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 the profession 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 has received several awards for outstanding teacher of the year. Tom is also a member of the faculty of the American Dental Hygienists’ Association 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. Tom is also well known for his contributions to several dental professional journals, including General Dentistry, AGD Impact, Access Magazine and RDH Magazine. In addition, Tom has served as a contributor, chapter author and peer reviewer for several dental pharmacology textbooks and national board exam review books.

As a professional speaker, Tom has presented hundreds of continuing education courses, nationally and internationally, and has earned his reputation as the go-to specialist for correlating pharmacology concepts to the everyday practice of dentistry. Through his informative, humorous and engaging seminars, Tom provides an overview of the most prevalent oral and systemic diseases, the most frequently prescribed drugs used in their treatment, pertinent dental therapeutic considerations and strategies for implementing effective patient care plans. Tom is a featured presenter for Seattle Study Clubs and, in addition, has presented seminars to sell-out audiences at the Thomas P. Hinman Dental Meeting, the Greater New York Dental Meeting, the Chicago Midwinter Meeting, the Yankee Dental Congress, and the Symposium of the International Dental Professionals of Switzerland.

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

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SEMINAR LOCATIONS

SATURDAY, NOVEMBER 23, 2019

Homewood Suites by Hilton
1650 Pullman Ln • Hagerstown, MD 21740

8 CEUs

Day of Parking: Complimentary. Use open lots.

SUNDAY, NOVEMBER 24, 2019

Falls Church Marriott Fairview Park
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Refund Policy

Full refund less a $50 non-refundable deposit per registrant with a written notice postmarked or faxed NO LATER than November 15, 2019. No refund will be given after that date. A 2 year credit (with $50 administration 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.

CLOSING TIMES

CLOSING TIMES are subject to the discretion of the speaker or as noted on tickets or brochures. Check the closing times for each seminar for more information.

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Pharmacology and Therapeutics of Local Anesthesia: An Overview & Update (4 hrs)

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.

Course Outline
I. Local Anesthesia Pharmacology Basics
   A. Neuroanatomy
   B. Neurophysiology
   C. Biochemistry and Mechanism of Action

II. Review of Local Anesthetic Preparations
   A. Local Anesthetic Agents for Injection
   B. Local Anesthetic Agents for Topical Use
   C. VaSOonstrictors

III. Patient Care Considerations
   A. Medical History Review
   B. Physical Evaluation
   C. Significant Drug Interactions
   D. Absolute Contraindications
   E. Relative Contraindications

IV. Patient Management
   A. The Medically Complex Dental Patient
   B. Treatment Modifications
   C. Patient Care Planning

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 elimination
• Discuss the rationale for the use of vaSOonstrictors 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 adverse effects, contraindications, and patient care considerations with the use of local anesthetics.

REGISTRATION FORM
Cost: $325 for Dentists / $185 for RDHs and Aux. / U.S. Funds
Payment Options:
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Confirm Order:
Confirmation & Hotel Directions will be mailed 10 business days prior to the seminar. Please complete the registration form to ensure prompt delivery.

Pharmacology and Therapeutics of Local Anesthesia:
An Overview & Update (4 hrs)

Course Description
According to the DEA, cannabis remains a Schedule 1 substance. As such, it is considered to have no accepted medical use and, thus, is illegal to possess. Yet, the United States has seen a broad-based trend toward state-level decriminalization of cannabis, with almost every state enacting legislation aimed at legalizing and/or decriminalizing cannabis for medical and/or recreational usage. Notwithstanding this rise in social and legal acceptance, public health concerns regarding the use of cannabis remain, especially among dental professionals, since the major routes of administration of cannabis involve the oral cavity. This program will introduce dental professionals to the most current information regarding the pharmacology of cannabis, including its various dosage forms, routes of administration and adverse effects. Special emphasis will be placed on the effects of cannabis use on oral health and dental treatment, as well as the proposed use of cannabis in dentistry for the management of pain and anxiety and odontogenic pain.

