The challenge faced by all dental professionals today is to provide safe and effective treatment to our medically complex patients.

As dental professionals, we must be equally aware of the medical considerations of agents commonly used in the practice of dentistry as well as the dental considerations of the medications frequently prescribed for the treatment of multiple systemic diseases.

In his dynamic, information-packed programs, Tom Viola, R.Ph., C.C.P. draws from his 30+ years' experience as a pharmacist, educator, speaker and author to offer a complete overview of the principles of dental pharmacology.

Make Pharmacology what it was always meant to be: your most valuable instrument in treating today's medically complex patient.

### Presentations

#### Dental Pain Management

- **“I Haven’t Got Time for this Pain”**  
  Dental Pain Management For The Entire Team!

- **“Hurts So... Good!”**  
  Management of Acute Dental Pain and Appropriate Opioid Prescribing

- **“I Have Become... Comfortably Numb!”**  
  Local Anesthetics, Vasoconstrictors and Clinical Dental Considerations

#### Medically Complex Patient Management

- **“It’s (Medically) Complicated!”**  
  Essential Pharmacology for Treating Medically Complex Dental Patients

- **“Top of the Heap”**  
  Frequently Prescribed Medications and Clinical Dental Considerations

- **“Take It On The Run, Baby!”**  
  Cannabis and Other Substances: Patient Care Considerations

- **“The Chamber of Self-Medication Secrets”**  
  Self-Medication: Dental Considerations and Patient Care Planning

#### Disease State Management

- **“Sugar? Yes, Please!”**  
  Diabetes: Dental Considerations and Patient Care Planning

- **“Un-Break My Heart”**  
  Cardiovascular Disease: Dental Considerations and Patient Care Planning

- **“Bad to the Bone”**  
  Osteoporosis: Its Treatment and the Link to Osteonecrosis

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THOMAS A. VIOLA, R.Ph., C.C.P.  609-504-9252 • Tom@TomViola.com • www.TomViola.com
Management of acute odontogenic pain is accomplished through a clinical approach that successfully incorporates intraoperative local anesthesia and a postoperative regimen of non-opioid and opioid analgesics. However, improper and inappropriate use of both local anesthetic agents and analgesics have the potential to produce adverse outcomes for our patients. Thus, it is critical for clinicians to accurately evaluate the need for pain control, identify associated risks, and assess the efficacy of the agents to be administered.

This program will provide participants with a comprehensive understanding of the pharmacology and therapeutics of local anesthetic agents and analgesics. Special emphasis will be given to effective perioperative pain management and best practices for prescribing analgesics for postoperative pain control.

Could optimizing safe, effective, and appropriate pain control help you to retain and acquire patients?

Dental Pain Management for The Entire Team!

Learning Objectives:

- Discuss local anesthetic agents with respect to their mechanisms of action, adverse effects, contraindications and clinical considerations.
- Differentiate between the two major classes of local anesthetic agents with respect to their distribution, metabolism, adverse effects, drug interactions and contraindications.
- Specify the various local anesthetic agent combinations most commonly used in dentistry and the rationale for their use in specific clinical situations.
- Explain the rationale for the use of vasoconstrictors and potential adverse effects.
- Describe the pharmacology and mechanism of action of analgesics used in the management of acute dental pain, including situations which may preclude their use.
- Examine the intended role of opioid and non-opioid analgesics in the treatment of acute dental pain, as well as situations which may preclude their use.
- Discover best practices for prescribing analgesics, as well as proper storage and disposal of unused dosages.
- Identify techniques useful in recognizing and identifying potential opioid addiction and current protocols for its treatment.

Suggested Audience:
Dentist, Dental Hygienist, Full Team

Suggested Format:
Full or Partial Day; Lecture, Workshop, Keynote
Management of Acute Odontogenic Pain

Management of acute odontogenic pain is accomplished through a clinical approach that successfully incorporates both opioid and non-opioid analgesics. However, moderate to severe dental pain often occurs well after office hours and away from our immediate supervision. Thus, it is critical for clinicians to be able to accurately identify a patient’s need for pain control, develop an individualized pain management plan and assess the efficacy of analgesic agents employed.

