MASTERING ADULT MODERATE CONSCIOUS SEDATION: A COMPETENCY BASED COURSE

SEPTEMBER 14, 2018 START DATE

(DR. MICHAEL WEBSTER COMPLETING HIS BC LEVEL 1 CLINICAL AT HIS PRACTICE IN KELOWNA, BC)
COURSE OVERVIEW

Sea to Sky Dental-Ed is pleased to announce our 2018 adult dental sedation training program. This course is designed to prepare the dentist to incorporate moderate conscious sedation into their dental practice. The participant has two modalities of sedation training to choose from depending on what type of sedation they wish to provide for their patients:

a) Adult oral/inhaled moderate conscious sedation training
b) Adult parenteral (IV) moderate conscious sedation training; single or dual drug

Training for both levels of sedation is integrated into a single program held yearly in Vancouver BC.

ADULT ORAL/INHALED MODERATE CONSCIOUS SEDATION TRAINING OVERVIEW

This training level is for dentists who wish to master the use of nitrous oxide and oral sedatives to produce a state of moderate conscious sedation for their patients. This learning stream consists of 72 hours of didactic classroom training followed by a clinical rotation where you experience sedating patients while undertaking their dentistry. In the clinical setting the participant will be administering oral/inhaled sedation concurrent to dental treatment to a minimum of 10-20 (depends on your governing body regulations) adult patients as the sole sedation provider while receiving expert guidance.

ADULT PARENTERAL MODERATE CONSCIOUS SEDATION TRAINING OVERVIEW

This training level is for dentists who wish to master the use of intravenous, intranasal and other parenteral routes to produce a state of moderate conscious sedation for their patients. This learning stream consists of a minimum of 72 hours of didactic classroom training and the direct participation in a three-day clinical rotation. In the clinical setting the participant will be administering IV sedation concurrent to dental treatment to a minimum of 20 adult patients as the sole sedation provider while receiving expert guidance. The choice of using either a benzodiazepine alone or using a benzodiazepine in combination with an opioid depends on what province/state the dentist practices in and the regulations of that jurisdiction. For example, BC dentists are restricted to a single benzodiazepine agent after initial training whereas Alberta dentists can train using two agents (midazolam and fentanyl).
High fidelity and low fidelity simulations are part of the program for both the oral/inhaled and parenteral certifications. Training and certification in Advanced Cardiac Life Support (ACLS) is included along with ECG interpretation training using the well-known 6 Second ECG Course. The faculty consists of dentists, physicians, nurses and paramedics with extensive experience in sedation who are there to help ensure your success.

These two certification levels are developed and presented in accordance with the American Dental Associations “Guidelines for Teaching Pain Control and Sedation to Dentists and Dental
Students” as adopted by the ADA House of Delegates, October 2016, and the “Practice Guidelines for Sedation by Non-Anesthesia Providers” by the American Society of Anesthesiology. Local standards and guidelines are also followed where applicable. For example, we incorporate the CDSBC’s “Minimal and Moderate Sedation Services in Dentistry (Non-Hospital Facilities) Standards and Guidelines 2016” for dentists practicing in BC along with using the Alberta Dental Association and College’s “Standards for the use of Sedation in Non-Hospital Facilities 2011” for dentists practicing in Alberta.

**LEARNING OBJECTIVES**

Upon completion of a course in moderate sedation, the dentist must be able to show competency relating to:

- List and discuss the advantages and disadvantages of moderate sedation.
- Discuss the prevention, recognition and management of complications associated with moderate sedation.
- Administer moderate sedation to patients in a clinical setting in a safe and effective manner.
- Discuss the abuse potential, occupational hazards and other untoward effects of the agents utilized to achieve moderate sedation.
- Describe and demonstrate the technique of oral medication dosing, nitrous oxide use, intravenous access, intramuscular injection and other parenteral techniques as per the requirements of your chosen certification.
- Discuss the pharmacology of the drug(s) selected for administration.
- Discuss the precautions, indications, contraindications and adverse reactions associated with the drug(s) selected.
- Properly evaluate patients as to their appropriateness for office based moderate sedation using standardized methods that meet or exceed ASA guidelines.
- Understand appropriate monitoring and necessary chart keeping for safe delivery of moderate oral/inhaled or parenteral sedation.
- Administer the selected drug(s) to dental patients in a clinical setting in a safe and effective manner.
- Discuss the prevention, recognition and management of complications associated with moderate sedation.
- Describe a protocol for management of emergencies in the dental office and list and discuss the emergency drugs and equipment required for the prevention and management of emergency situations.
- Discuss and understand key principles of advanced cardiac life support.
- Demonstrate the ability to diagnose and treat emergencies related to the next deeper level of anesthesia than intended.

