

## OUTLINE

### Drug/Drug Interactions to Look Out for with Existing Patient Medications

Opioids  
NSAIDS  
Benzodiazepines  
Marijuana  
Herbal Supplements  
Antibiotics  
BP Medications  
Blood Thinners  
Cholesterol Medications  
Thyroid Medications  
Anti-Diabetic Medications  
SSRI's  
Weight Loss Medications  
Immunosuppression Medications

### New Multimodal Clinical Pain Management Strategies:

Advanced Evidence-Based Pain Management Principles to Lessen the Need for Opioids  
Pharmacology, Adverse Reactions, & Contraindications of OTC Analgesics & Opioids.  
Aspirin, Ibuprofen, and Naproxen – (Non-NSAID Acetaminophen)

### What are Opioids?

Opioid Analgesics / Opioid Receptors / Opioid Metabolism  
Indications, Dosage, Precautions, Pharmacologic Effects & Adverse Reactions for:  
Codeine/Acetaminophen  
Hydrocodone  
Oxycodone  
Tramadol  
History of the Opioid Epidemic – it is NOT what you think...  
The NEW Benzodiazepine Epidemic

### What is New in the Last Five Years?

Opioids and the ADA, FDA, CDC & Media  
New Malpractice Implications of Dental Opioid Prescriptions, FEAR the Lawyers!  
Signs and Symptoms of Opioid Disorder - Opioid Abuse, Addiction & Antagonists  
The Potential New Criminal Implications of Dental Opioid Prescriptions, Its Real!

### There is a New Standard of Care for Dental Infections

Microbial Culture & Sensitivity Testing of Difficult Infections  
How to Bill with Dental Codes and Where to Send Culture Samples

## OBJECTIVES

1. Determine the 20 most common drugs that your dental patient may be taking with interactions and contraindications, including marijuana, new anticoagulants, new weight loss pills and nutritional supplements.
2. Evaluate clinically proven new and modern pain management principles and strategies mandated by the FDA and the CDC concerning opioids.
3. Analyze the dentist and hygienists role in understanding new resistant dental pathogens and new antibiotic regimens in the era of multi-drug resistant infections.
4. Assess new evidence concerning antibiotic prophylaxis regimens for your patients, and how this will affect you medical/legally.
5. Point out malpractice issues with prescribing opioids, antibiotics, and combinations of meds.
6. Integrate updated Customizable Opioid Informed Consent Forms and new updated Drug History Forms into your practice to satisfy government mandates and prevent malpractice claims
7. Specify new anticoagulants, weight loss medications and nutritional supplements that your patients may be taking.

### TARGET AUDIENCE:

Dentists • Dental Hygienists • Dental Assistants • Dental Office Managers • Pharmacists  
Pharmacy Technicians

Questions? Call customer service at **800-844-8260**

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# 2019 Pharmacology Update for Dentists & Pharmacists

## Opioids, Marijuana, Benzodiazepines, NSAIDS, Antibiotics and More!



**RALEIGH, NC**

Wednesday, February 6, 2019

**CHARLOTTE, NC**

Thursday, February 7, 2019



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# 2019 Pharmacology Update for Dentists & Pharmacists

## Opioids, Marijuana, Benzodiazepines, NSAIDS, Antibiotics and More!

**NEW!**

**Federal Regulations,  
Opioid Malpractice  
Concerns, Opioid  
Criminal Exposure  
and Licensure  
Issues...**

**You will not believe  
the changes!**

- Prevent Critical Pharmacology Errors and Avoid Malpractice Lawsuits!
- Comprehensive Updates on the Drugs Most Commonly Prescribed by Dentists
- Prevent Adverse Drug Reactions from Marijuana, Weight Loss Medications & Nutritional Supplements
- New Evidence Concerning Antibiotic Prophylaxis Regimens & Resistant Dental Pathogens
- The New Standard of Care in Dentistry: Microbial Culture & Sensitivity Testing of Resistant Bacterial Pathogens



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# 2019 Pharmacology Update for Dentists & Pharmacists

## Opioids, Marijuana, Benzodiazepines, NSAIDS, Antibiotics and More!

Did you know that 1 in 5 of your adult patients is currently using Marijuana?

