

OPIOIDS & MARIJUANA: MANAGING THE NATIONWIDE EMERGENCY

Instructor: Eric Bornstein, Chief Medical Officer

Seminar registration is from 7:45 AM to 8:15 AM. The seminar will begin at 8:30 AM. A lunch break (on your own) will take place from approximately 11:30 AM to 12:20 PM. The course will adjourn at 3:40 PM, at which time course completion certificates are distributed.



PROGRAM / LECTURE



7:45 AM to 8:30 AM – Registration

8:30 AM to 10:00 AM – Morning Session

- **The Opioid Crisis Is Not Subsiding:** Definitions, Statistics, Risks of Overdose, and Irreparable Harm. What Needs To Be Done Most Urgently.
- **Street and Illicit Drugs:** Availability, Street Prices, and Channels of Acquisition. How To Tell if Heroin or Oxycontin is "Cut" with Deadly Fentanyl.
- **Predictors of Opioid Abuse:** Patient's Histories and Signs. When To Be Exceptionally Cautious.
- **Neurotransmitters Dopamine, Glutamate, and the Adrenal Hormones.** Why Opioid Addiction Is A Disease and Is So Engrained.
- **Beating Drugs With Painful Honesty.** When Chemicals Induce a False Sense of Purposeful Living.
- **Can A Child Inherit the Drug Habit from Parents?** Discoveries That Contradict "Textbook" Genetics. Reprogramming the DNA/RNA of an Addict.

10:00 AM to 10:10 AM – Break

10:10 AM to 11:30 AM – Mid-Morning Session

- **The Government Takes A Stand: The CDC Guidelines Drastically Restrict Opioids. The Presidential Commission on Harm Reduction.**
- **Heroin Replacement Therapy?** Alternatives to Methadone. The (Almost) Secret Pharmacology of Methadone.
- **Understanding Buprenorphine (Buprenex) and Combination Agonist-Antagonist Medications (Suboxone).**
- **Drug-Free Detox:** Advantages and Risks. Clonidine Protocols and Risks of CNS Toxicity.
- **Schedule IV Opioids and Tramadol:** A Valid Alternative? Minimizing Risks of Abuse.
- **Fentanyl and Synthetic Derivatives.** What Is Being Done To Intercept the Deadly Parcels from China?

11:30 AM to 12:20 PM – Lunch

12:20 PM to 2:00 PM – Afternoon Session

- **Over-the-Counter Opioids:** Abusable Stomach and Cough Remedies. Why Abusers Try To Break the Blood-Brain Barrier.
- **Dental Pain:** What Are the Best and Safest Practices? The 4 "A"s Every Dentist Must Document.
- **Understanding Morphine Milligram Equivalents and Signs of Overdose.**
- **Naloxone and Naltrexone:** Saving a Life and Reducing Harm. What Every American Must Know. Are Generics Less Effective Than Brands?
- **"Beating the Drug Test":** Is It Even Possible? The Poppy-Seed Bagel Defense and the Newest Subterfuge: Biotin Supplementation.

2:00 PM to 2:10 PM – Break

2:10 PM to 3:40 PM – Mid-Afternoon Session

- **Cannabis (Marijuana) and Opioid Overdose.** A Gateway Drug or a Reducer of Risks?
- **What Is Known and What Is Speculated About Marijuana:** From "Reefer Madness" to Better Science.
- **Prescription Use of Cannabinoids:** From Dronabinol to Cannabidiol and Medicinal Cannabis.
- **Does Marijuana "Kill Cancer Cells" or Nerve Cells?** Scientific Facts on Short- and Long-Term Effects.
- **"Would You Prescribe Marijuana to Your Mother?!"** The Re-Scheduling of Cannabis.

Evaluation, Questions, and Answers

Special handout on the current THC and Synthetic Cannabinoid VAPING Crisis is included with tuition.

6 CONTACT HOURS / www.INRseminars.com

MEETING TIMES & LOCATIONS

PEABODY, MA	NATICK, MA	HADLEY, MA	STURBRIDGE, MA	Site Change DEDHAM, MA
Wed., Feb. 26, 2020	Mon., March 2, 2020	Tue., March 3, 2020	Wed., March 4, 2020	Thu., March 5, 2020
8:30 AM to 3:40 PM	8:30 AM to 3:40 PM	8:30 AM to 3:40 PM	8:30 AM to 3:40 PM	8:30 AM to 3:40 PM
Springhill Suites	Verve Hotel Tapestry Collection Hilton	Hadley Farms Meeting House	Sturbridge Host Hotel	Hilton Dedham
43 Newbury St.	1360 Worcester St.	41 Russell St. Rte. 9	366 Main St.	25 Allied Dr.
Peabody, MA 01960	Natick, MA 01760	Hadley, MA 01035	Sturbridge, MA 01566	Dedham, MA 02026

TUITION:

\$83.00 per person with pre-registration (\$98.00 at the door if space remains). Tuition includes a syllabus. (Group pre-registration rate: \$78.00 per person. To qualify, 3 or more registrations must be submitted together. Please list names of all registrants.)