Course Outline
V. Cannabis Basics
   A. History
   B. Types of cannabis
   C. Legal Status
   D. Proposed Uses in Dentistry

VI. Clinical Pharmacology
   A. Mechanism of Action
   B. Drug-Receptor Activity
   C. Endocannabinoids
   D. Routes of Administration
   E. Available Formulations

VII. Pharmacologic Effects
   A. CNS Effects
   B. Respiratory Effects
   C. Gastrointestinal Effects
   D. Immunological Effects
   E. Effects on Other Organ Systems

VIII. Clinical Considerations
   A. Adverse Reactions
   B. Interactions with Medications
   C. Interactions with Dietary Supplements
   D. Contraindications

IX. Dental Considerations
   A. Effects on the Oral Cavity
   B. Effects on Dental Treatment
   C. Treatment Modifications
   D. Patient Care Planning

Learning Objectives
Upon successful completion of this program, participants will be able to:
• Discuss the history and various types of cannabis, as well as its current legal status and proposed uses in dentistry.
• Describe the pharmacology of cannabis, including its mechanism of action, routes of administration and available dosage forms.
• Identify the pharmacologic effects of cannabis on major organ systems.
• Explain the clinical considerations of cannabis use, including adverse reactions, drug interactions and contraindications.
• Examine the dental considerations of cannabis, including effects on dental treatment, potential treatment modifications, and patient care planning.

Appropriate Prescribing Practices for Opioid Analgesics in the Dental Office (2 hrs)

Course Description
Management of acute dental pain is accomplished with the use of non-opioid and opioid analgesics. However, this normally occurs outside the dental office, away from the immediate supervision of the clinician, who is often faced with the difficult task of managing patient pain while also avoiding adverse outcomes for both the patient and their communities. Thus, it is critical for clinicians to be able to accurately identify the need for pain control, individualize patient care based on this need as well as associated risks, assess the efficacy of analgesic agents prescribed and monitor their appropriate use, and recognize non-opioid and opioid analgesics. Special emphasis will be given to appropriate prescribing practices for opioid analgesics.

Course Outline
X. The Concept of Pain
   A. Pain Threshold and Pain Tolerance
   B. Psychosocial and Emotional Factors
   C. Pathophysiology of Pain

XI. Identification of Opioid Addiction
   A. Techniques and Case For Identifying Opioid Abuse
   B. Strategies For Managing Opioid-Abusing Patients

XII. Management of Acute Dental Pain - Non-Opioid Analgesics & Acetaminophen (APAP)
   A. Clinical Pharmacology
   B. Available Formulations
   C. Codeine, Hydrocodone, Oxycodone
   D. Mechanism of Action
   E. Pharmacologic Effects
   F. Clinical Considerations - Adverse Reactions, Drug Interactions & Contraindications

XIII. Management of Acute Dental Pain - Opioid Analgesics
   A. Clinical Pharmacology
   B. Available Formulations
   C. Opioids (Morphine, hydromorphone)
   D. Mechanism of Action
   E. Pharmacologic Effects
   F. Clinical Considerations - Adverse Reactions, Drug Interactions & Contraindications

XIV. Appropriate Opioid Prescribing Practices
   XV. Preventing Opioid Abuse and Diversion

Learning Objectives
Upon successful completion of this program, participants will be able to:
• Describe the pharmacology and mechanism of action of non-opioid and opioid analgesics, as well as their potential for abuse.
• Employ the intended role of non-opioid and opioid analgesics in the treatment of dental pain, as well as situations which may preclude their use.
• Describe strategies useful in developing a pain management plan that is individualized for a patient’s needs and underlying medical conditions.
• Understand appropriate prescribing practices to utilize in everyday clinical situations.

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 retention, 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.”

“Pre-registration deadline is 7/18/21. For late registration, call (603) 736-9200. For purchase orders or group rates, please contact office. All cancellations: 30 days notice required. A 50% processing fee will be charged for all cancellations and substitutions. This course has been approved for 8 CEUs by the New Hampshire Dental Society. 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
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Registration Form
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Conf 8 CEUS 7:45 am - 8:30 am Registration & Continental Breakfast 12:30 - 1:00 pm Lunch Included 8:30 am - 5 pm Course Hours 8 CEUS