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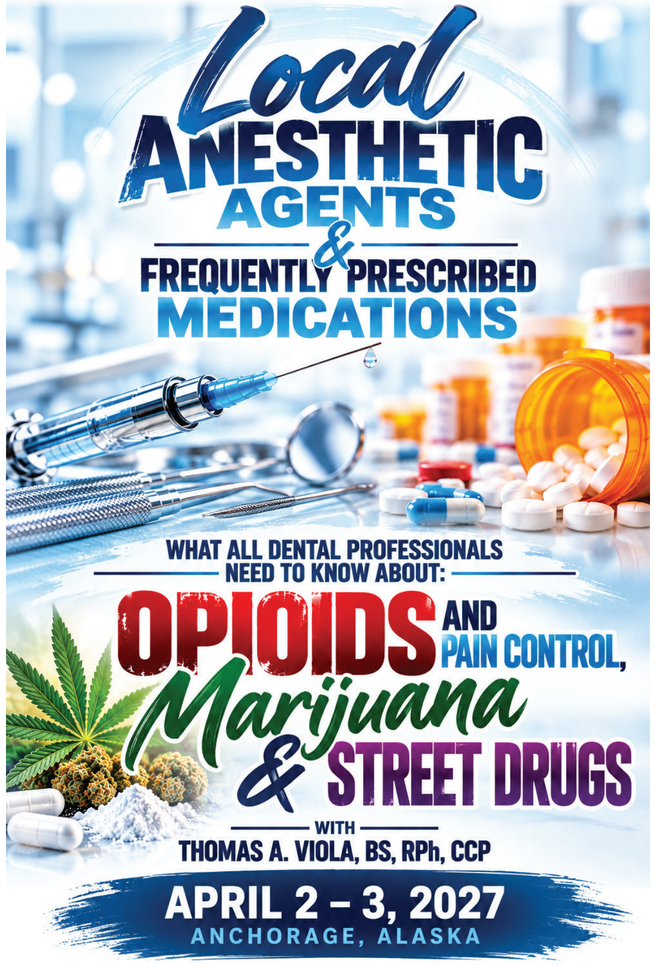
THOMAS A. VIOLA, BS, RPH, CCP
Anchorage, Alaska • April 2027

ConcordSeminars
For the Dental & Medical Professions
PO Box 700
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Concord Dental & Medical Seminars announces
TWO Continuing Education Courses for the ***Entire*** Dental Team



ABOUT THE SPEAKER



Tom Viola, R.Ph., C.C.P., brings more than 30 years of experience as a board-certified pharmacist, clinical educator, professional speaker, and published author. His work has earned him a national and international reputation as the leading specialist in making pharmacology practical and relevant for every member of the dental team.

As founder of Pharmacology Declassified, Tom bridges two worlds, offering clear insight into the dental considerations of general medicine and the medical considerations of general dentistry. He serves on the faculty of colleges and universities nationwide and has been honored multiple times as Teacher of the Year.

Tom's writing appears in numerous professional journals and pharmacology textbooks, and as a speaker he has been recognized across the industry as a leader in continuing dental education. Since 2001, he has delivered over 2000 engaging and informative seminars and webinars to dental professionals.

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.

"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."

CONTACT US

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Concord Dental and Medical Seminars is an ADA CERP Recognized Provider.

ADA CERP is a service of the American Dental Association to assist dental professionals in identifying quality providers of continuing dental education. ADA CERP does not approve or endorse individual courses or instructors, nor does it imply acceptance of credit hours by boards of dentistry.

Concord Dental and Medical Seminars designates this activity for 8 continuing education credits.

SEMINARS LOCATION

Friday & Saturday, April 2 & 3, 2027

Crowne Plaza Anchorage ~ Midtown

109 W. International Airport Rd • Anchorage, AK 99518
(907) 433-4100

Day of Parking: *Complimentary.* Use open lots.
Rooms: Reserved at *$XXX/night* until X. Mention Concord Dental Seminars.

Confirmations will be emailed prior to the seminar. Please provide a valid email for all registrants attending.

DAILY TUITION (Per Person)

Dentists	Hygienists & Auxiliaries	RDH & Aux w/ Dentist*
$359	**$219**	**$189**

*Staff Rate applicable only when Dentist pays full price & registers at the same time with one payment method

EARLY BIRD RATE
SAVE $10 PER REGISTRANT
IF BEFORE **JANUARY 1, 2027**

DAY 1 DAY 2 REGISTER FOR BOTH DAYS & SAVE!

