

SIX-HOUR LIVE WEBINAR

Thu., Mar. 4, 2021

(REGISTRATION FORM)

Understanding Pain: Migraines, Headaches, Neck & Low Back Pain

Please Check One Option Below:

LIVE WEBINAR: Thu., Mar. 4, 2021, 8:30 AM – 3:40 PM, (Eastern Time)
or 7:30 AM – 2:40 PM, (Central Time)
or 5:30 AM – 12:40 PM, (Pacific time)

\$83 – Pre-Registration Rate: Live Webinar with 6 hours of CE credit.

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

\$83 – DVD or streaming video available for homestudy credit.

\$69 – DVD or streaming video only without homestudy test.

*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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Pharmacists only: NABP # _____ Date of Birth _____ / mm / dd / yy

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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

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 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 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), 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 (#L.T0140-0927) for 7.2 contact hours.

DENTAL PROFESSIONALS

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 6 hours of continuing education credits.

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 0751-0000-19-014-L04-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 148677 and Performance Indicators: 8.2.1, 8.2.3, 8.2.4, and 8.3.1. CPE Level: I.

PSYCHOLOGISTS

Under CE Broker # 50-3026, INR is an approved provider by the Florida Board of Psychology. The Institute for Natural Resources (INR) is approved by the CPA OPD to sponsor continuing professional education for psychologists. INR maintains responsibility for this program and its content. Psychologists must attend the seminar in its entirety and complete the course evaluation in order to receive credit. Under License #PSY000214, the Pennsylvania Board of Psychology has approved INR as a sponsor/provider of CE programs. Under Sponsor #268.000096, the Illinois Dept of Prof Regulation for Psychologist Licensing and Disciplinary Board has approved INR as a CE sponsor.

MENTAL HEALTH COUNSELORS

Institute for Natural Resources (INR) is recognized by the New York State Education Department's State Board for Mental Health Practitioners as an approved provider of continuing education for licensed mental health counselors, #MHC-0089. Under Sponsor # 00088989 and Approval #TRN2484771, CRCC has approved this course for six contact hours. Under Sponsor #197-000240, the Illinois Dept of Prof Regulation has approved INR as a CE sponsor for professional/clinical counselors.

SOCIAL WORKERS & MARRIAGE & FAMILY THERAPISTS

This program is approved by the National Association of Social Workers (Provider #886502971-4970) for 6 pain/symptom management contact hours. Under Sponsor #159-000260, the Illinois Dept of Prof Regulation has approved INR as a sponsor of continuing social work education. This course "Understanding Pain: MHN&LB Pain", Approval #190507-1150R provided by INR, is approved for continuing education by the New Jersey Social (Work Continuing Education Approval Collaborative, which is administered by NASW-NJ. CE Approval Collaborative Approval Period: 9/1/20 through 8/31/22. New Jersey social workers will receive six (6) clinical CE credits for participating in this course. Institute for Natural Resources (INR), SW CPE is recognized by the New York State Education Department's State Board for Social Work as an approved provider of continuing education for licensed social workers #0195. The California Board of Behavioral Sciences will accept courses approved by NASW. Institute for Natural Resources (INR) is recognized by the New York State Education Department's State Board for Mental Health Practitioners as an approved provider of continuing education for licensed marriage and family therapists. #MFT-0055.

ADDICTION COUNSELORS

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

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

The Florida Physical Therapy Association has approved this course for 6 contact hours (Approval # CE 21-701806). Accreditation of this course does not necessarily imply the FPTA supports the views of the presenter or the sponsors. INR is recognized as an approval agency to approve providers offering continuing competency courses by the Physical Therapy Board of California. This course has been approved by the Institute for Natural Resources (INR) for 6 continuing competency units. The New Jersey State Board of Physical Therapy Examiners has approved the course for 6 hours continuing education credits. The NJBPTE Course Approval #2001-126. The New York State Dept of Education has approved INR as a sponsor of continuing physical therapy education.

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 (Distance Learning)

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

MESSAGE THERAPISTS

Institute for Natural Resources is approved by the National Certification Board for Therapeutic Massage & Bodywork (NCBTMB) as a continuing education Approved Provider, Provider #299936-00, and is also sponsored by NCBTMB to teach New York LMTs continuing education that is accepted by the State of New York for license renewal.



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.

Understanding Pain: Migraines, Headaches, Neck & Low Back Pain



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

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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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Understanding Pain:

Migraines, Headaches, Neck & Low Back Pain

Frequently Asked Questions

Q: How can I take this Webinar?

This Webinar can be taken in several formats:

- A live Webinar.
- An audio-visual DVD or streaming video for home-study credit (valid for such professions such as nursing, dental, pharmacy, dietetics, occupational therapy, social work, and possibly other professions.)
- An audio-visual DVD or streaming video without credit (available, for a reduced fee).

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

To obtain the 6 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

Registration: 7:45 AM – 8:30 AM

Morning Lecture: 8:30 AM – 10:00 AM

- Consequences of Pain Pathology:** Allodynia of Osteoarthritis, Hyperpathia of Diabetic Neuropathy, Hyperalgesia of Opioid Withdrawal. How Sleep Deprivation Exacerbates Pain.
- “Aggressive” vs. “Realistic” Approaches in Palliative Care:** Opioids, NSAIDs and Pain Modulating Adjunct Drugs.
- The Spectrum of Pain:** Nociceptive & Neuropathic Pain. Personalizing Approaches to Pain of Different Etiologies.
- Pain in a Complicated Patient:** Babies, Non-Verbal Patients, and Patients with Dementia. Recognizing Objective Signs of Pain.

Mid-Morning Lecture: 10:00 AM – 11:30 AM

- Benign Headaches vs. Deadly Headaches:** Recognizing Neurologic Red Flags. Understanding Tension Headaches.
- Medication Overuse and Rebound Headaches:** When Non-Narcotics are as Harmful as Opioids. Electromagnetic Fields for Migraines and Cluster Headaches. New Medications for Migraines.
- Preventive vs. “Abortive” Medications.** Efficacy of Beta-Blockers, Antidepressants, & Anticonvulsants. Why Are Triptans So Restricted (<10 days/month)? Botulinum Toxin for Chronic Migraines.
- Elimination Diets and the “Usual Suspects”:** MSG, Tyramine, Artificial Sweeteners, Chocolate, Sausages, and Wine.
- Trigeminal Neuralgia and Ramsay Hunt Syndrome:** When Pain May Lead to Suicide. Primary Prevention of Varicella Reactivation: A Safer New Vaccine.
- Differential Diagnosis of Secondary Headache:** Brain Tumors, Meningitis, Hemorrhages and Gastrointestinal Origin Headaches.

Lunch: 11:30 AM – 12:20 PM

Afternoon Lecture: 12:20 PM – 2:00 PM

- Degenerative Disk Disease, Spinal Stenosis, Subluxations, Syringomyelia, and Spondylosis. Ankylosing Spondylitis & Sacroiliitis.**
- Radiculitis, Muscle Weakness, Paresthesias, Visual Disturbances and Dizziness.** Warning Signs of Spinal Cord Damage.
- Physical Therapy for Cervical and Lumbar Pain:** Passive vs. Active Modalities. Ergonomic Factors and Occupational Therapy.
- Laser and Radiofrequency Discectomy, Total Disc Replacement, Spinal Fusion and Spinal Implants:** Exploring the Options.
- Neck Pain and Strain after Dental Treatments:** Prevention and Management. Differentiating Dental and Orofacial Pain from Cervical and Cervicogenic Pain.

PROGRAM (cont.)

Mid-Afternoon Lecture: 2:00 PM – 3:20 PM

- When Best Intentions Harm the Patient:** Nursing Diagnoses and Management of Acute and Chronic Pain According to the 2016-2018 CDC Guidelines.
- Have We Moved Too Far in Restriction of Effective Pain Management?** Practical Approaches to the Opioid Crisis. Undertreatment and Overtreatment of Pain.
- Analgesia in Addicts and Opioid Tolerance.** Buprenorphine (Subutex, Suboxone) and Methadone for Pain Control. Ketamine as a Dual Action Medication.
- Cannabis (Marijuana) and Pain:** Efficacy, Side Effects, and Long-Term Consequences. Dosages and Indications for Cannabis.
- Interventions and Approaches:** Cognitive-Behavioral Therapy, Acceptance and Commitment Therapy. Utilizing Spirituality, Healing Touch, Mindfulness, Tissue Therapies and Acupuncture.

Evaluation, Questions, and Answers: 3:20 PM – 3:40 PM

LEARNING OBJECTIVES

Participants completing this course will be able to:

- list the neurologic processes causing pain and suffering and the principles of pain assessment.
- discuss treatment modalities for primary and secondary headaches, including migraines and rare cephalalgias.
- list the “red flags” of medication abuse and approaches to reduce opioid addiction.
- describe the differential diagnosis of dental vs. cervical and cervicogenic pain and the appropriate interventions for both.
- list steps involved in the diagnosis and management of spinal pain, including physical and occupational therapy.
- describe how the information in this course can be utilized to improve patient care and patient outcomes.
- describe, for this course, the implications for dentistry, mental health, nursing, and other healthcare professions.

INSTRUCTOR

Dr. R.S. Hullon (M.D., J.D.) is a full-time physician-lecturer for INR. Dr. Hullon is a physician and surgeon specializing in trauma and orthopedics. His medical experience includes diagnosis and treatment of infectious diseases, neurological disorders, neurodegenerative diseases (multiple sclerosis, Parkinson's, and Alzheimer's diseases) and psychiatric disorders (personality and mood disorders). His medical experience also includes diagnostic laboratory work, particularly in hematology.

Dr. Hullon has had extensive surgical experience in trauma management and orthopedics and has published papers on head, back, and knee disorders and pain medications. He has also studied bovine spongiform encephalopathy (BSE or mad cow disease) and the medical and legal implications of this disease.

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