This program will provide strategies for effectively managing dental pain with opioid and non-opioid analgesics and analgesic adjuvants, while also mitigating associated risks. Special emphasis will be given to appropriate practices for prescribing analgesics as well as identification and treatment of opioid analgesic abuse.

Every day, more than 115 Americans die after overdosing on opioids.
(National Institute on Drug Abuse)

Learning Objectives:

- Understand the pharmacology and mechanism of action of opioid and non-opioid analgesics, as well as their potential for abuse.
- Identify the intended roles of these analgesics in the treatment of acute dental pain, as well as situations which may preclude their use.
- Discuss best practices for prescribing opioid analgesics as part of an individualized patient pain management plan.
- Describe techniques useful in recognizing and identifying potential addiction as well as avoiding potential drug diversion.
- Learn current protocols for the management and treatment of opioid addiction.
- Examine guidelines for proper storage and disposal of unused dosages.

“So much practical information! So many, many laughs! You held my attention every second! I’m blown away!”
—M.B., Yankee Dental Congress
Management of odontogenic pain may be accomplished through a clinical approach that successfully incorporates intraoperative local anesthesia. However, improper and inappropriate use of local anesthetic agents has the potential to produce life-threatening, systemic adverse reactions. Thus, a thorough knowledge of the pharmacology and therapeutics of local anesthetic agents is essential for their safe and effective use.

This program will provide participants with an overview of local anesthetic agents commonly used in dental practice. Special emphasis will be given to developing strategies and techniques essential to accurately identify the need for pain control, individualize patient care, and assess the efficacy of the local anesthetic agents administered.

More than 54% of medical emergencies occur during or immediately following local anesthesia administration. (JADA)

Learning Objectives:
- Explain the basic mechanism of action of local anesthetic agents.
- Differentiate between the two major classes of local anesthetic agents with respect to their distribution, metabolism, adverse effects, drug interactions and contraindications.
- 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.

Suggested Audience:
Dentist, Dental Hygienist, Full Team

Suggested Format:
Partial Day; Lecture, Workshop, Keynote
Dental professionals must frequently draw upon their knowledge of pharmacology for optimal care of today's medically complex dental patients. However, pharmacology often represents only a small portion of most dental degree programs. Armed with a relatively brief exposure to this vast subject, many dental professionals simply cannot keep up with the latest trends in disease state management.

This comprehensive program explores the dental implications of the prescription medications, non-prescription medications, herbal products, nutritional supplements and substances of abuse most frequently used by patients. Participants receive this essential information in a format which is not only practical and applicable but also highly entertaining for the entire dental team.

Learning Objectives:

- Identify the prescription medications most frequently encountered on a patient’s medical history and discuss their indications for use, adverse reactions and impact on dental therapy.
- Discuss the non-prescription medications most often used by dental patients and explain their impact on dental therapy, including situations which preclude their use.
- Explore the most popular herbal products and nutritional supplements and discuss their purported uses and dental considerations.
- Know the most common substances of abuse and describe their oral manifestations and dental treatment considerations.
- Discover techniques for identifying and managing self-medicating and substance-abusing patients.

Suggested Audience:
Dentist, Dental Hygienist, Full Team

Suggested Format:
Full or Partial Day; Lecture, Workshop, Keynote
Frequently Prescribed Medications and Clinical Dental Considerations

The challenge faced by all clinicians today is to provide safe and effective dental treatment to our medically complex patients.

Dental professionals find themselves practicing in a marketplace awash in direct to consumer advertising of prescription drugs and in the midst of an explosion of new drug entities over the last several years. Thus, many dental professionals may find it challenging to stay up to date with the latest prescribing trends in disease state management.

This program will provide an overview of those frequently prescribed brand name medications whose actions, side effects, contraindications and potential drug interactions may have the greatest impact on dental therapy.