Are you aware that more than half of your patients have an SSRI prescription at home and the other half have either an opioid or benzodiazepine prescription at home before they ask you for medications?

Do you have any idea what concurrent benzodiazepine, marijuana and/or SSRI use means to your medical and pharmacology decisions for these patients, or how you can best protect yourself from a malpractice suit with these patients?

If you are unsure, then you can't afford to miss this opportunity to join Dr. Eric Bornstein for this comprehensive pharmacology update. Dr. Bornstein will make sure you leave this program confident in your knowledge of new prescribing rules, new contra-indications, evidence-based antibiotic therapy and more. And, we'll include free customizable opioid informed consent forms and updated drug history forms. We *guarantee* you will leave this seminar prepared to protect your patient and yourself!

### Live Seminar Schedule

**7:30** Registration/Morning Coffee & Tea

**8:00** Program begins

**Lunch:** 1 hour *(on your own)*

**5:00** Program ends

There will be two 15-min breaks (mid-morning & mid-afternoon).  
Actual lunch and break start times are at the discretion of the speaker.  
A more detailed schedule is available upon request.



PESI Inc. is proud to offer this seminar (at these locations only) free of charge (on live seminar tuition) for veterans and active duty military personnel. **Advance registration by phone required.**



### Have a seminar idea? A manuscript to publish?

The nation's top speakers and authors contact PESI Rehab first. If you are interested in becoming a speaker, or have a new topic idea, please contact Val Whitehead at [vwhitehead@pesi.com](mailto:vwhitehead@pesi.com) or call (715) 855-8166.

## SPEAKER

**ERIC BORNSTEIN, DMD**, is a biochemist, dentist, and photobiologist. He has practiced dentistry for over 20 years, and is a national lecturer. Dr. Bornstein is a widely published author in journals such as *Compendium*, *Dentistry Today*, *Dental Equipment & Materials*, *Dental Products Report* and *Advances in Microbiology*. He serves as the chief medical officer of a Medical Device Company that combines medical devices with pharmacologic therapies and has lectured all over the United States, Canada, Mexico, the UK, Germany, and Israel.

Together with practicing general dentistry, Dr. Bornstein has testified and consulted as a medical and dental malpractice expert witness, working on such cases as Pharmacologic mismanagement of dental patients, pharmacologic error resulting in wrongful death, laser injury, missed diagnoses, nerve damage, implant errors, infections and TMJ injury cases. He has also trained dentists and physicians nationally and internationally in the use of antibiotics, antifungals, and medical devices, and has served as the primary investigator for professional human clinical trials for periodontal therapy, MRSA infections, and fungal infections.

Speaker Disclosures:

Financial: Eric Bornstein is the Chief Science Officer and Chief Medical Officer of Nomir Medical Technologies. He receives a speaking honorarium from PESI, Inc.

Non-financial: Eric Bornstein has no relevant non-financial relationship to disclose.



**Hassle-Free Cancellation Policy:** If you contact us before the event date, you can exchange for a certificate to attend another seminar, or receive a tuition refund less a \$30 cancel fee. Substitutions are permitted at any time.

## Live Seminar Continuing Education Credit Information

*Credits listed below are for full attendance at the live event only. After attendance has been verified, pre-registered attendees will receive an email from PESI Customer Service with the subject line, "Evaluation and Certificate" within one week. This email will contain a link to complete the seminar evaluation and allow attendees to print, email or download a certificate of completion if in full attendance. For those in partial attendance (arrived late or left early), a letter of attendance is available through that link and an adjusted certificate of completion reflecting partial credit will be issued within 30 days (if your board allows). Please see "live seminar schedule" for full attendance start and end times. NOTE: Boards do not allow credit for breaks or lunch.*

*If your profession is not listed, please contact your licensing board to determine your continuing education requirements and check for reciprocal approval. For other credit inquiries not specified below, or questions on home study credit availability, please contact [cepesi@pesi.com](mailto:cepesi@pesi.com) or 800-844-8260 before the event.*

