Mastering Adult Minimal Sedation: Inhalation and Oral Sedation in Dentistry
Dr. Jason Goodchild, Dr. Mark Donaldson, and Dr. Scott Dickinson

This hands-on course offers instruction in all aspects of adult minimal sedation to include nitrous oxide/oxygen inhalation and oral sedation, as well as effective methods in dealing with anxiety control in general practice. Participants will learn various techniques and will have the opportunity to try several types of machines.

FRIDAY ONLY: This one day course focuses on adult minimal oral sedation which satisfies any Board or College requirement for 7 hours of continuing education for recertification in this modality. In many cases this one day program also qualifies for recertification in moderate sedation.

SATURDAY AND SUNDAY: This two day course is designed to achieve certification in nitrous oxide/oxygen inhalational sedation (14 hours of continuing education).

FRIDAY, SATURDAY AND SUNDAY: This three day course satisfies the requirements for those States and Provincial Dental Boards or Colleges who require 21 hours of continuing education to certify for combined inhalation and oral sedation adult minimal sedation.

Each of these individual courses are specifically designed to meet the criteria, standards and guidelines of the American Dental Association, the College of Dental Surgeons of British Columbia, the Alberta Dental Association and College, Royal College (Ontario), and the Association of the Canadian Faculties of Dentistry, for the teaching and administration of nitrous-oxide and oral sedation. Additional adaptations can and are often made for licensed practitioners from other States and Provinces.
**Friday, April 12, 2019**  
8am to 4pm:  
**Mastering Adult Minimal Sedation Review – a permit renewal course**

This interactive lecture course is designed for dentists, hygienists and CDAs who want to meet provincial and state dental board requirements to maintain anesthesia permit levels for minimal, and in some cases moderate, adult sedation. This one-day review course will refresh and give participants the most current information in how to comprehend and apply the benefits of oral and inhalation sedation within the dental office setting. This course will also review how to effectively deal with medical emergencies in the dental office for sedated and non-sedated patients.

**Objectives:**
- Develop a plan for every sedation appointment to ensure safe and effective minimal enteral sedation
- Understand the pharmacology of oral sedatives and identify the most appropriate agent for each patient (the right drug at the right dose, for the right patient and the right procedure)
- Employ strategies to appropriately mitigate patient anxiety to include patient management and pharmacological methods
- Review patient monitoring thoroughly from Pulse Oximetry to Bispectral Index Analysis (BIS)
- Learn new techniques for administering medications (agonists and antagonists) and proven strategies for patients who may require alternative approaches for success

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**Saturday, April 13, 2019**  
8am to 4pm:  
**Mastering Nitrous Oxide/Oxygen Inhalational Sedation – a permitting course**  
*(must also attend Sunday)*

This is an interactive lecture and hands-on participation course. It is designed for dentists, hygienists and CDAs who desire to meet provincial and state dental board requirements for administering nitrous oxide/oxygen sedation to the dental patient. This is a two day, how-to course that prepares participants to gain competency and apply the benefits of inhalation sedation within the dental office setting and to effectively deal with medical emergencies in the dental office for sedated and non-sedated patients.

**Objectives:**
- Learn how to select appropriate patients for inhalational and minimal sedation. Know who to treat and who to refer
- Make pharmacology clinically useful through understanding of bioavailability, half-life and other pharmacokinetic principles
- Examine inhalational equipment and learn various inhalational sedation techniques
- Discuss the advantages/disadvantages and indications/contraindications of inhalational sedation with nitrous oxide/oxygen sedation
- Recognize the importance of monitoring equipment and how to appropriately utilize monitors and chart findings

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**REGISTER ONLINE:**  [DENTISTRY.UBC.CA/CDE](http://DENTISTRY.UBC.CA/CDE)  
**QUERIES:**  LOCAL 604-822-6156  TOLL FREE 1-877-328-7744  CDE@DENTISTRY.UBC.CA
Sunday, April 14, 2019  
8am to 4pm:  
Mastering Minimal Sedation – a permitting course

(in combination with Saturday to certify for Nitrous Oxide/Oxygen Inhalational Sedation; in combination with Friday and Saturday to certify for combined oral and inhalational adult minimal sedation)

This is the final day of our interactive lecture and hands-on participation and certification course. It is designed for dentists, hygienists and CDAs who desire to meet provincial and state dental board requirements for administering nitrous oxide/oxygen sedation to the dental patient (requires Saturday attendance also). For those attendees looking to master adult minimal sedation to include both inhalational and oral sedation, attendance on Friday and Saturday is also required.