Educational Programs in Oral, Inhaled and IV Sedation, Canadian Dental Anaesthesia Assistant Course (C-DAAC), Dental Office Medical Emergencies Course, ACLS, PALS and more.

www.dental-ed.com
To be able to manage the patient airway using basic and advanced airway techniques.
To recognize, react to, and manage dental medical emergencies in a leadership role.
Understand the regulations and requirements of your provincial/state legislation, and provincial/state dental college/board to adhere to the correct standards and guidelines that govern your practice.

This program is designed to exceed the requirements to obtain the necessary permissions from your provincial/state governing body. Content and clinical components can be adjusted to meet your regulations at the discretion of the course faculty. We encourage you to review your provincial/state requirements as it is your responsibility to ensure that the course meets your needs.

OVERVIEW OF COURSE CONTENT

- Review of cardiovascular and respiratory physiology.
- Review of sedation pharmacology.
- Review of provincial/state sedation guidelines.
- Patient assessment for safety and appropriateness of moderate sedation.
- The delivery of sedation in your setting.
- Keeping our patients safe: patient monitoring and record keeping.
- The sedation team and the set-up of your office.
- Pediatric sedation considerations.
- Hands-on venipuncture techniques or oral/inhaled techniques.
- Hands-on review of nitrous oxide system use.
- Hands-on training to respond to office medical and sedation specific emergencies.
- The Six Second ECG - ECG interpretation for dentists.
- ACLS: Advanced Cardiac Life Support for Dentists.
- Basic and advanced airway management training.

COURSE LENGTH

ADULT ORAL/INHALED MODERATE CONSCIOUS SEDATION CERTIFICATION

Classroom time: 72 hours
Clinical rotation: 2-5 days
Total CE credits: 88-116 hours
ADULT PARENTERAL MODERATE CONSCIOUS SEDATION CERTIFICATION

Classroom time: 72 hours
Clinical rotation: 3 days
Total CE credits: 99 hours

COURSE PREREQUISITES

✓ The participant must hold a DDS/DMD degree and must be licensed to practice dentistry or medicine in their given province or state.
✓ The participant must provide letter of good standing provided from their governing body.
✓ The participant must be able to provide two dental assistants certified in the Canadian Dental Anaesthesia Assistant Course (CDAAC) or in Dental Anaesthesia Assistant National Certification Exam (DAANCE).
✓ Proof of malpractice insurance coverage must be shown (5 million liability) before entering your clinical rotation.
✓ Current healthcare provider CPR certification from the Heart and Stroke Foundation of Canada or the American Heart Association (taken within 1 year of the sedation program start date).
✓ The ability to provide patients of record for the clinical portion of your program unless arrangements have been made for Sea to Sky Dental-Ed to provide volunteer patients for your clinical.

COURSE LOCATION

Portions of the course are held at several locations in the Vancouver area. These include:

✓ SFU Downtown Campus, Vancouver BC
✓ CESEI Simulation Centre, Vancouver General Hospital
✓ Partner Sedation Dental Practices in Vancouver BC.
TUITION

ADULT ORAL/INHALED MODERATE CONSCIOUS SEDATION CERTIFICATION

- $6,999.00 with additional clinical rotation costs.
- CDAs/RDAs/Hygienists: $1499.00. This allows your support staff to attend the course with you and obtain their CDAAC certification as part of this fee. The standalone CDAAC course tuition is $690.00 and this requires staff to attend a two-day workshop in Vancouver.
- Clinical rotation is completed at your own practice at a cost of $3500.00 per each clinical day required along any associated travel costs for two faculty to travel to your location. BC dentists will require 4-5 days to complete their clinical and Alberta dentists 2-3 days.