*Materials that are included in this course may include interventions and modalities that are beyond the authorized practice of mental health professionals. As a licensed professional, you are responsible for reviewing the scope of practice, including activities that are defined in law as beyond the boundaries of practice in accordance with and in compliance with your professions standards.*

*PESI, Inc. offers continuing education programs and products under the brand names PESI, PESI Healthcare, PESI Rehab and Psychotherapy Networker.*

**DENTISTS:** PESI, Inc. is designated as an Approved PACE Program Provider by the Academy of General Dentistry. The formal continuing education programs of this program provider are accepted by AGD for Fellowship, Mastership and membership maintenance credit. Approval does not imply acceptance by a state or provincial board of dentistry or AGD endorsement. The current term of approval extends from 10/1/2015 to 9/30/2021. It is offered for 7.0 credit hours. Provider ID# 217543.

**DENTAL HYGIENISTS:** PESI, Inc. is designated as a nationally approved sponsor by the Academy of General Dentistry, which is recognized by many state dental or hygienist boards. Please check your state rules and regulations to determine if this course meets your state criteria.

**PHARMACISTS:** PESI, Inc. is accredited by the Accreditation Council for Pharmacy Education as a provider of continuing pharmacy education. Successful completion of this Knowledge-based activity qualifies for 7.3 contact hours. ACPE Universal Program Number: 0289-0000-19-001-L01-P. Full attendance is required. No partial contact hours will be awarded for partial attendance. You are required to complete a program evaluation/post-test and bring your e-Profile ID to the seminar to receive CPE credit. Don't have your e-Profile ID yet? Visit the National Association of Boards of Pharmacy (NABP) website and complete your e-profile at [www.nabp.net](http://www.nabp.net) in order to obtain your NABP e-Profile ID.

**OTHER PROFESSIONS:** This activity qualifies for 440 minutes of instructional content as required by many national, state and local licensing boards and professional organizations. Save your course outline and certificate of completion, and contact your own board or organization for specific requirements.

## How to Register

2019 PHARMACOLOGY UPDATE FOR DENTISTS & PHARMACISTS  
**Questions?** Visit [www.pesirehab.com/faqs](http://www.pesirehab.com/faqs), or call 800-844-8260

### ONLINE

[pesirehab.com/express/67315](http://pesirehab.com/express/67315)

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Please have credit card available

### FAX

**800-554-9775**

### MAIL

PESI Rehab  
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Eau Claire, WI  
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**1 Please complete entire form** (to notify you of seminar changes):  
*please print; staple duplicate forms.*

#### Mail Code:

*See mail code box on address panel on reverse side*

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**2 Check location:** *(make copy of locations)*

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**3 Check tuition:**

#### TUITION WITH SEMINAR MANUAL

**\$269.99** – choose one of the options below:

- ☐ per person for 2 or more preregistering together —OR—
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PLEASE RETURN ENTIRE REGISTRATION FORM

#### ADA NEEDS

We would be happy to accommodate your ADA needs; please call at least two weeks prior to the seminar date.

#### WALK-INS

Walk-ins are welcome but admission cannot be guaranteed. Call M-F 7:00-6:00 Central Time for space availability if registering within one week of seminar.

#### TUITION OPTIONS

- **FREE Military Tuition:** PESI Inc. is proud to offer this seminar (at these locations only) free of charge (on live seminar tuition) for veterans and active duty military personnel. Advance registration by phone required.
- **\$30 Tuition:** If you are interested in being our registration coordinator for the day, go to: [www.pesirehab.com/coord](http://www.pesirehab.com/coord) for availability and job description, or call our Customer Service Dept. at 800-844-8260.
- **Groups of 10 or more:** Call 800-844-8260 for discounts.
- **Discounted Student Rate:** As part of its mission to serve educational needs, PESI, Inc. offers a reduced rate of 50% off standard tuition for students. Enclose a current student schedule with registration form. Go to [www.pesirehab.com/faqs](http://www.pesirehab.com/faqs) or call 800-844-8260 for details. **Advance registration required.** *Cannot be combined with other discounts.*

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