TO REGISTER:

There are **four** ways to register:

- 1) **Online:** www.INRseminars.com
- 2) **By mail:** Complete and return the Registration Form below.
- 3) **By phone:** Register toll-free with Visa, MasterCard, American Express®, or Discover® by calling **1-800-937-6878**. (This number is for registrations only.)
- 4) **By fax:** Fax the completed registration form—including Visa, MasterCard, American Express®, or Discover® Number—to (925) 687-0860.

For all inquiries, please contact customer service at **1-877-246-6336** or **(925) 609-2820**.

Please register early and arrive before the scheduled start time. Space is limited. For American Disability Act (ADA) accommodations or for addressing a grievance, please send the request by email to info@inrseminars.com or by fax to (925) 363-7798. For ADA matters (including sign-language interpreters), INR would appreciate advance notice so as to ensure our ability to provide the appropriate accommodation. Registrations are subject to cancellation after the scheduled start time. A transfer can be made from one seminar location to another if space is available. Registrants cancelling up to 72 hours before a seminar will receive a tuition refund less a \$25.00 administrative fee or, if requested, a full-value voucher, good for one year, for a future seminar. Cancellation or voucher requests must be made in writing. If a seminar cannot be held for reasons beyond the control of the sponsor (e.g., acts of God), the registrant will receive free admission to a rescheduled seminar or a full-value voucher, good for one year, for a future seminar. A \$25.00 service charge applies to each returned check. Nonpayment of full tuition may, at the sponsor's option, result in cancellation of CE credits issued. The syllabus is not available for separate purchase. A \$15.00 fee will be charged for the issuance of a duplicate certificate. Fees subject to change without notice.

Please check course date:

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 _____ Tue., March 3, 2020 (Hadley, MA)

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Please print:

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Please provide an e-mail address above to receive a confirmation and directions to the meeting site.

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NEW Special handout on the
current THC and Synthetic
Cannabinoid VAPING Crisis is
included with tuition. **NEW**

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6 CONTACT HOURS

A course for:

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Mental Health Counselors
Marriage & Family Therapists
Addiction Counselors
Social Workers
Occupational Therapists & OTAs
Physical Therapists & PTAs
Recreational Therapists
Case Managers
Nursing Home Administrators
Other Health Professionals

ACCREDITATION

To obtain the 6 contact hours associated with this course, the health care professional will need to sign in, attend the course, and complete program evaluation forms. At the end of the program, the health care professional successfully completing the course will receive a statement of credit. This is an intermediate-level course.

NURSES (RNs, NPs, & LPNs)

Institute for Natural Resources (INR) is accredited as a provider of continuing nursing education by the American Nurses Credentialing Center's Commission on Accreditation.

This program provides 6 contact hours for nurses licensed in the states of Massachusetts, New Hampshire, Rhode Island, and Connecticut and includes 6 Rx contact hours of pharmacology CE. INR has been accredited as a continuing education provider by the Florida Board of Nursing (#50-3026-1) and the Iowa Board of Nursing (#288) for 6 contact hours, and the California Board of Registered Nursing (CEP #06136) and the Kansas Board of Nursing (#LT0140-0927) for 7.2 contact hours.

PHARMACISTS

Institute for Natural Resources is accredited by the Accreditation Council for Pharmacy Education (ACPE) as a provider of continuing pharmacy education. The Massachusetts, New Hampshire, Rhode Island, and Connecticut Boards of Pharmacy and the boards of pharmacy of all 50 states will accept for credit toward license renewal, courses presented by an ACPE-accredited organization. The ACPE universal activity number (UAN) for this course is 0751-0000-18-035-L03-P. This is a knowledge-based CPE activity.



REGISTERED DIETITIANS & DTRs

INR, under Provider Number IN001, is a Continuing Professional Education (CPE) Accredited Provider with the Commission on Dietetic Registration (CDR). Registered dietitians (RDs) and dietetic technicians, registered (DTRs) will receive 6 hours worth of continuing professional education units (CPEUs) for completion of this program/materials. Continuing Professional Education Provider Accreditation does not constitute endorsement by CDR of a provider, program, or materials. CDR is the credentialing agency for the Academy of Nutrition and Dietetics. This course has Activity Number 144953 and Performance Indicators: 10.4.4, 10.4.5, 12.3.2, and 12.3.6. CPE Level: I.



