Local Anesthesia for Dental Hygienists

Course Description:
This non-credit course is designed to prepare licensed dental hygienists to administer local anesthesia. Course content includes the mechanism of action, local anesthetic agents and vasoconstrictors, review of essential anatomy, armamentarium, patient evaluation, local and systemic effects and complications. In addition, participants will perform safe and effective local anesthesia administration techniques on clinical partners under the supervision of qualified faculty.

The course meets the requirements of the PA State Board of Dentistry to apply for certification in the administration of local anesthesia in the practice of dental hygiene.

Course Objectives:
Upon successful completion of this course, the participant will be able to:
1. Demonstrate proper medical history review and evaluation procedures in preparation for the administration of local anesthesia.
2. Identify the location and significance of anatomical structures associated with the administration of local anesthetics.
3. Demonstrate knowledge of impulse transmission and mechanism of action of anesthetic/vasoconstrictor agents.
4. Discuss the pharmacology of local anesthetic agents.
5. Identify possible adverse effects encountered during and following the administration of local anesthetics and the appropriate course of action to manage the effects.
6. Discuss legal and ethical issues related to the administration of local anesthetic agents.
7. Demonstrate the skills to prepare for and safely administer local anesthesia.

Course Requirements:
- Copy of current dental hygiene licensure
- Copy of current certification in BLS/CPR
- Proof of liability insurance

Course Design:
Hybrid Courses: Six on-line modules with 2 synchronized sessions (at home) and 3 Friday evening sessions (on campus) for hands-on administration of local anesthesia on student partners.

Application Deadlines:
Registration must be completed 2 weeks prior to the course start date.

Additional Course Guidelines:
1. Participants will be required to purchase a textbook for the course.
2. Participants will be obligated to participate as a clinical patient for injections.
3. There is a non-refundable cancellation fee of $100.00 for the course. If canceled within 2 weeks prior to the program, there is no refund.
4. The College reserves the right to cancel the course up to 10 days before the course. In the event that the course is canceled, every attempt will be made to enroll the participant in another section if it is available or receive a full refund of tuition.
5. Failure to successfully complete all course requirements and competencies will void certification. There is no credit for partial completion of the course.
6. Prior to registration, participants who are pregnant or at medical risk for any other reason must seek written consent from their physician to allow them to receive injections.
FACULTY
Michael Chapman, DDS, M.Ed. – Dr. Chapman received his dental degree from Temple University: School of Dentistry. His professional career has included private practice as well as teaching in the Department of Operative Dentistry at Temple University for 18 years. Dr. Chapman has taught courses in local anesthesia for dental hygienists at Temple, Thomas Jefferson University and Montgomery County Community College. He is currently a Supervising Clinical Dentist in the Dental Hygiene Program at Montgomery County Community College.

Jane Hannon, RDH, M.Ed. – Ms. Hannon is currently an Adjunct Faculty in the Dental Hygiene Program at Montgomery County Community College and Manor College. She received her dental hygiene degree from Northampton County Community College, B.S. degree from Pennsylvania College of Technology, and a M.Ed. degree in Adult Education from Penn State University. She also works in private practice. Ms. Hannon completed her local anesthesia coursework at Pennsylvania College of Technology (1999) and Montgomery County Community College (2010).

Rosemary Herman, RDH, M.Ed. – Ms. Herman is currently an Assistant Professor and First Year Clinical Coordinator in the Dental Hygiene Program at Montgomery County Community College. She received her dental hygiene degree from Montgomery County Community College, a B.S. degree in Dental Hygiene from Thomas Jefferson University and a M.Ed. degree in Instructional Design from Penn State University. She completed the local anesthesia course at Thomas Jefferson University (1991) as well as the University of Pittsburgh Dental Hygiene Local Anesthesia: Train-the-Trainer program (2009).

Lisa Maisonet, RDH, B.S. – Ms. Maisonet received her A.A.S. degree in Dental Hygiene from Montgomery County Community College and a B.S. degree from Pennsylvania College of Technology. Ms. Maisonet is enrolled in the Master’s Program in Adult Education and Autistic Studies at Penn State University. Further, she is certified as an Expanded Function Dental Assistant (EFDA) and works in private practice. She is currently an Adjunct Faculty in the Dental Hygiene Program at Montgomery County Community College. Ms. Maisonet completed her training in local anesthesia at Montgomery County Community College (2010).

The Dental Hygiene Program proudly presents

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Spring 2016

2016/01 BICEC 1615 01: Hybrid Course