



COLLEGE OF DENTAL HYGIENISTS OF BRITISH COLUMBIA

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CALL FOR PROPONENTS

Curriculum Development for Local Anaesthesia Module

BACKGROUND

The College of Dental Hygienists of British Columbia (CDHBC) is responsible for regulating the profession of dental hygiene in the province. Our mission is to **fulfill our duty to protect the public through regulatory excellence.**

In March 2020, changes to the CDHBC Bylaws came into effect. The regulated ability to administer local anaesthesia (LA) is now a separate certification which is attached to a dental hygiene license and is optional. In order to maintain certification, registrants are required to complete learning activities that the Quality Assurance Committee (QAC) directs related to the administration of LA as part of their 5-year QAP cycle. The QAC has determined the learning activity required to maintain certification is completion of an online LA module.

PROJECT OVERVIEW

The CDHBC is seeking an expression of interest from qualified proponents to develop educational content for an online LA module.

The following topics will be addressed:

- Concepts of pain and anxiety control
- Head/neck/oral anatomy
- Neuroanatomy/physiology
- Pharmacology of anaesthetics and vasoconstrictors including pharmacokinetics and pharmacodynamics
- Pre-anaesthetic client evaluation
- Calculation of the maximum safe dose for commonly used oral local anaesthetic drugs and vasoconstrictors
- Prevention, recognition, and management of local and systemic complications/emergencies
- Armamentarium
- Injection techniques (maxillary and mandibular)
 - Maxillary Injections:
 - Supraperiosteal Infiltration
 - Posterior Superior Nerve Block
 - Anterior Superior Nerve Block
 - Middle Superior Nerve Block
 - Infraorbital Nerve Block
 - Greater Palatine Nerve Block
 - Nasopalatine Nerve Block

- Mandibular Injections:
 - Inferior Alveolar Nerve Block with Lingual Nerve Block and Buccal Nerve Block
 - Gow Gates Nerve Block
 - Incisive Nerve Block
- Exposure management protocol in the event of a percutaneous injury
- Alternative methods and techniques
- Legal documentation

The LA module will be delivered through an online, asynchronous platform currently being utilized by the CDHBC for existing education such as the Jurisprudence Educational Module (JEM).

SERVICES REQUIRED

We are seeking a qualified individual to:

- Develop learning module content and section quizzes to reflect the scope and breadth involved with the administration of local anaesthetic.
- Liaise with CDHBC staff in setting timely milestones for writing and reviewing content.

TERM

The contract requirements are to be completed by **March 30, 2021**. This date may be somewhat flexible in consultation with the contractor and interim milestones will be presented to CDHBC staff for confirmation.

COMPENSATION

Compensation will be on an hourly basis for work completed and may be invoiced monthly to CDHBC administration.

QUALIFICATIONS

Individuals responding to this call for proponents must have experience in developing and teaching LA curriculum development and demonstrate excellent written communication skills. Proponents should include a description of related expertise and/or experience, a CV and references.

SUBMISSION DEADLINE

November 30, 2020

Questions and/or expressions of interest should be directed to Melissa Mollberg via email at mmollberg@cdhbc.com.