Objectives:

- Review Nitrous Oxide and Oxygen Pharmacology, indications and contraindications
- Recognize potential risks and urban legends concerning nitrous oxide contamination, scavenging and environmental exposure
- Bust some of the myths around local anesthesia and how sedation can improve local anesthesia success
- Know the seven medications you need to have in your emergency kit and how to use them
- Understand current regulations specific to your particular Province or State

Our faculty specializes in adult learning by utilizing a multimedia approach which enhances knowledge and retention. Participants will learn various techniques and protocols designed to achieve certification in nitrous oxide/oxygen sedation as well as competency in providing oral anxiolysis (minimal sedation). A patient-centered approach to care is emphasized with lectures on appropriate medication section, monitoring and practical emergency management. Case studies will augment the delivery of key points and a problem-based learning approach is encouraged so that each participant’s questions are addressed. Our clinicians continue to provide these important modalities to their patients in daily practice, teach, do research and are well published in textbooks and the peer-reviewed literature on these subjects. These master educators differentiate our program from any other on this subject.

CANCELLATION POLICY:

Limited Enrolment Courses require a minimum of 21 days notice for a full refund less $50.00 administration fee. Cancellations made between 21 and 14 days prior to the first day of the program will receive a 50% refund. No refund will be granted for cancellations made less 14 days prior to the first day of the program. Continuing Dental Education at The University of British Columbia reserves the right to cancel courses and switch instructors if deemed necessary by low enrolment, instructor cancellation or other unforeseen issues. In case of course cancellation a full refund will be issued.

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. Fee in full must accompany registration. The tuition fee is deductible for Canadian Income Tax purposes. See cancellation policy.
Clinicians:

Jason H. Goodchild, DMD received his undergraduate degree from Dickson College in Carlisle, Pennsylvania. He went on to receive his dental training at the University of Pennsylvania School of Dental Medicine (Philadelphia, PA). He is currently the Director of Clinical Affairs at Premier Dental Products Company (Plymouth Meeting, PA) involved in developing and educating dentists on new materials and techniques to improve clinical practice. He is also Adjunct Associate Professor in the Department of Diagnostic Sciences at Creighton University School of Dentistry (Omaha, NE), and Adjunct Assistant Professor in the Department of Diagnostic Dentistry at the Rutgers School of Dental Medicine (Newark, NJ). Dr. Goodchild has published numerous peer-reviewed articles and lectures internationally on the topics of treatment planning, treatment of medical complex dental patients, restorative dentistry, pharmacology, emergency medicine in dentistry, enteral sedation dentistry, and dental photography. He has been an invited speaker for the Academy of General Dentistry and American Association of Dental Examiners. He is a reviewer for the Journal of the American Dental Association, General Dentistry, Compendium, and Quintessence International. Dr. Goodchild maintains a private general dental practice in Havertown, PA.

Mark Donaldson, BSP, RPH, ACPR, PHARMD, FASHP, FACHE received his baccalaureate degree from the University of British Columbia and his Doctorate in Clinical Pharmacy from the University of Washington. He completed a residency at Vancouver General Hospital, and has practiced as a clinical pharmacy specialist, clinical coordinator and director of pharmacy services at many healthcare organizations in both Canada and the United States. He is currently the Senior Executive Director, Pharmacy Advisory Solutions for Vizient, in Whitefish, Montana. Dr. Donaldson is a Clinical Professor in the Department of Pharmacy at the University of Montana in Missoula, Clinical Associate Professor in the School of Dentistry at the Oregon Health & Sciences University in Portland, Oregon and Adjunct Professor, in the Faculty of Dentistry at the University of British Columbia. He has a special interest in dental pharmacology and has lectured internationally to both dental and medical practitioners. He has spent the last 20 years focusing on dental pharmacology and dental therapeutics, and is a leader in the field. Dr. Donaldson has published numerous peer-reviewed works and textbook chapters. He currently serves on the Editorial Boards for the Journal of the American Dental Association, Compendium and ACHE Healthcare. He is board certified in healthcare management, was named as the 2014 recipient of the Bowl of Hygeia for the State of Montana and was the 2016 recipient of the Dr. Thaddeus V. Weclew Award. This award is conferred upon an individual who has made outstanding contributions to the art and science of dentistry by the Academy of General Dentistry.

Scott C. Dickinson, DMD received his undergraduate degree from St. Lawrence University and his dental degree from the University of Pennsylvania, School of Dental Medicine. After graduation he completed an AEGD while serving in the U.S. Army. During this time Dr. Dickinson received training on and regularly used nitrous oxide and oxygen, oral, and intravenous sedation techniques. During his service in the Army he performed the duties of both a flight surgeon and a general practicing dentist. After leaving the Military he entered private practice where he served as the Vice President of Clinical Support for Aspen Dental Management. In this role he was responsible for the training, new dentist orientation, and continuing education needs of both the company and the over 700 doctors it associates with. He now maintains an active general dental practice in Pensacola Florida where he regularly uses sedation techniques to more comfortably treat his patients.

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