



THE UNIVERSITY OF BRITISH COLUMBIA

Faculty of Dentistry
Continuing Dental Education

DE9361

TRAVEL & LEARN

UBC ANNUAL SPRING BREAK SYMPOSIUM 2020

An Interdisciplinary Program

MARCH 23 - 27, 2020
FAIRMONT KEA LANI RESORT, **MAUI**



Sponsored by The University of British Columbia Division of Orthodontics and Continuing Dental Education



REGISTER ONLINE: WWW.DENTISTRY.UBC.CA/CDE/TRAVEL-AND-LEARN

MONDAY, MARCH 23, 2020

8:00 AM - NOON

The Essentials to Managing Medical Emergencies in the Dental Office

Dr. Raymon Grewal

Medical emergencies in the dental office can and do happen.

Approximately 90% of dentists have encountered a medical emergency in their office in a 10 year period. If managed properly, the outcome is usually fairly positive. If mismanaged, the outcome can be disastrous. It is best to be prepared to prevent an emergency from happening. But should one occur, it is crucial for the dental team to accurately and rapidly recognize, diagnose, and treat the emergency.

LEARNING OBJECTIVES

- Understand and implement the ABCD principles in emergency situations
- Understand the pathophysiology of cardiovascular, respiratory, and neurological diseases
- Identify clinical signs and symptoms of medical emergencies
- Safely and effectively manage emergencies in a timely manner
- Review the necessary medications and equipment needed to manage emergencies



TUESDAY, MARCH 24, 2020

8:00 AM - NOON

The Medically Compromised Patient: What You Need to Know in Your Dental Practice

Dr. Raymon Grewal

As the population ages and as advances in medicine continue to progress, dentists will increasingly encounter more medically complex patients in their office. Understanding the pathophysiology of the conditions that your patients have and being familiar with the manner in which they are being treated is imperative. These patients can be challenging but with the appropriate knowledge and background they can be treated in a safe and effective manner.

LEARNING OBJECTIVES

- Review the pathophysiology of disease of common medical conditions
- Become familiar with the medications used and other treatment modalities for these diseases
- Recognize the implications of the medical condition on the dental treatment to be rendered
- Identify and manage dental complications that may be related to the medical condition



RAYMON GREWAL, DMD, earned his Bachelor of Science degree from McGill University and his Doctorate of Dental Surgery from Columbia University in New York City. Upon graduation in 2001, he went on to pursue an additional four years of training in Oral and Maxillofacial Surgery at Yale University. He is an Assistant Clinical Professor at the University of British Columbia and also serves as the Head of Oral and Maxillofacial Surgery at BC Children's Hospital and as an attending surgeon at Lion's Gate Hospital. He maintains a full time private practice in Vancouver where he practices the comprehensive scope of Oral and Maxillofacial Surgery. Dr. Grewal is active in organized dentistry as he is the Immediate Past President of the BC Dental Association and the current President of the BC Association of Oral and Maxillofacial Surgeons.

THURSDAY, MARCH 26, 2020
8:00 AM - NOON

Are You Still in the Stone Age? Get Digital with 3D Printing

Dr. Christopher S. Riolo

The introduction of intraoral scanning in the orthodontic clinic has resulted in an inevitable transition from analog to digital orthodontic workflow. This transition to digital orthodontics offers opportunities to add value to the care we offer our patients. In this lecture I will present a review of technology and digital workflow for the plasterless orthodontic office including; 3D printing technology, STL editing applications associated with 3D printing as well as the workflow and equipment required to transition specific tasks in the orthodontic office from an analog workflow. These tasks include orthodontic appliance fabrication using printed models such as thermoform retainers, fabrication of "Soldered" appliances, indirect bonding techniques using digital models and interdisciplinary treatment planning using mounted digital setups. We will conclude the session with an introduction to the workflow associated with the fabrication of in-house custom appliances and a glimpse of one possible future for the orthodontic office.

