The Art of Dentistry

Expand your knowledge, hone your skills and push your limits.

College of Dentistry and School of Dental Hygiene
# Framing Your Future

Continuing Professional Development Calendar for Dentistry and Dental Hygiene

## FALL 2016

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<th>Date</th>
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<th>Instructor(s)</th>
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<tr>
<td>August 30</td>
<td>Reducing Pericrestal Bone Resorption after Implant Loading</td>
<td>Dr. Adriano Piattelli (Lecture/St. Charles Country Club, evening)</td>
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<tr>
<td>September 24</td>
<td>2nd Annual Clinical Update for the Dental Team</td>
<td>Drs. Barczak, Brownlee, Cholakis, Lekic, Schönwetter, Todescan (Lecture)</td>
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<td>October 29</td>
<td>In Pursuit of Clinical Excellence: A Special Program for Dental Hygienists</td>
<td>Mary Bertone and other members of the School of Dental Hygiene (Lecture &amp; hands-on)</td>
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<td>November 18-20</td>
<td>Local Anesthetic Techniques for Dental Hygienists</td>
<td>Diane Girardin and other members of the School of Dental Hygiene (Lecture &amp; hands-on)</td>
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<td>December 2-4</td>
<td>Cone Beam Radiology Technique and Interpretation Certification</td>
<td>Drs. Brownlee, Fife (Lecture &amp; hands-on)</td>
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## WINTER/SPRING 2017

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<th>Date</th>
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<tr>
<td>January 14</td>
<td>Advanced Removable Partial Denture Designs</td>
<td>Drs. Pesun and Barczak (Lecture &amp; hands-on)</td>
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<td>Feb 10-11</td>
<td>Dental Management of Snoring and Obstructive Sleep Apnea</td>
<td>John Nadeau and Dr. Jeff W. Horowitz (Lecture &amp; hands-on)</td>
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<td>March 11</td>
<td>Oral Surgery for the General Dentist: Mini Lecture and Hands-On Workshop</td>
<td>Drs. Elgazzar, McFadden, Blight and Dalgliesh (Lecture &amp; hands-on)</td>
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<tr>
<td>April (dates TBD)</td>
<td>Local Anesthetic Techniques for Dental Hygienists</td>
<td>Diane Girardin and other members of the School of Dental Hygiene (Lecture &amp; hands-on)</td>
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<tr>
<td>May 27</td>
<td>Digital Diagnosis and Smile Design: Hands-On Digital Planning</td>
<td>Drs. Cholakis and Viquez (Lecture &amp; hands-on)</td>
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<tr>
<td>June (dates TBD)</td>
<td>Restorative Techniques for Dental Hygienists</td>
<td>Diane Girardin, Dr. Haimeur and Staff (Lecture &amp; hands-on)</td>
</tr>
</tbody>
</table>

Tailored instruction. High instructor-to-student ratios ensures individual learning needs are addressed.
Dear Dedicated Learners:

In contemplating what the next year of continuing dental education courses should look like, our team did some serious brainstorming. The theme that unanimously emerged was ‘The Art of Dentistry’. We know that dentistry is as much an art form as it is a science. Beyond creating the perfect crown, or flawlessly planing root surfaces, the art of patient communication, the art of building a highly productive team, and the art of managing your practice are also important. For our 2016-2017 programming, we hope you will see how the art of dentistry is interwoven throughout the course offerings.

We are pleased to share the line-up of experts and programs for this next year. The topics are diverse, and experts from the faculty in the College of Dentistry, as well as experts external to the University of Manitoba, will be presenting programs that include hands-on components. I think you’ll see some exciting and long-overdue courses.

We strive to provide continuing education programs that address the needs of Dentists, Dental Hygienists and Dental Assistants. To that end, I welcome your feedback on courses, and appreciate the input of learners in helping us chose speakers and topics for future programming. Please email me directly at casey@caseyhein.com.

I look forward to seeing you in the Fall.

To universal health,

Casey Hein, BSDH, MBA
Director; CPD Dentistry & Dental Hygiene, Director of Education; International Center for Oral-Systemic Health, Rady Faculty of Health Sciences, University of Manitoba
Adriano Piattelli, MD, DDS
Full Professor of Oral Pathology and Medicine; Department of Medical, Oral and Biotechnological Sciences, Dental School, University of Chieti-Pescara, Italy

Join us for the first of an annual series of dinner programs designed to share new scientific evidence, and discuss controversial topics and emerging technologies in dentistry. At this first program, Dr. Piattelli will discuss accumulating evidence that suggests that after implant loading there is resorption of the peri-implant bone of about 1.5-1.6 mm in the first year and of about 0.2 mm/year thereafter. The precise cause of this resorption is still not completely known, but the presence of bacteria at the Implant-Abutment Junction could play an important role. It has been demonstrated that, in screw-retained implant-abutment connections, there are voids (micro-gaps) that can be colonized by bacteria. At the end of the program, participants should be able to identify ways of reducing pericrestal bone resorption after implant loading.

