at the McGill Faculty of Dentistry.

Sam Malkinson
DMD, Cert Perio, FRCD(C), Dip ABP

Sat 8 APR 2017
8:00am - 4:30pm
breakfast & lunch served
$799 (dentists)
ODQ CE 14
CERP CE 7

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The Use of Cone Beam Computed Tomography in Dentistry

Program Summary

Radiology plays an important role in both diagnosis and treatment planning of patients. With the introduction of Cone Beam CT (CBCT), a new era of three dimensional imaging has begun in dentistry. This three-day course in cone beam CT technology (CBCT) will include a didactic portion and a hands-on clinical portion that utilizes the CBCT unit at McGill University Faculty of Dentistry. The didactic component on Friday morning and afternoon will introduce the participants to the principles of CBCT technology and its applications. In the Saturday morning session, there will be a hands-on exercise in which the participants will be trained on how to acquire CBCT scans and how to use 3D viewer software. The Saturday afternoon and Sunday morning and afternoon sessions will continue with lectures and hands-on exercises addressed specifically to large field of view participants.

Course Objectives

- Understand the operating principles of CBCT equipment
- Gain experience in preparing and applying CBCT examination protocols
- Learn the indications and contra-indications for CBCT examinations
- Learn to utilize 3D viewer software to visualize CBCT images

Didem Dagdeviren
DDS, MSc, PhD

Dr. Dagdeviren received her DDS from Hacettepe University (Turkey) in 2009 and obtained her PhD at the same institution in 2014. In 2016, she completed her specialty training in Oral and Maxillofacial Radiology combined with Master of Dental Science at the University of Connecticut. Currently, Dr. Dagdeviren is an Assistant Professor at McGill University.

Fri-Sat 21-22 APR
8:00am - 4:30pm/8:00am - 12pm
Small field CBCT
$899 (dentists)

Fri-Sat-Sun 21-22-23 APR
8:00am - 4:30pm each day
Small & Large field CBCT
$1799 (dentists)

Sat-Sun 22-23 APR
1:00pm - 4:30pm/8:00am - 4:30pm
Large field (only) CBCT*
$899 (dentists)
*Must have attended small field CBCT within the last yr

ODQ CE
Small field 15
Small & Large field 30

Limited to 15 participants

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Program Summary

There is no larger frustration than complications or failures in our treatment. When we combine the narratives "art and science", one must think of the skill set necessary to fabricate predictable and long lasting indirect restorations. Successfully treating our patients with fixed prosthodontics mandates that we have a comprehensive understanding of not only occlusion and materials, but also a mastery of mechanical concepts and a healthy respect for the remaining tooth structure.

There is no other field in dentistry where real improvement in outcomes can be directly attributed to attention to detail and execution. Just as important as technical improvements are in restorative care, we must develop an awareness of all the interactions of the choices we make; use of the appropriate restorative instruments, creating a blue print with a diagnostic wax up and carrying that design through patient approval and provisionals, shade selection and communication, preparation and margin design, the use of a core build up or a post, as well as our luting agent selection.

At the end of the day, we cannot afford failures in our treatment. Costs lost to time, remakes and loss of patient confidence are not something we strive for.

This course will help you identify potential causes of failures so you can prevent them occurring.

Course Objectives

Back to Basics
- Understanding TMJ biomechanics
- What is “occlusion”
- Requirements for occlusal stability

Ultimate and predictable diagnosis
- Evaluation of mountings and confirming final positions for restoration
- Verification techniques for mountings and importance of condylar position
- Importance of diagnostic waxing

Arts and Crafts of Restorative Dentistry
- Provisional restorations that are true prototypes for our definitive restorations
- Understanding colour and how to communicate with the patient and the lab
- Instrument selection based on difficulty of case

The Plan is in Place: Now How Do I Do It?
- Treatment plan execution
- Clinical steps to complete extensive segmental or full moth rehabilitation
Complete Dentures

Program Summary

Complete dentures are still an excellent treatment choice for edentulous patients, restoring oral function and aesthetics favourably in many cases. Procedures and principles involved in complete denture fabrication are also essential for providing implant-assisted prostheses. This type of treatment, however, has limitations and potential for problems, which can be consequent to treatment planning, impression technique, bite registration and other steps.