LEARNING OBJECTIVES

- Describe the basic technology involved in orthodontic 3D printing
- Recognize the differences between various printers used in orthodontics today
- Discuss the workflow options required to implement 3D printing in an orthodontic office
- Explain how in-house workflow can add value to the care we offer our orthodontic patients
- Identify the 3 types of software involved in the fabrication of in-house aligners

FRIDAY, MARCH 27, 2020
8:00 AM - NOON

Take Control of Your Workflow with "In-House" Aligners

Dr. Christopher S. Riolo

Innovations in technology are disrupting the orthodontic profession. These changes affect both clinical care and the economics of care delivery. Digital technology has made custom orthodontic appliances like Clear Aligners possible and the disruption of the orthodontic marketplace we are experiencing due to the "direct to patient care" model is a direct result of the advent of these custom orthodontic appliances. This same digital technology that makes the corporate direct to patient care model possible offers orthodontists opportunities to improve the care we offer our patients by taking control of our workflow through 3D printing and "in-house" fabrication of clear aligners. There are a myriad of decisions to be made when fabricating and delivering in-house aligners to our patients. In this session we will discuss the strengths and weaknesses of various aligner staging platforms. We will also introduce the important factors in aligner fabrication and integration into your practice, including cost, staging parameters, labeling, packaging and branding of your "in-house" aligners.

LEARNING OBJECTIVES

- Identify the strengths and weakness of various aligner staging software
- Recognize the important factors in effective aligner staging.
- Describe the workflow associated with fabrication and delivery of in-house aligners
- Explain how in-house aligner workflow can be customized to your orthodontic practice
- Recognize the importance of developing effective packaging and brand for your "in-house" aligner system



Christopher S. Riolo, DDS, MS, PhD, received his DDS from the University of Michigan. He received his Specialty Certificate and MS in Orthodontics at the University of Detroit Mercy. He subsequently returned to the University of Michigan where he completed a PhD in Epidemiology from the School of Public Health. Dr Riolo is a diplomate of the American Board of Orthodontics and an affiliate member of the Angle Society. He maintains a completely digital private practice consisting of 95% adult patients; emphasizing the use of lingual appliances and in-house clear aligners to provide aesthetic orthodontic treatment options to this adult patient population. Dr Riolo publishes and lectures on topics related to lingual orthodontics, 3D printing and orthodontic digital workflow. He is an affiliate associate professor at the University of Washington where he is course director of the interdisciplinary seminar and interdisciplinary clinic segment.

REGISTRATION INFORMATION

16 HOURS OF INSTRUCTION

SYMPOSIUM SCHEDULE

MONDAY	8:00 AM - NOON	The Essentials to Managing Medical Emergencies in the Dental Office
TUESDAY	8:00 AM - NOON	The Medically Compromised Patient: What You Need to Know in Your Dental Practice
WEDNESDAY	Day off to enjoy the many adventures that await on Maui!	
THURSDAY	8:00 AM - NOON	Are You Still in the Stone Age? Get Digital with 3D Printing
FRIDAY	8:00 AM - NOON	Take Control of Your Workflow with "In-House" Aligners

Please join us on Monday evening for the Welcome Cocktail Reception, 5:30 pm - 7:00 pm.

SYMPOSIUM FEES

Dentists	\$1250
CDA/RDH/ Technicians/ Office Staff/ Auxiliary	\$750

Includes a seminar kit, continental breakfasts, breaks, and relevant course materials.

LOCATION & TRAVEL INFORMATION

Fairmont Kea Lani Resort

Special hotel reservations at the Fairmont Kea Lani Resort have been arranged for course participants that are not available to the general public. Please call Jane Patrick at North South Travel to book. Jane can also arrange all of your travel requests, from rental cars and upgrading rooms to arranging flights.

Phone: 604 717 1751
email: jane@nstravel.bc.ca



CANCELLATION POLICY

Full refunds less a \$100.00 service charge will be granted for cancellations made 60 days prior to the course. Cancellations made between 30 and 60 days prior to the first day of the program will receive a 50% refund. No refunds will be granted for cancellations made less than thirty days prior to the first day of the program. Continuing Dental Education at The University of British Columbia reserves the right to cancel courses if deemed necessary by low enrolment, instructor cancellation or other unforeseen issues. In case of course cancellation a full refund will be issued.

ADA CERP Continuing Education Recognition Program

CDE at UBC 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 ADA CERP at www.ada.org/cerp

DISCLAIMER: Dental education institutions have an obligation to disseminate new knowledge related to dental practice. Some presentations may include controversial materials or commercial references. Sponsorship of a continuing education course by The University of British Columbia does not imply endorsement of a particular philosophy, procedure or product by The University of British Columbia.

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