TUESDAY, AUGUST 30TH, 2016

REDUCING PERICRESTAL BONE RESORPTION AFTER IMPLANT LOADING
1.5 HOURS CDE CREDIT
FEE: DENTIST $120

Adriano Piattelli, MD, DDS
Full Professor of Oral Pathology and Medicine; Department of Medical, Oral and Biotechnological Sciences, Dental School, University of Chieti-Pescara, Italy

Join us for the first of an annual series of dinner programs designed to share new scientific evidence, and discuss controversial topics and emerging technologies in dentistry. At this first program, Dr. Piattelli will discuss accumulating evidence that suggests that after implant loading there is resorption of the peri-implant bone of about 1.5-1.6 mm in the first year and of about 0.2 mm/year thereafter. The precise cause of this resorption is still not completely known, but the presence of bacteria at the Implant-Abutment Junction could play an important role. It has been demonstrated that, in screw-retained implant-abutment connections, there are voids (micro-gaps) that can be colonized by bacteria. At the end of the program, participants should be able to identify ways of reducing pericrestal bone resorption after implant loading.
SATURDAY, SEPTEMBER 24TH, 2016

2ND ANNUAL CLINICAL UPDATE FOR THE DENTAL TEAM

5 HOURS CDE CREDIT
FEE: DENTIST $200; DENTAL HYGIENIST $100; DENTAL ASSISTANTS / OTHER $50

Introduction to Digital Removable Prosthodontics
Michael Barczak, DMD, MSc, FRCD(C)
Lecturer; Department of Restorative Dentistry,
College of Dentistry, Rady Faculty of Health Sciences,
University of Manitoba

Cone Beam Computed Tomography: Indications and Applications
Meredith Brownlee, BSc, DMD, MDS, (OMFR), FRCD(C), Dip. ABOMR
Assistant Professor;
Division Head; Oral & Maxillofacial Radiology
Department of Dental Diagnostics and Surgical Sciences,
College of Dentistry, Rady Faculty of Health Sciences,
University of Manitoba

Socket Preservation: When Should It Be Done and Why?
Anastasia Kelekis-Cholakis, BA, DMD, Dip. Perio, FRCD(C)
Associate Professor; Head; Division of Periodontics,
Graduate Director of Periodontology,
Department of Dental Diagnostics and Surgical Sciences,
College of Dentistry, Rady Faculty of Health Sciences,
University of Manitoba

Alleviating Children’s Anxiety in the Dental Setting
Charles Lekic, DDM, MSc, PhD, FRCD(C)
Professor; Division Head; Pediatric Dentistry,
Director; Master of Dentistry-Pediatric Dentistry Graduate Program,
College of Dentistry, Rady Faculty of Health Sciences,
University of Manitoba

What Can We Learn from Our Patients?
Dieter J. Schönwetter, BTh, BA, MA, PhD
Associate Professor;
Director; Educational Resources and Faculty Development,
College of Dentistry, Rady Faculty of Health Sciences,
University of Manitoba

Occlusal Splints, Bruxism and Sleep Breathing Disorders: Are They Related?
Reynaldo Todescan Jr., DDS, MSc, PhD, Dip. Pros
Associate Professor; Department of Restorative Dentistry,
College of Dentistry, Rady Faculty of Health Sciences,
University of Manitoba

This is the second year that the College of Dentistry has hosted this special program specifically developed for the entire dental team. Last year’s inaugural program was a resounding success. Coinciding with alumni weekend activities, this program debuts a potpourri of short, yet powerful presentations given by faculty experts. The course provides an excellent opportunity for the entire dental team to learn about some of the latest clinical techniques, new technologies, significant research, and trends in oral healthcare. An informal brunch will allow participants the chance to network with colleagues and build new professional relationships.
SUNDAY, NOVEMBER 20TH, 2016

IN PURSUIT OF CLINICAL EXCELLENCE: A SPECIAL PROGRAM FOR DENTAL HYGIENISTS
UP TO 12 HOURS CDE CREDIT
FEE: DENTAL HYGIENISTS $295

