

THREE-HOUR LIVE WEBINAR

Tue., Mar. 2, 2021

(REGISTRATION FORM)

CLINICAL REVIEW OF DENTAL PATIENTS WHO USE MARIJUANA & CANNABINOIDS: PHARMACOLOGIC CONCERNS & COMPLICATIONS

(3-HOUR LIVE WEBINAR)

LIVE WEBINAR: Tue., Mar. 2, 2021, 1:00 PM – 4:00 PM, (Eastern Time)
or 12:00 PM – 3:00 PM, (Central Time)
or 10:00 AM – 1:00 PM, (Pacific Time)

\$69 – Pre-Registration Rate: Live Webinar with 3 contact hours.

Registrants will need a computer with a good Internet connection and audio speakers (or headphones) to participate in the live Webinar.

*Please note special discounts for homestudy purchase are available for students who are registered for webinars. Please email INR at info@biocorp.com for more information.

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There are four ways to register:

- 1) **Internet:** www.INRseminars.com
- 2) **Mail:** INR, P.O. Box 5757, Concord, CA 94524-0757
(Make check payable to INR.)
- 3) **Fax:** (925) 687-0860
- 4) **Phone:** 1-800-937-6878 for registration only

Inquiries for Customer Service: 1-877-246-6336 or (925) 609-2820

Purchase orders are accepted. Tax Identification No. 94-2948967

ACCREDITATION

To obtain the 3 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.

DENTAL PROFESSIONALS

Dental professionals licensed in 47 states and the District of Columbia will accept ADA-CERP recognized providers and their courses for continuing education.

THE AMERICAN DENTAL ASSOCIATION

INR 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. INR designates this activity for 3 hours of continuing education credits.

California

INR (Institute for Natural Resources), under Provider #2089, has been approved by the Dental Board of California as a provider of continuing dental education. This course meets the Dental Board of California's requirement for 3 units of continuing education. Completion of this course does not constitute authorization for the attendee to perform any services that he or she is not legally authorized to perform based on his or her license or permit type.

Illinois & Ohio

Under Sponsor #174-000128, the Illinois Dept of Prof Regulation has approved INR as a sponsor of continuing dental education.

By policy, the Ohio State Board of Dentistry accepts ADA-CERP (Continuing Education Recognized Providers) and their courses as long as they are in compliance with the Ohio Dental Practice Act.

Washington

The Dental Quality Assurance Commission (DQAC) of the State of Washington will accept continuing education courses by a provider recognized by the ADA CERP.

PHARMACISTS

Institute for Natural Resources is accredited by the Accreditation Council for Pharmacy Education (ACPE) as a provider of continuing pharmacy education. The ACPE universal activity number (UAN) for this course is 0751-0000-20-067-L01-P. This is a knowledge-based CPE activity.



COURSE DESCRIPTION

This live webinar is a peer-reviewed and data-focused course that concentrates on oral medicine, co-morbidity, and poly-pharmacy issues that a dentist will face treating patients that are using marijuana, CBD, and other cannabinoid products. The webinar will discuss how marijuana and cannabis affect the cardiovascular system, blood pressure, coagulation, pulmonary and immune systems in a manner that may impact decision making in proper dental therapy and diagnoses.

The second part of the course will discuss the considerable poly-pharmacy concerns that are of relevance to a dentist. These will include the co-administration of antibiotics, opioids, benzodiazepines, inhalation anesthetics, and local anesthetics to patients that are using marijuana and cannabinoids. These issues must be understood to avoid adverse drug reactions and incorrect diagnoses in the ordinary course of patient treatment.

Finally, to be discussed will be peer-reviewed evidence problems with oral medicine and marijuana use. This discussion will include the use of cannabis and its impacts on dental caries, oral fungal infection, periodontal disease, xerostomia, thermal injury, and oral cancer. This is vital information that dentists, dental hygienists, assistants, and other health care professionals need to understand in today's challenging environment.

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SCHEDULE

Please see the Registration Form for the seminar schedule.

Please register early. Space is limited. Registrations are subject to cancellation after the scheduled start time. A transfer can be made from one webinar to another if space is available. Registrants cancelling up to 72 hours before a webinar 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 webinar. Cancellation or voucher requests must be made in writing. If a webinar 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 webinar or a full-value voucher, good for one year, for a future webinar. 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.

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.

INR has no ties to any commercial organizations and sells no products of any kind, except educational materials. Neither INR nor any instructor has a material or other financial relationship with any health care-related business that may be mentioned in an educational program. If INR were ever to use an instructor who had a material or other financial relationship with an entity mentioned in an educational program, that relationship would be disclosed at the beginning of the program. INR takes all steps to ensure that all relevant program decisions are made free of the control of a commercial interest as defined in applicable regulatory policies, standard, and guidelines. INR does not solicit or receive gifts or grants from any source, has no connection with any religious or political entities, and is totally supported by its course tuition.

INR's address and other contact information follows:

P.O. Box 5757, Concord, CA 94524-0757
Customer service: 1-877-246-6336 or (925) 609-2820
Fax: (925) 687-0860

E-Mail: info@inrseminars.com; website, www.INRseminars.com

Tax Identification Number 94-2948967.

