ABOUT THE SPEAKER

Thomas A. Viola, R.Ph., C.C.P. is a board-certified pharmacist and has been in community practice for over 30 years. He received his pharmacy degree and specialty training from St. John’s University in New York. Throughout his career, Tom has been appointed to serve on many national committees involved in pharmacotherapeutics, disease state management, medication safety and pharmaceutical care. In addition, Tom also serves as a consultant pharmacist in the state of New Jersey, where he specializes in the medication therapy management of high-risk pediatric and geriatric patient populations.

Beyond his practice of pharmacy, Tom also serves the professions of dentistry, dental hygiene, and dental assisting as a clinical educator, published writer and professional speaker, in the areas of oral pharmacology and local anesthesia.

As an clinical educator, Tom is a member of the faculty of ten dental professional degree programs and he has received several awards for outstanding teacher of the year. Tom is also a member of the faculty of the American Dental Hygienists’ Association’s National Board Exam Review and has presented numerous board exam review courses for recent graduates. In addition, Tom is a recipient of the 2012 New York State Dental Hygienists’ Association Award and the 2016 Pennsylvania Dental Hygienists’ Association Award for his contributions to the advancement of the profession. Tom has also been recognized as a leader in the presentation and administration of local anesthesia certification programs for dental hygienists in several states.

As a published writer, Tom is well known nationally and internationally for his online webinars on pharmacology, pain management and local anesthesia.

FRIDAY, DECEMBER 6, 2019
To Be Determined

SUNDAY, DECEMBER 8, 2019
The Mansion on Main Street
3000 Main St • Voorhees, NJ 08043
(856) 751-1717
Day of Parking: Complimentary. Use open lots.
Includes: Festive Holiday Buffet Lunch

SATURDAY, DECEMBER 7, 2019
Hershey Country Club
1000 East Derry Rd • Hershey, PA 17033
(717) 533-2360
Day of Parking: Complimentary. Use Hershey Country Club lots.
Rooms: Reserved at the Hershey Lodge - 325 University Dr
Starting at $179/double. Call 855-729-3108, mention Concord Dental.
Includes: Hershey Club Holiday Buffet

ATTENDANCE

8 CEUs.

REFUND POLICY
Full refund less a $50 non-refundable deposit per registrant with a written notice postmarked or faxed NO LATER than November 29, 2019. No refund will be given after that date. A 2 year credit (with $50 administrative fee) for another seminar will be issued in the name of the non-attending registrant. By registering for this seminar, you agree to the terms of this policy.

CERS earns the right to cancel any seminar at any time with no liability to registrants other than full refund of registration fee.

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LOCAL ANESTHESIA: AN OVERVIEW & UPDATE

DENTAL PHARMACOLOGY: AN OVERVIEW & UPDATE

Course Description
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 combinations most commonly used in dentistry and the rationale for their use in clinical situations
• Discuss general adverse effects, contraindications and patient care considerations with the use of local anesthetics.

Course Outline
I. Local Anesthesia Pharmacology Basics
   A. Neuroanatomy
   B. Neurophysiology
   C. Biochemistry and Mechanism of Action
II. Review of Dental Local Anesthetic Preparations
   A. Local Anesthetic Agents for Injection
   B. Local Anesthetic Agents for Topical Use
   C. Vasoconstrictors
III. Patient Care Considerations
   A. Medical History Review
   B. Physical Evaluation
   C. Significant Drug Interactions
   D. Absolute Contraindications
   E. Relative Contraindications
   F. Considerations for Epinephrine
IV. Patient Management
   A. The Medically Complex Dental Patient
   B. Treatment Modifications
   C. Patient Care Planning

Part 1: Local Anesthesia: An Overview & Update
A. Introduction to Local Anesthesia
B. Local Anesthetic Agents for Injection
C. Local Anesthetic Agents for Topical Use
D. Vasoconstrictors

Part 2: Systemic Medications and Their Dental Effects
A. Cardiovascular Agents
B. Gastrointestinal Agents
C. Respiratory Agents
D. Central Nervous System Agents
E. Endocrine Agents
F. Miscellaneous Agents

Part 3: Dental Medications and Their Systemic Effects
A. Non-Narcotic Analgesics
B. Opioid Analgesics
C. Appropriate Prescribing for Pain Management

Part 4: Odontogenic Infection
A. Antibiotic Agents
B. Antifungal Agents

Part 5: Medication Overuse and Abuse
A. Pain Management
B. Treating Addictive Disorders

Part 6: Street Drugs
A. Street Drugs
B. Treatment Planning and Patient Care Modifications

Course Outline
I. Dental Medications and Their Systemic Effects
   A. Treatment and Management of Odontogenic Pain
      1. Non-Narcotic Analgesics
      2. Opioid Analgesics
      3. Appropriate Prescribing for Pain Management
   B. Treatment of Odontogenic Infection
      1. Antibiotic Agents
      2. Antifungal Agents

II. Systemic Medications and Their Dental Effects
   A. Cardiovascular Agents
   B. Gastrointestinal Agents
   C. Respiratory Agents
   D. Central Nervous System Agents
   E. Endocrine Agents
   F. Miscellaneous Agents

III. Patient Care Considerations
   A. Importance of the Medical History
   B. Significant Interactions
      1. Significant Drug Interactions
      2. Significant OTC Drug/Supplement Interactions
      3. Significant Illicit Drug Interactions
   C. Contraindications
   D. Treatment Modifications and Patient Care Planning

Part 3: Dependency and Its Effects on Dentistry
A. Medication Overuse and Abuse

Part 4: Street Drugs
A. Street Drugs
B. Treatment Planning and Patient Care Modifications

Part 5: Medical and Recreational Cannabis
*The educational teaching methodology used in this course is live lecture presented in concert with an accompanying PowerPoint presentation. Both the live lecture and the PowerPoint presentation incorporate a variety of audio and visual cues to enhance audience members understanding and retention of key concepts. In addition, audience participation will be encouraged and facilitated by group discussions as well as question and answer periods provided for at the conclusion of each section of the live lecture.*

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.

Please indicate date you will be attending:

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