Mary Bertone, RDH, BSc (DH), MPH
Assistant Professor; Director; School of Dental Hygiene, College of Dentistry, Rady Faculty of Health Sciences, University of Manitoba

and other Members of the School of Dental Hygiene

During this case-based, fast-paced, interactive and thought-provoking full-day course, participants will examine a ‘day-in-the-life’ of a dental hygienist with quality improvement as the driver. The day begins with critical thinking about dental hygiene care plans specific to patients with diabetes or prediabetes. Throughout the day, participants will critique and refine clinical interventions, including medical history review and proper record-keeping procedures, and get hands-on experience in performing intra- and extra-oral examinations, periodontal instrumentation, caring for dental implants, and ergonomic strategies to ensure the health of the practitioner. In order to fully engage in the program, participants will be given the opportunity to read key articles and complete a guided worksheet, several weeks before the course. Those who complete these pre-course activities may be eligible for up to 12 hours toward continuing competency requirements.

This course is in conjunction with the Manitoba Dental Hygienists Association

SATURDAY, OCTOBER 29TH, 2016

LOCAL ANESTHETIC TECHNIQUES FOR DENTAL HYGIENISTS
45 HOURS CDE CREDITS
FEE: DENTIST HYGIENIST $1,395

Diane Girardin, RDH
Course Director and Instructor for Local Anesthetic Course for Dental Hygienists; Instructor; School of Dental Hygiene, College of Dentistry, Rady Faculty of Health Sciences, University of Manitoba

and other Members of the School of Dental Hygiene

This course will prepare dental hygienists to become competent in the administration of both block and infiltration local anesthesia. Emphasis is placed on the mechanisms of pain and a thorough understanding of the pharmacology of drugs used in dentistry and their interactions with the patient’s current medical conditions and medications. The course has a self-study component which occurs prior to the three-day workshop. Following a review of the information included in the self-study materials, participants will complete a pre-clinical examination which has a passing grade of 70 per cent. During Days 2 and 3, participants will receive over-the-shoulder coaching as they administer local anesthesia on each other. Upon successful completion of the clinical competency examination at the end of the program, participants will be issued a certificate of completion.

This course is in conjunction with the Manitoba Dental Hygienists Association
FRIDAY, DECEMBER 2ND TO SUNDAY, DECEMBER 4TH, 2016

CONBEAM RADIOLOGY TECHNIQUE AND INTERPRETATION CERTIFICATION
18 HOURS CDE CREDIT
FEE: DENTIST $2,490

Meredith Brownlee,  
BSc, DMD, MDS, (OMFR), FRCD(C), Dip. ABOMR  
Assistant Professor;  
Division Head; Oral & Maxillofacial Radiology,  
Department of Dental Diagnostics and Surgical Sciences,  
College of Dentistry, Rady Faculty of Health Sciences,  
University of Manitoba

Ingvar A. J. Fife, PhD, CRadP, CSci, MIPEM  
Head; Radiation Protection and Imaging Physics,  
Medical Physics, CancerCare Manitoba;  
Adjunct Professor; Physics and Astronomy,  
Assistant Professor; Radiology,  
Max Rady College of Medicine,  
Rady Faculty of Health Sciences,  
University of Manitoba

For general dentists and dental specialists alike, the emerging world of three-dimensional imaging can be an overwhelming, yet exciting venture. Incorporating this technology into the dental practice can prove to be a challenge, yet can also reward the practitioner with the advantages of visualizing regions of interest without distortion or superimposed anatomical structures.

This three-day certification course in cone beam computed tomography (CBCT) will include a didactic portion and a hands-on clinical portion that utilizes the CBCT in the Ross McIntyre Digital Imaging Centre at the College of Dentistry. The didactic component will span Friday and Saturday, in both the morning and afternoon sessions, and will thoroughly explore the principles of CBCT imaging technology. This broad scope of topics will educate professionals in the realm of oral radiology and the use of the CBCT in their practice, as well as emphasize the responsibilities of the clinician inherent in utilizing this imaging modality.

