Administration of Local Anesthesia for the Dental Hygienist
Online Didactic and Clinical Face-to-Face Course

Course Director: Bobby L. Collins, DDS

COURSE DESCRIPTION: This course fulfills the Tennessee State Dental Practice Act Rule regarding certification for the administration of local anesthesia for the registered dental hygienist. This online didactic course reviews the procedures available for the management of pain and anxiety. Principles of local anesthesia will include anatomy, physiology, pharmacology, armamentarium, technique and complications. A two-day face-to-face laboratory component will be included to prepare for certification in the administration of local anesthesia.

LEARNING OBJECTIVES ~ Upon completion of this course the dental hygiene participant will:

• Understand the philosophy and psychology of local anesthesia,
• Evaluate a patient's medical history and physical status including measurement of vital signs,
• Evaluate indications and contraindications for use of local anesthesia,
• Identify anatomical landmarks that pertain to administration of local anesthesia,
• Understand the physiology of nerve conduction,
• Understand the pharmacology of local anesthetics and vasoconstrictors,
• Be able to select and prepare the proper armamentaria for the administration of local anesthesia,
• Properly record the administration of local anesthetic procedures and complications,
• Be able to manage common medical emergencies as related to the administration of local
• Recognize and manage post-injection complications and reactions to injections,
• Employ infection control techniques including disposal of sharps,
• Administer local anesthetic agents with emphasis on: technique, aspiration, slow injection, and minimum effective dosage,
• Recognize, and manage toxic reactions to local anesthetics and vasoconstrictors,
• Recognize, and manage allergic reactions to local anesthetics and vasoconstrictors,
• Calculate highest safe dose based on patient’s weight and/or age,
• Determine the need for reinjection,
• Administer local anesthesia for infiltration,
• Administer local anesthesia for nerve blockage,
• Monitor the patient’s physical status while under the effects of local anesthetics.

This course has two (2) major components. The first is the theory and foundation preparation. This is done at your own pace and accomplished in an ONLINE format. It consists of 15 modules, which are sequentially ordered. All ONLINE MODULES MUST BE COMPLETED before the face-to-face lab.

Component 2 is the Face-to-Face laboratory portion. This is held at University of Tennessee Health Science Center, in Memphis Tennessee on a Friday afternoon and Saturday from 8am-5pm. On Friday, the theory and
foundational information will be reviewed and you will complete a comprehensive examination. On Saturday, you will come to **UTHSC Dunn Dental Building, Memphis, TN** for clinical practice in delivering local anesthesia.

**REGISTRATION INFORMATION**

Cost: $1,000

**REQUIRED TEXTS (may be ordered online):**
Handbook of Local Anesthesia, current edition, Malamed, Stanley F., Mosby, & CD; Supplemental material provided online.

**REQUIRED Clinical Supplies (must bring to face-to-face lab):** Syringe, clinic jacket and safety glasses.

Class: Administration of Local Anesthesia for the Dental Hygienist

Location of Course: 875 Union Avenue, 5th floor Clinic, Memphis, TN 38163

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**Easy Ways to Register**

Name__________________________________________

Date of Birth_____________________________________

Address__________________________________________

City__________________________________________ State____ Zip____________

Home Phone___________________ Work Phone________________________

Fax Number________________________ Email_________________________

**Payment Methods:** Check, Cash or Credit Card

- Check. Make check payable to UTHSC.
- Cash. Exact amount only. Do not mail, bring to:
  Dept. of Dental Hygiene; 930 Madison Ave, Suite 600; Memphis, TN 30163
- Credit Card. Credit Card Type: ____Visa ____MasterCard ____Discover
  Credit Card No.:__________________________________________ Exp. Date_____/_____

Signature__________________________________________

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More Information Call Shakita Conklin 901.448.6320

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