Education expenses (including enrollment fees, books, tapes, travel costs) may be deductible if they improve or maintain professional skills. Treas. Reg. Sec. 1.162-5. Recording of the seminar, or any portion, by any means is strictly prohibited. INR's liability to any registrant for any reason shall not exceed the amount of tuition paid by such registrant.

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.

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Frequently Asked Questions

Q: How can I take this Webinar?

This Webinar can be taken as a live Webinar.

Q: What do I have to do to complete the live Seminar/Webinar successfully?

To obtain the 3 contact hours associated with this course, the health professional will need to sign-in (by typing in the chat-box), attend the course online, and complete the program evaluation form and post-test electronically. At the end of the program, after all the evaluation and post-tests are accounted for, the health professional successfully completing the program will receive a statement of credit. This will take approximately 3 to 5 business days. This is an intermediate-level course.

Q: How long does it take to receive a Seminar/Webinar Completion Certificate?

At a live seminar, certificates are given out at the end of the seminar. With all other presentations (e.g., electronic), receipt of the certificate typically takes 3 to 5 days after all materials are submitted.

Q: How will I know that my profession qualifies for continuing education credit?

Please see the section marked Accreditation. All professions for which INR (Institute for Natural Resources) has approval are listed in the Accreditation section.

Q: What happens if I have technical difficulties watching or hearing a Webinar (in effect a live broadcast of a seminar)?

You will receive a voucher equal to the tuition paid. This voucher will be good for a future seminar or Webinar. The voucher is good for one year.

Q: My profession is not listed on the brochure. Is it possible to obtain continuing-education credit?

Possibly. Please contact INR's customer-service office at <info@inrseminars.com> or at 1-877 246-6336. The customer-service office can tell you if INR has approval for your profession.

PROGRAM/LECTURE

HOOR ONE

- Defining the Terms: Marijuana (Cannabis), Cannabinoids, THC (Tetrahydrocannabinol), CBD (Cannabidiol).
- Fundamentals of the Endo-Cannabinoid System: Physiologic Effects of THC & CBD.
- Dosing Considerations in Patients on Medical Marijuana. Is There a Safe Dose of Recreational Marijuana?
- Pharmacokinetics of Cannabis: Absorption, Distribution, Metabolism, and Elimination.
- Common Adverse Effects in Patients Using Marijuana: Dizziness, Somnolence, Abnormal Thinking, Paranoia, and Difficulty Concentrating.

HOOR TWO

- Concerns and Complications in Older Patients Using Cannabis: Hemodynamic Instability, Tachycardia, Palpitations, Syncope, Anxiety, Agitation, and Confusion; Bleeding and Prolonged International Normalized Ratio (INR).
- Trial by Misery: Cannabis Hyperemesis Syndrome, Catatonia Syndrome, and Addiction.
- Dental and Oral Complications Related to Cannabis Use: Caries, Periodontal Disease, Xerostomia, Dysphagia, Fungal Infection, Thermal Injury, Leukoderma, Oral Pain and Ulceration.

HOOR THREE

- Entering the Danger Zone: Adverse Drug Interactions with High Potency Marijuana (Antidepressants, Benzodiazepines, Antihistamines, Antibiotics, Anticoagulants, Protease Inhibitors, Opioids, and Phosphodiesterase Inhibitors)
- Pharmacologic Management of THC Side Effects, Palpitations, AFib (Atrial Fibrillation), Acute Psychotic State, Acute Intoxication, Acute Panic/Anxiety State, Acute Manic and Depressive Syndromes during Intoxication.

LEARNING OBJECTIVES

Participants completing this course will be able to:

- 1) describe the major physiologic effects of THC.
- 2) list the most commonly seen adverse effects of THC in dental patients.
- 3) outline the concerns and complications of cannabis use in older patients.
- 4) review the oral and dental complications related to cannabis use.
- 5) describe the major adverse drug interactions associated with high potency marijuana.
- 6) outline the principal medications used in the pharmacologic management of THC side effects.

INSTRUCTOR

Dr. Eric Bornstein (Chief Medical Officer, DMD) is the former Chief Medical Officer of Nomir Medical Technologies, and is a biochemist, dentist, and photo-biologist. He has successfully taken three medical device through to FDA 510k approval, with one of them connected to biopharma. Dr. Bornstein has assisted in five human clinical trials and has patented multiple medical technologies in the areas of lasers, photo-biology, the circadian rhythm, adipose modification, and biofilm prevention and eradication. Dr. Bornstein is widely published in peer-reviewed journals such as "Current Trends in Microbiology," "Journal of the American Podiatric Medical Association," "Compendium," "Trends in Photochemistry and Photobiology" and "Dentistry Today". Dr. Bornstein has lectured all over the United States, Canada, Mexico, the UK, Germany, and Israel. For the past five years, he has delivered continuing education seminars and webinars to over 50,000 health care professionals in the subjects of pharmacology, opioids, and medical and recreational marijuana.

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