Local anesthesia for the dental hygienist (lecture and hands-on)

JAMES BRADY, BSc, DDS, MSc & JEAN-CHARLES DOUCET, BSc, DMD, MD, MSc, FRCD(C)

Drs. James Brady and Jean-Charles Doucet are oral maxillofacial surgeons who teach in the Faculty of Dentistry at Dalhousie University. Dr. Brady pursued advanced training in trauma, and cleft lip and palate surgery in Glasgow, Scotland. He has a wide scope of practice, including trauma pathology and TMJ surgery. Dr. Doucet completed a cleft craniofacial fellowship at the University of Montpelier 1, France. He is on the staff at the QE II Health Sciences Centre and the IWK Health Centre.

COURSE OUTLINE
This four-day certification course will provide dental hygienists with both didactic and clinical hands-on training in the administration of local anesthesia. The didactic lectures will cover the following topics:

- Neurophysiology of pain
- Mechanism of nerve blockade
- Assessing patients for local anesthesia
- Pharmacology of local anesthetics
- Pharmacology of vasoconstrictors
- Calculating doses administered
- Armamentarium
- Local and systemic complications of local anesthesia and their management
- Basic maxillary local anesthesia techniques
- Basic mandibular local anesthesia techniques
- Local anesthesia failures and their management

ADVANCED LOCAL ANESTHESIA TECHNIQUES PRE-COURSE
One month prior to the course, the lecture material and a self-assessment quiz will be distributed electronically to all participants to allow for self-directed learning.

COURSE OBJECTIVES
Upon completion of this course, participants should know:

- The medicine, anatomy, physiology, and pharmacology needed for the successful administration of local anesthesia
- How to perform basic maxillary and mandibular local anesthesia techniques (these will be performed on fellow participants)

LIMITED ENROLMENT: 34 participants

TO REGISTER: T: 902.494.1674 | F: 902.494.1662 | cde.dentistry@dal.ca | dal.ca/dentistry/cde

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<td>DDS ADHP</td>
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<td>Lecture &amp; hands-on</td>
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THURSDAY, APRIL 30 TO SUNDAY, MAY 3, 2020
HALIFAX, NS