CROWN IN A DAY: DIGITIZED INTRAORAL SCANNING, COMPUTER-AIDED DESIGN AND IN-OFFICE MILLING IN RESTORATIVE DENTISTRY

FRIDAY, JANUARY 12 & SATURDAY, JANUARY 13, 2018

Room 204 | Brodie Centre | 727 McDermot Avenue | Bannatyne Campus | University of Manitoba
**COURSE OVERVIEW:**

The introduction of intraoral scanners (IOS), and computer-aided design and manufacturing (CAD/CAM) has changed the way we perform restorative dentistry. This course introduces digitized scanning technology, computerized design and on-site milling for restoration of single teeth.

Lectures will focus on the practical application of digital workflow, including tooth preparation, material selection and components of the system (i.e., scanner, design centre, and milling).

The majority of the course concentrates on participants’ hands-on experience to help dentists integrate CAD/CAM dentistry into their practice. During the first day, participants will scan, design, and mill all-ceramic restorations prepared on dentoforms or cases participants bring to fabricate for their patients. In the morning of the second day, instructors will discuss refining and staining the milled restoration and review cementation procedures with different materials. The afternoon session will conclude in the clinic where participants will have the opportunity to explore a number of scanning technologies from different companies. This will allow participants to see which scanner is best suited for their practices.

**Special Note:**

We encourage the participants to bring their own cases of inlays, onlays, and single crowns for patients whose teeth are shade A2. Participants must bring the casts for the case. This includes the master cast of the tooth preparation, the opposing cast and bite registrations. Participants will have the opportunity to perform all the requisite procedures to leave the program with a final restoration that can be delivered to patients.

This program will be of interest to Dentists with Dental Assistants.

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**LEARNING OBJECTIVES:**

Upon completion of this course, participants will be able to:

- Perform intraoral scanning in preparation for computerized design of teeth using a number of intraoral scanners from several different manufacturers
- Evaluate tooth preparations for CAD/CAM success
- Scan prepared teeth from prepared models
- Define margins in the software
- Design single (multiple) crown restorations
- Mill and evaluate restorations
- Refine, stain/glaze and polish finished crown restorations
- Learn about available restorative materials for CAD/CAM
- Understand how to integrate CAD/CAM into the dental office
AGENDA:

DAY 1
January 12, 2018
0800–0830  Registration and Continental Breakfast
0830–0840  Welcome and Introductions
0840–1000  Tooth Preparations for CAD/CAM Restorations and Scanning Techniques
1000–1030  Stretch Break
1030–1230  Hands-On Workshop: Crown Imaging Technique
1230–1300  Lunch and Networking
1300–1400  CAD/CAM Design and Preparation for Milling
1400–1430  Stretch Break
1430–1700  Hands-On Workshop: Crown Design and Mill

DAY 2
Saturday, January 13, 2018
0800–0830  Continental Breakfast
0830–0915  CAD/CAM Materials
0915–1000  Refine and Stain Techniques
1000–1030  Stretch Break
1030–1200  Hands-On Workshop: Refine and Stain
1200–1300  Luncheon and Networking
1300–1630  Clinical Workshop: Scanning
1630–1700  Wrap-Up and Questions

INSTRUCTORS:

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REFUND POLICY
Registrants can receive a refund provided they give written notice no later than fourteen (14) days prior to the event. An administration fee of $100 will be retained to cover staff costs of processing refunds and other costs associated with cancellations.

The University of Manitoba reserves the right to cancel or postpone any educational program due to an insufficient number of registrations. The decision to cancel will normally be made at least fourteen (14) days prior to the program date. Each registrant will be notified by email and provided with a full refund of all registration costs. The University of Manitoba is not liable for any loss, damages or other expenses that such cancellations may cause, including, but not limited to, non-refundable airline fares, hotel penalties or lost income.

ACCESSIBILITY
The University of Manitoba is committed to accessibility for persons with disabilities. To request accommodations, contact Laura Friesen at Laura.Friesen@umanitoba.ca in advance of your program.

DISCLOSURE OF CONFLICTS OF INTEREST
In keeping with accreditation guidelines, instructors participating in our programs are required to disclose to the audience any involvement with industry or other organizations that may potentially influence the presentation of the educational material. Dr. Igor Pesun discloses that Patterson Dental Company/DENTSPLY Sirona and PLANMECA have made a contribution to academic programming in the College of Dentistry at the University of Manitoba.

STUDY CREDITS
This course is designated for up to 14.0 hours of Continuing Dental Education credits

This activity has 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 and Associates and the College of Dentistry, University of Manitoba. Casey Hein and 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 ID# 337890 AGD Code 497

FRIDAY, JANUARY 12 & SATURDAY, JANUARY 13, 2018
14 HOURS CDE CREDIT
REGISTRATION FEE:
Per session/event price:
Dentists - $995 CAD
Dental Assistants - $795 CAD

REGISTRATION DEADLINE:
January 5, 2018

Enrollment is limited!

The College of Dentistry at the University of Manitoba wants to thank Planmeca, Henry Schein, Ivoclar, Dentsply Sirona and Patterson Dental for an unrestricted educational grant to help support this program.

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