The Saturday morning session will encompass an interpretation seminar with discussion of patient cases. In the afternoon, the attendees will be split into two separate groups that will each gain experience exposing a CBCT image, as well as a mini-seminar on the manipulation of the images in the third-party 3D software.
ADVANCED REMOVABLE PARTIAL DENTURE DESIGNS
6 HOURS CDE CREDIT
FEES: DENTIST FULL DAY $450; LECTURE ONLY (AM) $200

Igor J. Pesun, DMD, MS, FACP, FRCD(C) FICD(C)
Associate Professor; Head, Division of Prosthodontics,
Department of Restorative Dentistry,
College of Dentistry, Rady Faculty of Health Sciences,
University of Manitoba

Michael Barczak, DMD, MSc, FRCD(C)
Lecturer; Department of Restorative Dentistry,
College of Dentistry, Rady Faculty of Health Sciences,
University of Manitoba

This program is for practitioners who wish to incorporate the latest concepts and materials into their practice when restoring the partially-edentulous patient. Considering all of the options available to restore missing teeth for patients, the use of removable partial dentures is still one of the most popular methods, due to its relatively-low cost. This hands-on program will provide the dentists an opportunity to review the concepts for removable partial dentures, and introduce more esthetic designs and the use of dental implants and attachments for their patients. The program will review diagnosis, treatment planning, patient evaluation, implant usage and advanced designs for removable partial dentures.

During the hands-on sessions, various cases will be provided to allow for instruction on the design of removable partial dentures using these advanced techniques. During the hands-on laboratory sessions held at the College of Dentistry, participants will design advanced prosthesis. Please note: We encourage participants to bring cases of their own for discussion.

Hands-on experience. Laboratory components and live patient care allow for more effective over-the-shoulder coaching that helps course participants master challenging clinical techniques in a learner-centred environment.
It has been estimated that 3 out of 10 people suffer with sleep apnea; the consequences of which are serious. Of all healthcare providers, dentists are perhaps best positioned to intervene. This two-day course, presented by experts from the U.S.-based Sleep Group Solutions, debuts the first program on dental sleep medicine in Manitoba. Day 1 will include lectures on sleep as it relates to breathing and dentistry, sleep states, parasomnias, vocabulary and terminology related to sleep apnea, as well as detailed information on co-morbidities and the clinical steps involved in screening and diagnosis of obstructive sleep apnea.

During the hands-on component on Day 2, leaners will participate in a home sleep test (i.e., polysomnogram). Dentists will leave the course with a complete understanding of available treatment options and regulations related to when one therapy may be more or less appropriate than another, oral appliance variations and pro's/con's/indications for use for each sub-type of oral appliance.

Upon completion of the program, participants should be able to implement a clinical treatment model including diagnostic records, treatment records/documentation, bite registration techniques, appliance delivery steps, as well as short- and long-term care requirements. This is a MUST-attend program for dentists who are curious about the role they play in the intervention of sleep apnea, or for those who are considering implementing protocols for the identification and treatment of sleep apnea.
SATURDAY, MARCH 11TH, 2017

ORAL SURGERY FOR THE GENERAL DENTIST: MINI LECTURES AND HANDS-ON WORKSHOP
6 HOURS CDE CREDIT
FEE: DENTIST FULL DAY $450; LECTURE ONLY (AM) $200

Reda Elgazzar, BDS, MSc (OMS), PhD (OMS), RCDC (C), RCPS (Glasg.)
Associate Professor; Oral and Maxillofacial Surgery,
Department of Dental Diagnostics and Surgical Sciences,
College of Dentistry, Rady Faculty of Health Sciences,
University of Manitoba

Leland R. McFadden, DDS, MSc, FRCD(C)
Assistant Professor; Oral and Maxillofacial Surgery,
Department of Dental Diagnostics and Surgical Sciences,
College of Dentistry, Rady Faculty of Health Sciences,
University of Manitoba

Tim Blight, DDS, FRCD(C)
Private Practice; Winnipeg, Manitoba, Canada

Blair Dalgliesh, BSc, DMD, M Dent, FRCD(C)
Lecturer; Oral and Maxillofacial Surgery,
Department of Dental Diagnostics and Surgical Sciences,
College of Dentistry, Rady Faculty of Health Sciences,
University of Manitoba

Oral and maxillofacial surgeons typically engage in- and represent the community standard in certain areas of facial trauma, facial deformity correction, reconstructive facial surgery, temporomandibular joint management and surgery, head and neck infections, and management of pathologies. However, the general dental practitioner should be competent in performing basic surgical procedures which commonly occur in their practice settings. Due to anesthetic concerns, past experiences with surgical complications, or lack of training, many general practitioners hesitate to perform even basic oral surgery procedures.

This innovative, hands-on course will focus on helping general dentists develop or refine essential skills that are critical for successful performance of oral-surgical procedures. The program includes mini-lectures on oral surgery topics that are relevant to the general practitioner, and a hands-on component using animal models. Faculty experts will demonstrate techniques and then guide participants in improving their own skills. Upon completion, course participants should be more surgically competent and be able to apply these improved skills into everyday patient care with confidence.