ADULT PARENTERAL MODERATE CONSCIOUS SEDATION CERTIFICATION

- Dentists: $17,999.00 (This base tuition includes completing your clinical rotation in a group setting in Vancouver if you choose). IMPORTANT: See Clinical Course Options Section for full details.
- CDAs/RDAs/Hygienists: $1800.00 each. This allows your support staff to attend the course with you and obtain their CDAAC certification as part of this fee. The standalone CDAAC course tuition is $690.00 and this requires staff to attend a two-day workshop in Vancouver.
- Option to do clinical rotation at your own practice: additional $9,000.00 fee and any associated travel costs for faculty to travel to your location for three days. IMPORTANT: See Clinical Course Options Section for full details.
CLINICAL COURSE OPTIONS

ADULT ORAL/INHALED MODERATE CONSCIOUS SEDATION CERTIFICATION

Your clinical is done at your practice with your dental team treating between 5-8 patients per day. The number of clinical days needed will depend on the number of cases required to meet your practice regulations. You must provide your own patients of record. This clinical offers the most comprehensive integration of your office staff to the transition of offering oral/inhaled sedation at your practice. Two members of your sedation team (RNAs, CDAs, RDAs, hygienists) must assist during the clinical practicum. These staff members must have completed the Canadian Dental Anaesthesia Assistant Course (CDAAC) or a similar recognized program prior to clinical. Dentists can bill their patients as they would at their own practice or as the patient agrees to. This usually allows for full recovery of the cost of this option. Billing for sedation is not allowed. Cost: $3500.00 per clinical day plus associated travel expenses. All supplies needed for patient treatment are to be provided by the dentist along with their own dental instruments. Dental-Ed will provide all equipment, medications, and supplies relating to the delivery of the sedation care itself.
ADULT PARENTERAL MODERATE CONSCIOUS SEDATION CERTIFICATION

Option 1: CLINICAL ROTATION COMPLETED AT YOUR PRACTICE

Your clinical is done at your practice with your dental team over a 3-day period with flexibility of date choices and by treating your own patients of record. This option is strongly encouraged as it offers the most comprehensive integration of your office staff to the transition of offering IV sedation at your practice. Two members of your sedation team (RNs, CDAs, RDAs, hygienists) must assist during the clinical practicum. These staff members must have completed the Canadian Dental Anaesthesia Assistant Course (CDAAC) or a similar recognized program prior to clinical. Dentists can bill their patients as they would at their own practice or as the patient agrees to. This usually allows for full recovery of the cost of this option. Billing for sedation is not allowed. Cost: $9,000.00 plus associated travel expenses. All supplies needed for patient treatment are to be provided by the dentist along with their own dental instruments. Dental-Ed will provide all equipment, medications, and supplies relating to the delivery of the sedation care itself.

Option 2: GROUP CLINICAL ROTATION HELD IN VANCOUVER, BC

Prior to the course each participant from the lower mainland must organize and supply 20 patients who consent to undergo moderate sedation and have their dental treatments done during the clinical rotation. For dentists from outside the region and for associates, Dental-Ed may be able to provide volunteer patients for the clinical component. Over a three-day period, you will administer IV sedation concurrent to dental treatment to these patients as the sole sedation provider. A faculty to dentist ratio not to exceed 3:1 will be maintained during clinical. Two members of your sedation team (RNs, CDAs, RDAs, hygienists) must assist during the clinical practicum. These staff
members must have completed the Canadian Dental Anaesthesia Assistant Course (C-DAAC) or a similar recognized program prior to your clinical. If you choose to not supply staff a $2500.00 fee will be charged unless other arrangements have been agreed to.

FACULTY

1. **Program Director: Dr John McGaw** EMT-P; B.Sc., DDS, ACLS-I.