Learning Objectives:

- Identify the most frequently prescribed FDA-approved brand name medications for the treatment of systemic illnesses.
- Discuss the basic mechanisms of action, potential adverse reactions, drug interactions and contraindications of these medications.
- Explain the clinical dental considerations of these medications and their potential impact on dental therapy.
- Describe patient management strategies essential for successful treatment planning and proper care of our medically complex dental patients.

Suggested Audience:
Dentist, Dental Hygienist, Full Team

Suggested Format:
Partial Day; Lecture, Workshop, Keynote

THOMAS A. VIOLA, R.Ph., C.C.P.  609-504-9252 • Tom@TomViola.com • www.TomViola.com
The use and abuse of both licit and illicit substances has the potential to produce adverse reactions and life-threatening medical emergencies during dental treatment. This comprehensive program will explore strategies for identifying the dental patient using and abusing substances, as well as techniques for effective patient management and treatment. Special emphasis will be given to a discussion of patients using cannabis for both medical and recreational purposes.

Learning Objectives:
- Discuss the impact of substance dependence and abuse on dental therapy and on overall patient health.
- Explore the world of the most commonly used street drugs with regard to:
  - Street names
  - Common adverse effects
  - Oral manifestations
  - Dental treatment considerations
- Describe techniques useful in identifying and successfully managing patient substance use and dependency.

Suggested Audience:
Dentist, Dental Hygienist, Full Team

Suggested Format:
Partial Day; Lecture, Workshop, Keynote

Cannabis and Other Substances: Patient Care Considerations

It’s a fast-paced world and many patients may seek the assistance of substances to cope and get through their busy, trying days.


Think you know what these are?
These are the names for some of the most common street drugs.
Armed with limited information and faced with rising prescription drug costs, many patients self-medicate with prescription and OTC drug products. Often this is not mentioned during their exam and review of their medical history. Unfortunately, this may put patients at risk for potentially serious interactions and adverse outcomes.

This program provides participants with an overview of the dental considerations of the most popular prescription and non-prescription drugs and supplements which patients use to self-medicate. Special emphasis will be given to techniques useful in successfully identifying self-medication and obtaining a complete patient medication history.

Self-Medication: Dental Considerations and Patient Care Planning

What is your patient NOT telling you about what is in their medicine cabinet?

Learning Objectives:

- Identify and evaluate the potential considerations and impact on dental therapy from self-medication with:
  - Prescription and over-the-counter drugs
  - Herbal and nutritional supplements
  - Licit and illicit substances
- Learn techniques for successfully recognizing and managing self-medicating patients
- Discover effective communication strategies for obtaining a complete medical history

Suggested Audience:
Dentist, Dental Hygienist, Full Team

Suggested Format:
Partial Day; Lecture, Workshop, Keynote

THOMAS A. VIOLA, R.Ph., C.C.P.  609-504-9252  Tom@TomViola.com  www.TomViola.com
Diabetes and its co-morbidities remain a leading cause of death and their systemic complications have a significant impact on dental therapy. Would you know the symptoms if you saw them?

This program explores diabetes, the arsenal of medications used in its treatment and the impact of both the disease and its treatment on dental therapy. Participants will explore patient management strategies essential for successful treatment planning and proper care of our diabetic patients. Special emphasis will be placed on the complex interplay between diabetes and the oral-systemic connection.

While millions of Americans with diabetes have been diagnosed, a significant number remain undiagnosed.

Diabetes and its co-morbidities remain a leading cause of death and their systemic complications have a significant impact on dental therapy. Would you know the symptoms if you saw them?

This program explores diabetes, the arsenal of medications used in its treatment and the impact of both the disease and its treatment on dental therapy. Participants will explore patient management strategies essential for successful treatment planning and proper care of our diabetic patients. Special emphasis will be placed on the complex interplay between diabetes and the oral-systemic connection.

Learning Objectives:

- Identify the different types of diabetes, including symptoms and differential diagnosis.
- Describe the complex interplay of diabetes and the oral-systemic connection.
- Review the classes of medications used in the treatment of diabetes and its co-morbidities.
- Explore patient management strategies essential for successful treatment planning and proper patient care.

