



# Local anesthesia for the dental hygienist

DNTL-DENT0006-006

## Course Outline

This course will provide the graduate dental hygienist with an integrated overview of the anatomy, physiology, and pharmacology of local anesthesia. During the course, participants will receive both didactic and clinical “hands-on” training in the administration of local anesthesia.

Participants will access the course reading material and should complete a pre-course quiz for review during class. The self-assessment quiz is being provided to assist participants in identifying areas of weakness.

The clinical “hands-on” training will allow the participants to learn the basic maxillary and mandibular local anesthesia technique by performing these techniques on fellow course participants. This will be carried out under the supervision of members of the Division of Oral and Maxillofacial Surgery.

Both didactic and clinical components must be successfully passed to receive a course certificate indicating successful completion of the course.

## What you will learn

The course is designed to provide participants with the basic principles and knowledge necessary to administer maxillary and mandibular local anesthesia for pain management. The neurophysiology of pain, the pharmacology of local anesthetics and vasoconstrictors, preparation of the armamentarium, anatomical considerations, local and systemic complications, and patient assessment and management techniques are included in the course.

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).



### Date

Saturday & Sunday  
January 11 & 12, 2025



### Fees

\$1,750 or \$100 deposit



### CE Credits

16 CE Lecture | 29 CE hours  
13 CE Hands-on



### Presentation Times

8:30 am to 5:00 pm  
8:30 am to 3:00 pm



### Check-in

8:00 am



### Location

Dalhousie University, Faculty of  
Dentistry, 1st Floor



### Method

Online self-paced & Clinical



### Register

[dal.ca/dentistry/cde](http://dal.ca/dentistry/cde)



### More Information

902-494-1674



### Dr. James Brady

BSc, DDS, MSc

Dr. James Brady is an oral maxillofacial surgeon who teaches 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. Jean-Charles Doucet

BSc, DMD, MD, MSc, FRCD(C)

Dr. Jean-Charles Doucet is an oral maxillofacial surgeon who teaches in the Faculty of Dentistry at Dalhousie University. Dr. Doucet completed a cleft craniofacial fellowship at the University of Montpellier 1, France. He is on the staff at the QE II Health Sciences Centre and the IWK Health Centre.