



THE UNIVERSITY OF BRITISH COLUMBIA

Faculty of Dentistry

Continuing Dental Education

Contemporary Dental Materials: How to incorporate new dental materials into your practice

Dr. Nathaniel Lawson

New ceramic materials have changed the way we practice dentistry by offering a strong, esthetic and affordable restorative option for our patients. But ceramic materials do not handle the same as metal-based restorations and improper selection or handling can lead to premature failure. The morning session of this course will teach you how to select and handle different types of ceramic materials that are currently used in dentistry that will be much less confusing than typical marketing rhetoric. We will review the best clinical practices based on research studies conducted at the University of Alabama at Birmingham School of Dentistry and provide pearls for you to take back to the office.

The afternoon session we will cover advances in restorative materials. Due to our patients esthetic desires and the advantages of minimal tooth preparations, direct bonded restorations are a mainstay of most dental practices. Although advances in materials have improved the outcome of composite restorations, these restorations can still be accompanied by post-op sensitivity, marginal breakdown and secondary caries. This course aims to review the techniques for optimal bonding based on evidence as well as highlight the uses of new bonding systems that can simplify your technique while maintaining performance. We will also look at the clinical applications for bulk fill composites and bioactive.

Course Objectives:

1. Select material for anterior and posterior ceramic restorations
2. Learn the best methods to design, polish, bond to and cut off ceramic restorations
3. Select a cement for different clinical scenarios
4. Learn bonding techniques to minimize sensitivity and prolong the life of your direct bonded restorations
5. Learn the evidence for new “bioactive” materials
6. Learn how to work with bulk-fill composites



NATHANIEL LAWSON, DMD, PHD, is the Director of the Division of Biomaterials at the University of Alabama at Birmingham School of Dentistry. He graduated from UAB School of Dentistry in 2011 and obtained his PhD in Biomedical Engineering in 2012. He has served as an investigator on 47 research grants, published 46 peer reviewed articles, 3 book chapters, 18 articles in trade journals, and 76 research abstracts. He is on the editorial board of Compendium and Dental Product Report. His research interests are the mechanical, optical, and biologic properties of dental materials and clinical evaluation of new dental materials. He was the 2016 recipient of the Stanford New Investigator Award and the 2017 3M Innovative Research Fellowship both from the American Dental Association. He has lectured nationally and internationally on the subject of dental materials. He also works as a general dentist in the UAB Faculty Practice.

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**SATURDAY
NOVEMBER 17, 2018**

DE 9394

TUITION:	until	after
	Oct 12	Oct 12
Dentists:	\$330	\$365
Allied Dental Professionals:	\$205	\$225

Includes: continental breakfast, lunch and course handouts.

TIMES:	
Registration:	8:30 am
Course commences:	9:00 am

6 HOURS OF INSTRUCTION

LOCATION:

The University of British Columbia
Vancouver, BC
Meeting Room TBA

REGISTER ONLINE: DENTISTRY.UBC.CA/CDE

QUERIES: LOCAL 604-822-6156 TOLL FREE 1-877-328-7744 CDE@DENTISTRY.UBC.CA