In this course we will revise the main steps of the fabrication of complete dentures, address the reasons behind the most common problems and present a series of procedures to achieve predictable results.

Course Objectives

- Treatment planning.
- Patient preparation: management of lesions (i.e. denture stomatitis, hyperplasias), preparation of surgical guides for immediate dentures.
- Impression: management of unfavourable ridges (i.e. knife-edge and flabby ridges). Designing and fabricating custom trays (optimizing them for the patient), anatomy of the edentulous ridge and border molding.
- Occlusal plane and maxillomandibular relationships: common mistakes and a few tricks on how to notice and solve them.
- Tooth selection and try-in: an update in the selection of tooth shape and shade.
- Denture delivery: how to obtain a balanced occlusion, fine tune retention and minimize the need of follow-up appointments.
- Follow-up: how to manage complications and maintain the dentures.
- CAD/CAM complete dentures: the state of the art on digital impressions and computer generated dentures.
**GENERAL INFORMATION**

All registrations are processed in the order in which they are received and on a space-available basis. We suggest early registration especially for limited attendance courses and hands-on workshops. In order to secure a place in a course, a completed online registration must be received for each participant. For more information, please visit our website or contact us by phone or email. Registrations will be acknowledged electronically through email.


**Refunds and Late Registrations**

Full refunds are granted only if notification is received at least 10 business days prior to courses. If cancellation occurs less than 10 business days prior to course, a $75 fee will be withheld for processing and administrative costs. No refunds are granted for cancellations made 3 business days or less prior to the course. Course registration closes 48 hours before courses, however you may register (if space allows) by calling. A late registration fee of $75 is assessed at that time. If insufficient enrolment necessitates cancellation of a course, all tuition fees will be refunded. McGill University cannot be responsible for the refund of any part of the tuition fees as a result of emergencies, unforeseen circumstances or events beyond its control. Also, McGill University is under no obligation to reimburse participants for airline tickets, hotel reservations or any other costs incurred should the need arise to cancel or reschedule programs.

**Disclaimer**

Dental education institutions have an obligation to disseminate new knowledge related to the practice of dentistry. In so doing, some presentations may include controversial materials or commercial reference. Sponsorship of a continuing dental education course does not imply endorsement of a particular philosophy, procedure or production by this institution.

**Credits**

McGill University, Faculty of Dentistry is an ADA CERP recognized provider. Courses offer continuing education credits in accordance with guidelines of the “Ordre des dentistes du Québec”. For Quebec dentists, continuing education hours will be transferred to their ODQ continuing education file following the course. Course participants are responsible for maintaining their own records for license renewal and forwarding their course credit information to the appropriate licensure board(s) if they are not licensed in Quebec. Dental support staff and out-of-province dentists will receive a certificate of attendance indicating the credit hours awarded.

**Guest Wi-Fi**

We encourage you to bring your computer or mobile device. Complimentary Wi-Fi access is offered to our participants.

**Equipment**

Participants are encouraged to bring their magnifying loupes and/or protective eyewear for hands-on workshops.

**Contacts**

Nareg Apelian  Director  nareg.apelian@mcgill.ca
Chantal Desjardins  Program Administrator  chantal.desjardins2@mcgill.ca  (514)398-3116
Location

Unless otherwise indicated, all courses are held at our new facility which is located at 2001 McGill College Ave., Montreal, QC H3A 1G1. Courses will generally be held on the first floor of our facility. We are located footsteps away from the McGill Metro station. Weekend/evening (after 4pm) parking rates in our building are currently $6. Weekday parking is $19.50 per day. Parking entrance is on Victoria Street at the corner of President Kennedy Avenue.

New Facility Tours

Participants of our courses are invited to discover our new state-of-the-art facilities by taking a guided tour. The Faculty recently moved into a new teaching and learning facility, created to optimize interaction within our community of clinicians, students and faculty members. While you are on the premises, we encourage you to come and tour the facility, home to 56 dental operatories, a multimedia surgical suite, a radiology suite, an active learning classroom and a pre-clinic laboratory equipped with 40 patient simulators. To sign up for a tour, please contact us at rsvp.dentistry@mcgill.ca

McGill University 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. Concerns or complaints about a CE provider may be directed to the provider or to the Commission for Continuing Dental Education Provider Recognition at ADA.org/CERP