Responsiveness to current and emerging needs. Innovative courses are delivered by world-class experts who have unique insights on the learning needs of oral healthcare providers.
APRIL 2017; DATES TO BE DETERMINED

LOCAL ANESTHETIC TECHNIQUES FOR DENTAL HYGIENISTS
45 HOURS CDE CREDITS
FEE: DENTAL HYGIENISTS (TO BE DETERMINED)

Diane Girardin, RDH
Course Director and Instructor for Local Anesthetic Course for Dental Hygienists; Instructor; School of Dental Hygiene, College of Dentistry, Rady Faculty of Health Sciences, University of Manitoba

and other Members of the School of Dental Hygiene

(See description of course on November 18-20, 2016)

SATURDAY, MAY 27TH, 2017

DIGITAL DIAGNOSIS AND SMILE DESIGN: HANDS-ON DIGITAL PLANNING
6 HOURS CDE CREDIT
FEE: DENTIST FULL DAY $450; LECTURE ONLY (AM) $200

Anastasia Kelekis-Cholakis, BA, DMD, Dip. Perio, FRCD(C)
Associate Professor; Head; Division of Periodontics, Graduate Director of Periodontology; Department of Dental Diagnostics and Surgical Sciences, College of Dentistry, Rady Faculty of Health Sciences, University of Manitoba

Jose D. Viquez, DDS, Cert. Prosth., FRCD(C)
Private Practice; Winnipeg, Manitoba, Canada

In this morning presentation practitioners will be introduced to a step by step protocol on digital diagnosis and smile design. All the basic steps and tools will be presented in order to facilitate the everyday practice implementation of this technology. In the afternoon participants will apply the protocol on hands a module using their own equipment, cameras and laptop computers.

Commitment to science. Courses are developed using the latest scientifically-supported information.
These activities have been planned and implemented in accordance with the standards of the Academy of General Dentistry Program Approval for Continuing Education (PACE) through the joint program provider approval of Casey Hein & Associates and the College of Dentistry, University of Manitoba. Casey Hein & Associates is designated as an Approved PACE Program Provider by the Academy of General Dentistry. The formal continuing education programs of this program provider are accepted by the AGD for Fellowship, Mastership and membership maintenance credit. Approval does not imply acceptance by a state or provincial board of dentistry or AGD endorsement. The current term of approval extends from December 1, 2015 to November 30, 2019. Provider #337890

Casey Hein, BSDH, RDH, MBA
Director; CPD Dentistry & Dental Hygiene,
Director of Education;
International Center for Oral-Systemic Health,
Rady Faculty of Heath Sciences,
University of Manitoba

CONTACT:
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Program Coordinator – Dentistry & Dental Hygiene,
Division of Continuing Professional Development,
Rady Faculty of Heath Sciences,
University of Manitoba
Phone: 204-789-3562 | Fax: 204-789-3911
Email: Laura.Friesen@umanitoba.ca

JUNE 2017; DATES TO BE DETERMINED

RESTORATIVE TECHNIQUES FOR DENTAL HYGIENISTS

110 HOURS CDE CREDIT
FEE: DENTAL HYGIENIST (TO BE DETERMINED)

Diane Girardin, RDH
Course Director and Instructor for Local Anesthetic
Course for Dental Hygienists;
Instructor; School of Dental Hygiene,
College of Dentistry, Rady Faculty of Health Sciences,
University of Manitoba

Asmaa Haimeur, DMD, MPHc
Assistant Professor; Operative Dentistry,
Department of Restorative Dentistry,
College of Dentistry, Rady Faculty of Health Sciences,
University of Manitoba

and other Members of the College of Dentistry
and the School of Dental Hygiene

Participants of this course, which has been designed specifically for dental hygienists, will acquire the necessary knowledge and skills to place technically-sound dental restorations. This three-week course is comprised of lectures and lab work during the first week, followed by a two-week, hands-on clinical experience. Prior to course participation, registrants must complete a six-week, self-study program using the required textbook and laboratory manual. Participants will be evaluated on this material prior to engaging in classroom and clinical activities at the University of Manitoba. Prepared model teeth will be shipped to course registrants at least six weeks prior to course participation, with the expectation that students will practice restorative techniques using the armamentarium and supplies available in their usual practice settings. On the first day of class, students will submit their restored models for evaluation. Students of this course will be evaluated for both their theoretical knowledge (in an exam which has a passing grade of 70 per cent) and clinical competency in placing acceptable dental restorations.