PSYCHOLOGISTS, MENTAL HEALTH COUNSELORS, & MARRIAGE & FAMILY THERAPISTS

New Hampshire Board of Psychologists will accept CE programs approved by NASW for Category A credit. INR courses are approved by NASW. The Connecticut Board of Examiners of Psychologists will accept courses approved by a behavioral science organization that is professionally or scientifically organized. This program has been approved for 6 Category I MaMHCA/MMCEP hours for re-licensure, in accordance with 262 CMR. Under Sponsor #00088989 and under Approval #TRN2182891, CRCC has approved this course for six contact hours. This activity has been certified by NEAFast on behalf of the Massachusetts Board of Registration of Allied Mental Health & Human Services Professions, for LMFT professional continuing education.

ADDICTION COUNSELORS

INR is approved by the NAADAC Approved Education Provider Program, Provider #182846.

SOCIAL WORKERS

This program is approved by the NASW (Provider #886502971-4888) for 6 clinical social work continuing education contact hours.

OCCUPATIONAL THERAPISTS & OTAs

INR is an AOTA Approved Provider of continuing education. Provider #5347. INR has assigned 0.6 AOTA CEUs for this course. The classification for this course is OT Process. The assignment of AOTA CEUs does not imply endorsement of specific course content, products, or clinical procedures by AOTA.

PHYSICAL THERAPISTS & PTAs

Massachusetts, New Hampshire, and Connecticut-licensed physical therapists successfully finishing this course will receive course completion certificates. The Rhode Island PT Board will accept courses offered by organizations accredited by AOTA.

RECREATIONAL THERAPISTS

This session content is CE Pre-Approved by NCTRC and the content meets the specialty certification area in Behavioral Health.

CASE MANAGERS

This program has been pre-approved by The Commission for Case Manager Certification to provide continuing education credit to Certified Case Managers (CCMs).

NURSING HOME ADMINISTRATORS

This program has been submitted for Continuing Education through NAB/NCERS for 6 total participant hours from NAB/NCERS. Please visit www.nabweb.org/continuing-education and choose "NAB Approved CE Database" for the most current approved courses.

ACCREDITATION (cont'd)

OTHER HEALTH PROFESSIONALS

Participants successfully completing this course will receive course completion certificates. For rules governing continuing education credit, participants should contact their respective regulatory boards.

INSTRUCTOR

Dr. Eric Bornstein (Chief Medical Officer) is a dentist, biochemist, and photobiologist. Dr. Bornstein is widely published in journals such as "Compendium," "Dentistry Today," "Dental Equipment and Materials," "Dental Products Report," "Trends in Photochemistry and Photobiology," "Current Trends in Microbiology," "Journal of the American Podiatric Medical Association," and "Podiatry Today."

Dr. Bornstein is the chief medical officer of a medical-device company that combines medical devices with pharmacological therapies. He has lectured all over the United States, Canada, Mexico, the UK, Germany, and Israel.

INR reserves the right to change instructors without prior notice. Every instructor is either a compensated employee or independent contractor of INR.

SPONSOR

INR (Institute for Natural Resources) is a non-profit scientific organization dedicated to research and education in the fields of science and medicine. INR is the nation's largest provider of live continuing education programs, offering over 600 live seminars yearly.

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LEARNING OBJECTIVES

- Participants completing this course will be able to:
- 1) outline the neurologic, genetic, and social mechanisms of opioid abuse, especially in relation to the nationwide, opioid health emergency.
 - 2) list diagnostic signs and psychological "red flags" common in opioid abuse and opioid overdose.
 - 3) review the current guidelines for the use of opioids in patients with acute and chronic pain.
 - 4) list the parameters of opioid use and abuse to be documented in all clinical, dental, and health care settings.
 - 5) explain opioid replacement therapy (e.g., methadone, buprenorphine) and the use of opioid antagonists in acute overdose.
 - 6) describe the risks and toxicities (inclusive of accidental overdose in first responders and health-care professionals) of fentanyl and derivatives, as well as over-the-counter abusable drugs.
 - 7) describe the short-term and long-term neurologic, psychosocial, and metabolic effects of cannabis (marijuana) use and outline these effects in relation to opioid abuse, pain inhibition, and the modulation of neurotransmitters.
 - 8) list the subterfuges aimed to prevent the CDC (Center for Disease Control and Prevention)-mandated detection of drugs of abuse and the methods for reduction of false positives and false negatives.
 - 9) describe how the information in this course can be utilized to improve patient care and patient outcomes.
 - 10) describe, for this course, the implications for dentistry, mental health, nursing, and other healthcare professions.

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