SAVE $30/PERSON
off the total tuition when registering for both days!

Add $15 per registrant if after March 26, 2027

REFUND POLICY: Full refund less $75/person non-refundable deposit with an emailed or written cancellation received NO LATER than **March 26**. No refund will be given after that date. A 2 year credit *(with $75/person administration fee)* for another seminar will be issued.

WHAT'S INCLUDED IN-PERSON

- Continental Breakfast
- Coffee Break
- Course Manual
- Lunch
- Dessert Break
- Certificate for 8 CE Credits*

** 8 CEUs are awarded based on attendance of entirety of lecture. Late arrival or early departure will result in adjustment of credit.*

How does Live Streaming work?

LIVE STREAM OPTION AVAILABLE!

1. Register for the "Live Stream" option.
2. Receive a link from Zoom
3. Download Zoom Workplace at: **zoom.us/download**
4. Join from any device with an internet connection. You'll see the presentation better on a laptop or something with a larger screen than a phone, but it's not required.
5. Receive your CE within 1 business day.

COURSES AT A GLANCE

7:45 - 8:30 AM
Registration & Continental Breakfast Daily

12:30 - 1 PM
Lunch Included Daily

8:30 AM - 5 PM
Course Hours 8 CE Credits Each Day

FRIDAY'S COURSE DESCRIPTION

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

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.

Frequently Prescribed Medications and Their Dental Considerations (4 hrs)

Throughout the course of their everyday practice, dental professionals must frequently draw upon their knowledge 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 career 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 administered or prescribed in dental practice, as well as to drugs whose actions, side effects, or interactions with other drugs may impact dental healthcare.

FRIDAY'S COURSE OUTLINE

LOCAL ANESTHESIA

- **Local Anesthesia Pharmacology Basics**
  - Neuroanatomy
  - Neurophysiology
  - Biochemistry & Mechanism of Action
- **Review of Dental Local Anesthetic Preparations**
  - Local Anesthetic Agents for Injection
  - Local Anesthetic Agents for Topical Use
  - Vasoconstrictors
- **Patient Care Considerations**
  - Medical History Review • Physical Evaluation
  - Significant Drug Interactions • Absolute Contraindications
  - Relative Contraindications • Considerations with Epinephrine
- **Patient Management**
  - The Medically Complex Dental Patient
  - Treatment Modifications • Patient Care Planning

PRESCRIBED MEDICATIONS

- **Overview of Frequently Prescribed Drugs**
  - Cardiovascular Agents • Gastrointestinal Agents
  - Respiratory Agents • Central Nervous System Agents
  - Endocrine Agents • Miscellaneous Agents
- **Patient Care Considerations**
  - Importance of the Medical History
  - Significant Interactions
  - Significant Drug Interaction
  - Significant OTC Drug/Supplement Interactions
  - Significant Illicit Drug Interactions
  - Contraindications
  - Treatment Modifications and Patient Care Planning

FRIDAY'S LEARNING OBJECTIVES

Upon completion of this course, attendees 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.
- 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.

WHILE NOT REQUIRED, IT IS HIGHLY RECOMMENDED TO ATTEND BOTH SEMINAR DAYS FOR THE MOST BENEFIT.

SATURDAY'S COURSE DESCRIPTION

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

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 for their appropriate use. ***This program will provide participants with an overview of the pharmacology of pain control and the effective management of acute dental pain using non-opioid and opioid analgesics.*** Special emphasis will be given to appropriate prescribing practices for opioid analgesics.

Cannabis & Oral Health: What You Need to Know (2 hrs)

According to the DEA, cannabis remains a Schedule I substance. As such, it is considered to have no accepted medical use and, thus, it is illegal to possess. Yet, the United States has seen a clear, 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 patient anxiety and odontogenic pain.

Street Drugs, Dental Considerations and Patient Care Planning (4 hrs)

It's a fast-paced world and, unfortunately, many of our patients seek the assistance of substances to cope and get through their busy, trying days. However, the use and abuse of both illicit and licit substances has the potential to produce systemic adverse reactions and life-threatening medical emergencies during dental treatment.

This program will provide participants with an overview of the most common substances of abuse, along with their potential contraindications to dental therapy and the resulting necessity, if any, for dosage modifications of commonly used dental drugs. Using case scenarios, special emphasis will be given to developing patient management strategies and treatment planning techniques essential for successfully identifying, and delivering proper care to, our substance-abusing patients.