"Thank you for making me laugh AND learn! Only you could make pharmacology THIS enjoyable and useful!"  
—D.H., Greater New York Dental Meeting

Suggested Audience:
Dentist, Dental Hygienist, Full Team

Suggested Format:
Partial Day; Lecture, Workshop, Keynote
Cardiovascular Disease: Dental Considerations and Patient Care Planning

Did you know that cardiovascular disease is often asymptomatic and undiagnosed, only to be discovered during a routine medical or dental check-up?

Cardiovascular disease and its systemic complications remain the leading cause of death for both men and women and has a significant impact on dental therapy.

This program explores the family of cardiovascular diseases (including hypertension, coronary artery disease, hyperlipidemia, and congestive heart failure) and the medications used in their treatment. Participants will explore patient management strategies essential for successful treatment planning. Special emphasis will be given to newly approved anticoagulant agents and their effect on dental therapy.

Learning Objectives:
• Identify the different cardiovascular diseases and classes of medications used in their treatment.
• Explore the clinical implications of these medications including adverse reactions and contraindications to dental therapy.
• Discuss the newest anticoagulants available including their adverse reactions and patient care considerations.
• Describe the treatment modifications and care planning strategies recommended for dental patients with cardiovascular disease.

“This was by far the BEST presentation I’ve been to in 30 years of practice! I didn’t want it to end! Really!”
—R.L., Hinman Dental Meeting

Suggested Audience:
Dentist, Dental Hygienist, Full Team

Suggested Format:
Partial Day; Lecture, Workshop, Keynote
Osteoporosis: Its Treatment and the Link to Osteonecrosis

Much misinformation exists about osteoporosis and the dental effects of the medications used in its prevention and treatment.

According to the International Osteoporosis Foundation, osteoporosis causes more than 8.9 million fractures annually, resulting in an osteoporotic fracture every 3 seconds. Studies suggest that in the United States approximately one in two women and up to one in four men age 50 and older will break a bone due to osteoporosis.

This program provides an overview of osteoporosis and the various agents available for its prevention and treatment. Participants will explore essential patient management strategies. Special emphasis will be given to dental patients taking bisphosphonates and other anti-resorptive medications.

Learning Objectives:

- Describe bone metabolism and the pathophysiology of osteoporosis.
- Identify the various agents used in the prevention and treatment of osteoporosis, including their adverse reactions and dental considerations.
- Describe the role of anti-resorptive medications, including oral bisphosphonates, in the treatment of osteoporosis.
- Examine the pathophysiology of medication-associated osteonecrosis and treatment guidelines for patients receiving anti-resorptive medication therapy.

Suggested Audience:
Dentist, Dental Hygienist, Full Team

Suggested Format:
Partial Day; Lecture, Workshop, Keynote
Dental professionals are tasked with the safe and effective management of medically complex patients.

Knowledge of dental pharmacology has never been more essential to patient care.

With over 30 years' experience as a pharmacist, educator, speaker and author, Tom Viola, R.Ph., C.C.P. has earned his reputation as the go-to specialist for delivering quality continuing education content through his informative engaging presentations. Tom’s sellout programs provide an overview of the most prevalent oral and systemic diseases and the most frequently prescribed drugs used in their treatment. Special emphasis is given to dental considerations and strategies for effective patient care planning.

As a clinical educator, Tom is a member of the faculty of twelve dental professional degree programs and has received several awards for outstanding teacher of the year. Tom instructs dental hygiene students and practice dental hygienists in pharmacology and local anesthesia in preparation for national board exams.

As a published writer, Tom is well known internationally for his contributions to several professional journals in the areas of pharmacology, pain management and local anesthesia. In addition, Tom has served as a contributor, chapter author and peer reviewer for several pharmacology textbooks.

As a professional speaker, Tom has presented continuing education courses to dental professionals internationally since 2001. Meeting planners agree that Tom is their choice to educate audiences within this specialty.