   Member of the American Dental Society of Anesthesiology with 21 years of experience providing anxiety-free dental care using numerous sedation techniques including multiple drug I.V. sedation at his practice in Courtenay, B.C. Recently awarded a certificate of recognition from the University of Alberta Faculty of Medicine and Dentistry for ten years’ service developing and instructing IV sedation at his alma mater.

2. **Program Head: Michael Dare** BKin, RN, ALS-Paramedic, ACLS-IT, PALS-IT, ITLS-I, BLS-I.

   CEO of Sea to Sky Dental-Ed.

   Community-based clinician assisting in the provision of anaesthesia services as well as deep sedation services to the Faculty of Dentistry, UBC Campus. Michael has a diverse background in both teaching and clinical practice. His clinical expertise spans most areas of critical care nursing as well as prehospital advanced life support as a paramedic. He has worked extensively in Level 1 trauma hospitals in ER, ICU, CCU, PACU and Cardiac Surgery ICU. He facilitates ACLS, PALS, Procedural Sedation, and Trauma courses for the medical profession on a regular basis. With over 30 years’ experience in delivering sedation using multiple techniques Michael is a strong advocate for improving dental sedation/anaesthesia standards and guidelines, and helping develop and deliver best practice competency based sedation and emergency training courses.


   Founding faculty member and instructor American Academy of Pediatric Dentistry Course - “Contemporary Sedation of Children for the Dental Practice - Enteral and Parenteral Techniques”. Dr. Milnes has over 20 years’ experience delivering multidrug parenteral sedation to pediatric dental patients.

4. **Dr. Sur Baycroft** B.Sc., MD, F.R.C.P(C).

   Staff anesthesiologist, Ambulatory Surgical Centre Vancouver. Community-based clinician providing anesthesia services as well as deep sedation services to the Faculty of Dentistry, UBC Campus.
5. **Dr. Afshin Khazei** MD, FRCPC-EM, ABEM, ABPM-HB, CCFP, AAFP, ACLS-I. Clinical Associate Professor, Faculty of Medicine, UBC.
   
   Attending Physician, Department of Emergency Medicine, Vancouver General Hospital. Attending Physician, Hyperbaric Unit, VGH. Simulation Education Director, Department of Emergency Medicine, UBC. Clinical Associate Professor, Faculty of Medicine, UBC.

6. **Dr. Randall Crowell** B.Sc., DDS, EMT-P, ACLS-I.
   
   Randy obtained his degree in Dentistry from the University of Alberta. In 1997, Dr. Crowell earned his I.V. Conscious Sedation Certificate from the University of Toronto. In 2003, he qualified as an Advanced Cardiac Life Support (ACLS) Instructor through the Heart and Stroke Foundation of Canada. As well, in 2003, with his commitment to gentle dentistry, Dr. Crowell was instrumental in bringing the IV Conscious Sedation program to the University of Alberta and was a founding director of that program. He is active in the Faculty of Medicine & Dentistry’s Continuing Dental Education Division at the University of Alberta where he has taught I.V. Conscious Sedation, Emergency Airway Management, Basic Life Support and Advanced Cardiac Life Support.

7. **Dr. Trevor Shew** DMD, PHARMD

8. **Dr. Gurdeep Bhangu** B.Sc.(Pharm), DMD


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**2018 COURSE DATES**

- Didactic Block 1: September 14-16, 2018
- Didactic Block 2: September 21-23, 2018
- Didactic Block 3: September 27-29, 2018
- Patient screening day: September 30, 2018 (Only for dentists doing clinical in a group setting in Vancouver)
- Group clinical in Vancouver: Option 1 October 19-23, 2018
- Group clinical in Vancouver: Option 2 October 28-28, 2018
- Clinical at your practice: Individually scheduled
COURSE TEXTBOOKS

- Moderate Conscious IV Sedation in Dentistry: Course Manual
- The Six Second ECG: A Practical Guide to ECG Interpretation. Tracy Barill
- ACLS Student Manual

REGISTRATION

Call Michael Dare at 1-778-984-0915 Ext. 1 to discuss any questions and to register. Optionally email mdare@dental-ed.com.

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