SATURDAY'S LEARNING OBJECTIVES

Upon completion of this course, attendees will be able to:

- Describe the pharmacology and mechanism of action of non-opioid and opioid analgesics, as well as their potential for abuse.
- Explain 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.

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 formulations.
- Identify the pharmacologic effects of cannabis on major organ systems.
- Explain the clinical considerations of cannabis use, including adverse reactions, drug interactions and contraindications.
- Explore the dental considerations of cannabis, including effects on dental treatment, potential treatment modifications, and patient care planning.
- Discuss the impact of substance dependence and abuse on dental therapy and on overall patient health.
- Identify the most common illicit and licit substances of abuse and dependence and discuss:
  - Street names
  - Common adverse effects
  - Oral manifestations
  - Dental treatment considerations
- Describe techniques useful in identifying and addressing substance dependency.
- Discuss strategies necessary for successfully managing substance-abusing patients.

SATURDAY'S COURSE OUTLINE

OPIOID PRESCRIBING PRACTICES

- **The Concept of Pain**
  - Pain Threshold and Pain Tolerance • Psychosocial and Emotional Factors • Pathophysiology of Pain
- **Identification of Opioid Addiction**
  - Techniques and Cues For Identifying Opioid Abuse • Strategies For Managing Opioid-Abusing Patient
- **Management of Acute Dental Pain - Non-opioid Analgesics & Acetaminophen (APAP)**
  - Clinical Pharmacology • Equianalgesic Doses
  - NSAIDs
    - Mechanism of Action • Pharmacologic Effects
    - Clinical Considerations - Adverse Reactions, Drug Interactions & Contraindications
- **Management of Acute Dental Pain - Opioid Analgesics**
  - Clinical Pharmacology • Available Formulations
  - Codeine, Hydrocodone, Oxycodone
    - Mechanism of Action • Pharmacologic Effects
    - Clinical Considerations - Adverse Reactions, Drug Interactions & Contraindications
- **Appropriate Opioid Prescribing Practices**
- **Preventing Opioid Abuse and Diversion**

CANNABIS & ORAL HEALTH

- **Cannabis Basics**
  - History and Types of Cannabis • Legal Status
  - Proposed Uses in Dentistry
- **Clinical Pharmacology**
  - Mechanism of Action • Drug-Receptor Activity
  - Endocannabinoids • Routes of Administration
  - Available Formulations
- **Pharmacologic Effects**
  - CNS Effects • Respiratory Effects • Gastrointestinal Effects
  - Immunological Effects • Effects on Other Organ Systems
- **Clinical Considerations**
  - Adverse Reactions • Interactions with Medications / Supplements
  - Contraindications
- **Dental Considerations**
  - Effects on the Oral Cavity and Dental Treatment
  - Treatment Modifications • Patient Care Planning

STREET DRUGS

- **Substance Use, Abuse and Dependence**
- **Substance Dependence as a Disease**
- **Biochemical Nature of Substance Use Abuse & Dependence**
- **Impact of Substance Dependence on Patient Health & Care**
- **Identifying Substance Dependence**
- **Dependency and Controlled Substances**
- **Substances of Abuse and Dependence**
  - Stimulants
    - Cocaine, Methamphetamine, MDMA
    - Prescription Drugs for ADHD, "Bath Salts"
  - Depressants
    - Benzodiazepines • Rohypnol, GHB
  - Hallucinogens
    - Ketamine, Dextromethorphan
    - Salvia, Antihistamines, Inhalants
  - New on the Street
- **Addressing Substance Dependency**
- **Preventing Drug Diversion in the Dental Office**

REGISTRATION FORM / U.S. Funds

Attend both seminars, take an additional $15 off each day *($30 total in savings)* **per registrant**

Cost: **$359** for Dentists / **$219** for RDHs and Aux. / U.S. Funds
$189 for RDHs + Aux. in Attendance w/ Dr.

Early Bird Rate: Deduct $10/registrant if before **1/1**; ***Late Fee:*** Add $10/registrant if after **3/26**

Please see refund policy on reverse side. By registering, you agree to Terms of the policy.

Please *clearly* enter your name as it appears w/ State Board for CE credit.

Check date(s) you will be attending:

Local Anesthesia + Freq. Prescribed Meds
☐ **Friday, April 2** ☐ ***LIVE STREAM OPTION***

Opioids, Marijuana + Street Drugs
☐ **Saturday, April 3** ☐ ***LIVE STREAM OPTION***

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