LOCAL ANESTHESIA: AN OVERVIEW & UPDATE

Due to their potential for producing life-threatening systemic adverse reactions, a thorough knowledge of the pharmacological and clinical properties of local anesthetic agents is essential for their safe and effective use. This program will provide participants with an overview of the pharmacology and therapeutics of local anesthetic agents. Special emphasis will be given to those agents commonly administered in dental practice and patient management techniques necessary with specific disease states.

LEARNING OBJECTIVES
Upon successful completion of this program, participants will be able to:
• Explain the basic concepts of neurophysiology and nerve conduction and the mechanism of action of local anesthetic agents
• Differentiate between the two major classes of local anesthetic agents with respect to their distribution, metabolism and routes of excretion
• Discuss the rationale for the use of vasoconstrictors in local anesthetic solutions and their potential effects in common organ system disease states
• Specify the various local anesthetic agent combinations most commonly used in dentistry and the rationale for their use in specific clinical situations
• Discuss general adverse effects, contraindications and patient care considerations with the use of local anesthetics.

CONFIRMATIONS WILL BE MAILED TO THE ADDRESS BELOW:

4. DDS  DMD  RDH  RDA  CDA  Off. Adm. Email
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PO Box 700 • Elmira, NY 14904-3700
(603) 736-9200 • Fax: (603) 736-9201

Course Description
Throughout the course of their everyday practice, dental professionals must frequently draw upon their understanding of Pharmacology. Recently introduced competency-based curriculums have demonstrated that tasks ranging from the routine, such as obtaining a complete patient medical history and appointment planning, to the extreme, such as handling a medical emergency in the office, all require a foundation knowledge in Pharmacology.

However, the science of Pharmacology consistently represents only a small portion of most dental degree programs. Armed with a relatively brief exposure to such vast subject matter, many dental professionals have difficulty retaining this knowledge throughout their careers as well as staying current with new pharmacotherapeutic trends, especially when faced with a marketplace awash in direct-to-consumer advertising of prescription drugs and an explosion of new drug entities over the last several years.

The purpose of this program is to provide dental professionals with an overview of the basic principles of Pharmacology and the classes of drugs used in the current therapy of most common disease states. Throughout the program, special emphasis will be given to drugs commonly administered in dental practice, as well as to those used or prescribed in other drugs which, actions, side effects, or interactions with other drugs may impact dental healthcare.

DENTAL PHARMACOLOGY: AN OVERVIEW & UPDATE

Course Description
Upon successful completion of this program, participants will be able to:
• Explain basic pharmacokinetics and factors that affect a drug’s handling and action
• Identify a drug listed on a patient's medical history and explain the drug’s:
  - pharmacologic classification and basic mechanism of action
  - principle therapeutic indications and intended effects
  - potential adverse reactions and contraindications
  - potential drug interactions and considerations important to patient management during dental treatment
• Discuss and compare the classes of drugs used in dental practice for:
  - pain management
  - prophylaxis and treatment of infection
• Identify the most common substances of abuse and discuss their:
  - street names and routes of administration
  - common adverse effects, oral manifestations, and dental considerations
• Recognize the most popular dietary supplements and discuss their:
  - mechanisms of action, purported uses and systemic effects
  - common adverse effects, oral manifestations, and dental considerations
• Describe sources and resources of drug information to be used in practice

The speaker receives no support from any commercial organization and does not promote any commercial products or sell any tapes, books, instruments, forms or other materials for this course.

REGISTRATION FORM

Cost: $285 for Dentists / $185 for RHDs and Aux. / U.S. Funds + $145 for RDHs + Aux. in Attendance of 10 or more in same group for same course (Late Fee Add $10/registrant if after Friday, January 12, 2018).

Please clearly enter your name as it appears with the State Board of Dental Examiners for your CE credit.

Confirmation will be mailed to the address below:
Home or Office Mailing Address
City / State / Zip Code

Card#: 3 digit CVV: Exp. Date: 
Cardholder’s Name: 
Cardholder’s Billing Address: 
Signature: 

Payment Options:
- Visa MasterCard

Card #: 3 digit CVV: