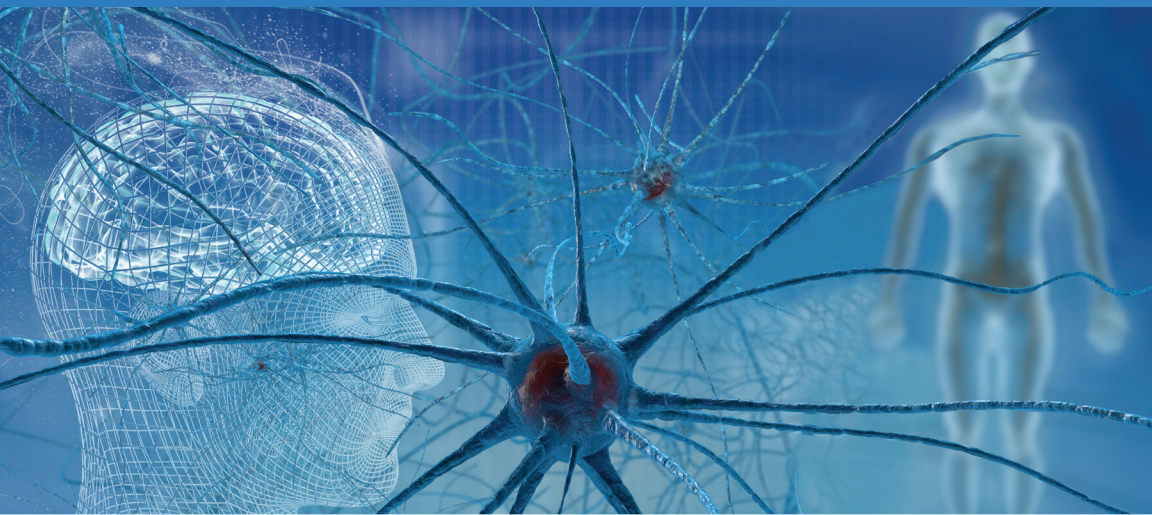


Columbia University Department of Anesthesiology presents

Essentials in Pain Management:

Update 2018



Tuesday, November 13, 2018

7:00am – 5:30pm

PROGRAM DIRECTORS

Leena Mathew, MD

Michael L. Weinberger, MD

LOCATION

NewYork-Presbyterian/Columbia University Irving Medical Center
Vivian and Seymour Milstein Family Heart Center
173 Fort Washington Avenue, 1st Floor
New York, NY 10032



COLUMBIA UNIVERSITY
*Vagelos College of
Physicians and Surgeons*



NewYork-Presbyterian



Overview

Essentials in Pain Management: Update 2018 will enhance understanding of non-opioid related advances in Pain Management. It will provide a guided approach to the management of several complex pain conditions. This will include understanding the comorbidities associated with pain and the innovative therapies and interventional techniques to address these issues. The conference will inform the attendees with several of the latest non-opioid treatment strategies like trans-cranial magnetic stimulation and stem cell therapy. It will also provide information regarding the integration of traditional medicine techniques and nutritional therapies in pain management and impart an understanding on novel pharmacotherapeutics such as CRGP and cannabinoids in the treatment of pain.

Learning Objectives

After completing Essentials in Pain Management: Update 2018, you will be able to:

- Identify a guided approach to common yet extremely complex chronic pain conditions
- Identify and understand the management of pain related comorbidities like sleep, functional limitations, metabolic disarray and psychopathology for optimal management of complicated pain conditions
- Understand the approach to drug toxicology screening in patients to provide safe and effective care
- Understand new non-opioid targets and the emerging pharmacotherapy in pain medicine with a focus on epigenetics, CRGP, cannabinoids and nutritional therapies
- Delineate a multidisciplinary approach to chronic pain management and integrating cutting edge interventions including nerve ablations, transcranial magnetic stimulation, regenerative medicine techniques, as well as spinal cord, peripheral nerve and dorsal root ganglion stimulation with traditional medicine strategies

Target Audience

This activity is designed for Physicians, Residents, Fellows, Medical Students, Nurse Practitioners, Physician Assistants and all other medical professionals involved in the evaluation, diagnosis and/or management of patients with chronic pain. It includes those in the practice of Pain Management throughout the fields of Anesthesiology, Internal Medicine, Hospitalist Medicine, Neurology, Oncology, Primary Care, Psychiatry, Rehabilitation Medicine and Surgical Specialties.

Accreditation Statement



In support of improving patient care, this activity has been planned and implemented by Columbia University Department of Surgery and Amedco LLC. Amedco LLC is jointly accredited by the Accreditation Council for Continuing Medical Education (ACCME), the Accreditation Council for Pharmacy Education (ACPE), and the American Nurses Credentialing Center (ANCC), to provide continuing education for the healthcare team.

Credit Designation Statement

PHYSICIANS

Amedco LLC designates this live activity for a maximum of 7.50 *AMA PRA Category 1 Credits™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

PHYSICIAN ASSISTANTS

AAPA accepts certificates of participation for educational activities certified for *AMA PRA Category 1 Credits™* from organizations accredited by ACCME or a recognized state medical society. PAs may receive a maximum of 7.50 *AMA PRA Category 1 Credits™* for completing this activity.

NURSE PRACTITIONERS

The American Academy of Nurse Practitioners Certification Board (AANPCB) recognizes the Accreditation Council for Continuing Medical Education (ACCME) and the American Nurses Credentialing Center (ANCC) as approved accreditors and allow reciprocity for AANPCP continuing education credit.

Satisfactory Completion

Learners must complete an evaluation form to receive a certificate of completion. Your chosen sessions must be attended in their entirety. Partial credit of individual sessions is not available. If you are seeking continuing education credit for a specialty not listed above, it is your responsibility to contact your licensing/certification board to determine course eligibility for your licensing/certification requirement.

Support

We expect support for this program through grants from medical device and pharmaceutical companies.

Program Agenda

7:00AM – 7:55AM Registration, Breakfast & Vendor Exhibits

7:55AM – 8:00AM Welcoming Remarks

SESSION 1: PAIN RELATED COMORBIDITIES

Moderator: Leena Mathew, MD

8:00AM – 8:20AM Psychopathology and its Management in Chronic Pain
Nomita Sonty, PhD

8:20AM – 8:40AM Sleep Disorders and their Management in Pain
Carl W. Bazil, MD, PhD

8:40AM – 9:00AM Functional Limitation & Targeted Physical Therapy
Evan Johnson, PT, DPT, OCS

9:00AM – 9:20AM Metabolic Disarray and Nutritional Therapies
Leena Mathew, MD

9:20AM – 9:40AM Q&A, Panel Discussion

9:40AM – 10:00AM Break & Vendor Exhibits

SESSION 2: NOVEL THERAPEUTICS IN PAIN MEDICINE

Moderator: Michael L. Weinberger, MD

10:00AM – 10:20AM New Targets & Emerging Pharmacotherapy
Anna Pashkova, MD

10:20AM – 10:40AM Peripheral Nerve Stimulation
Michael L. Weinberger, MD

10:40AM – 11:00AM Regenerative Medicine
Cameron M. Marshall MD

11:00AM – 11:20AM Cannabinoids
Christopher J. Winfree, MD, FAANS

11:20AM – 11:40AM Transcranial Magnetic Stimulation
Diana M. Martinez, MD

11:40AM – 12:00PM Q&A, Panel Discussion

12:00PM – 1:00PM Lunch & Vendor Exhibits

SESSION 3: CURRENT CONVERSATIONS IN PAIN MEDICINE

Moderator: Cameron M. Marshall, MD

1:00PM – 1:20PM	Integrative Medicine in Pain <i>Leena Mathew, MD</i>
1:20PM – 1:40PM	Spinal Cord & Dorsal Root Stimulation <i>Christopher J. Winfree, MD, FAANS</i>
1:40PM – 2:00PM	Radiofrequency Ablation <i>Nitin K. Sekhri, MD</i>
2:00PM – 2:20PM	The Genetics of Pain <i>Ruth Landau, MD</i>
2:20PM – 2:40PM	CRGP in Migraine <i>Mark W. Green, MD, FAAN</i>
2:40PM – 3:00PM	Toxicology Screening <i>Cameron M. Marshall, MD</i>
3:00PM – 3:20PM	Q&A, Panel Discussion
3:20PM – 3:40PM	Break & Vendor Exhibits

SESSION 4: A GUIDED APPROACH TO COMPLEX PAIN CONDITIONS

Moderator: Nomita Sonty, PhD

3:40PM – 4:00PM	Addiction, Buprenorphine Therapy and the Pain Patient <i>Nasir H. Naqvi, MD, PhD</i>
4:00PM – 4:20PM	Abdominal Pain of Chronic Pancreatitis <i>Haijun Zhang, MD</i>
4:20PM – 4:40PM	Pelvic Pain <i>Natasa Grancaric, MD</i>
4:40PM – 5:00PM	Headache/Facial Pain <i>Marianna Shnayderman Yugrakh, MD</i>
5:00PM – 5:20PM	Q&A, Panel Discussion
5:20PM – 5:30PM	Closing Remarks

**NewYork-Presbyterian/
Columbia University Irving Medical Center &
Columbia University Vagelos College of Physicians and Surgeons**

Program Directors

Leena Mathew, MD

Associate Professor of Anesthesiology
Department of Anesthesiology
Division of Pain Medicine
Director, Pain Medicine Fellowship Program

Michael L. Weinberger, MD

Associate Professor of Anesthesiology at CUMC
Department of Anesthesiology
Division of Pain Medicine
Director, Pain Management Center
Chief, Pain Medicine

Guest Faculty

Mark W. Green, MD, FAAN

Professor of Neurology, Anesthesiology and Rehabilitation Medicine
Director of Headache and Pain Medicine
Vice Chair of Neurology for Professional Development and Alumni Relations
Icahn School of Medicine at Mount Sinai

Nitin K. Sekhri, MD

Assistant Professor of Anesthesiology
Department of Anesthesiology
Medical Director, Pain Management
Westchester Medical Center
New York Medical College

**NewYork-Presbyterian/
Columbia University Irving Medical Center &
Columbia University Vagelos College of Physicians and Surgeons**

Faculty

Carl W. Bazil, MD, PhD

Professor of Neurology at CUMC
Director, Division of Epilepsy and Sleep

Natasa Grancaric, MD

Assistant Professor of Anesthesiology
Department of Anesthesiology and
Pain Medicine

Evan Johnson, DPT, MS, OCS

Assistant Professor at CUMC
Director of Physical Therapy &
Administrative Director
Department of Neurosurgery -
Spine Hospital

Ruth Landau, MD

Virginia Apgar Professor of Anesthesiology
Director of Obstetric Anesthesia
Department of Anesthesiology
Director of the Center for
Precision Medicine

Cameron M. Marshall, MD

Assistant Professor of Anesthesiology

Diana M. Martinez, MD

Professor of Psychiatry at CUMC

Nasir H. Naqvi, MD, PhD

Assistant Professor of Clinical Psychiatry

Anna Pashkova, MD

Assistant Professor of Anesthesiology
Department of Anesthesiology and
Pain Medicine

Marianna Shnayderman Yugrakh, MD

Assistant Professor of Neurology at CUMC

Nomita Sonty, PhD

Associate Professor at CUMC
Departments of Anesthesiology
and Psychiatry

Christopher J. Winfree, MD, FAANS

Assistant Professor for Neurological Surgery
Department of Neurological Surgery

Haijun Zhang, MD

Assistant Professor of Anesthesiology
Department of Anesthesiology and
Pain Medicine

Course Organizers

Hearan Choo, MD

Director of CME
Columbia University Irving Medical Center
Department of Surgery, CME Office

Jessica Mead

Director of Special Events
Columbia University Irving Medical Center
Department of Surgery, CME Office
Phone: 212.304.7817
Email: jas2134@cumc.columbia.edu

Meeting Location

NewYork-Presbyterian/Columbia University Irving Medical Center
Vivian and Seymour Milstein Family Heart Center
173 Fort Washington Avenue, 1st Floor
New York, NY 10032

PARKING: Parking is available at the NewYork-Presbyterian/Columbia University Irving Medical Center parking garage, located on the southwest corner of Fort Washington Avenue and West 165th Street.

Valet parking is available at the entrance of 177 Fort Washington Avenue between West 165th Street and West 168th Street.

Parking fee is NOT included with registration.

SUBWAY: Take the 1, A, C lines to 168 Street-Washington Heights/Broadway.

HOTELS: For a listing of local area hotels, visit www.ColumbiaSurgeryCME.org and select **Essentials in Pain Management: Update 2018 CME**.

Registration Fees

NYP Affiliates:

\$200 - MD, DO, PhD
\$150 - RN, NP, PA
\$75 - Fellows & Residents
\$25 - Students
FREE - Medical Students

Non-NYP Affiliates:

\$250 - MD, DO, PhD
\$175 - RN, NP, PA
\$75 - Fellows & Residents
\$25 - Students

Payment Method

Online: To register online please visit: www.ColumbiaSurgeryCME.org. For security purposes, credit card payments cannot be accepted in the mail or by phone.

By Mail: Complete the attached registration form and mail together with full payment, either check or money order made payable to **Columbia University Department of Surgery**. Checks must be in U.S. dollars drawn on a U.S. bank.

Mail To:

Columbia University Irving Medical Center
ATTN: Essentials in Pain Management: Update 2018 CME
Department of Surgery
400 Kelby Street, 9th Floor
Fort Lee, NJ 07024



Registration

Please register me for the continuing medical education program:

Essentials in Pain Management: Update 2018

Space is limited, early registration is highly encouraged

NYP Affiliates:

- o \$200 - MD, DO, PhD
- o \$150 - RN, NP, PA
- o \$75 - Fellows & Residents
- o \$25 - Students
- o FREE - Medical Students

Non-NYP Affiliates:

- o \$250 - MD, DO, PhD
- o \$175 - RN, NP, PA
- o \$75 - Fellows & Residents
- o \$25 - Students

Please print or type

First Name M.I. Last Name Degree(s)

Company/Affiliation

Address

City State Zip

Daytime Phone Daytime Fax

E-mail (required for confirmation purposes)

Specialty

Special Needs (specify accommodations needed)

Attendee Signature Date

PLEASE NOTE: Registration is limited and will be handled on a first-come, first-served basis. Telephone registrations and/or cancellations cannot be accepted. Refund of registration fee, less a \$25 administrative charge, will be made if written notice of cancellation is received by October 30, 2018.

Columbia University Irving Medical Center
Department of Surgery, CME Office
400 Kelby Street, 9th Floor
Fort Lee, New Jersey 07024

Columbia University Department of Anesthesiology presents

Essentials in Pain Management: Update 2018

Tuesday, November 13, 2018

NewYork-Presbyterian/
Columbia University Irving Medical Center
Vivian and Seymour Milstein Family
Heart Center

A 7.50 CME Accredited Program

Register Online
www.ColumbiaSurgeryCME.org