

Essentials in **Pain Management:** Update 2017



Tuesday, November 14, 2017
7:00am – 5:00pm

PROGRAM DIRECTORS

Leena Mathew, MD
Anis Dizdarevic, 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
*College of Physicians
and Surgeons*



NewYork-Presbyterian

Overview

Essentials in Pain Management: Update 2017 will improve your understanding of the advances in pain management including innovative interventional techniques, the use of medical marijuana and the use of strategies pertinent to controlled substance prescription.

Learning Objectives

After completing Essentials in Pain Management: Update 2017, you will be able to:

- Understand the neurobiology of chronic pain and pain perception
- Identify comprehensive treatment principles in complex chronic pain conditions
- Understand the approach to controlled substance prescription and diversion resistant modalities
- Understand the pharmacology of medical marijuana, the evidence for its usage and the legalities of prescribing
- Delineate a multidisciplinary approach to chronic pain management in patients with a special focus on the latest therapies including dorsal root ganglion stimulation
- Understand the latest research foci in pain medicine including the utility of cutting edge measures such as digiceuticals, virtual reality, pharmacogenetics and stem cell therapies

Target Audience

This activity is designed for those in the practice of adult and pediatric pain management throughout the fields of Anesthesiology, Surgical Specialties, Internal Medicine, Family Practice, Hospitalist Medicine, Neurology and Rehabilitation Medicine. It includes Attending Physicians, Fellows and Residents, Medical Students, Nurses, Nurse Practitioners, Physician Assistants, Research Scientists and all other medical professionals involved in the evaluation, diagnosis and/or management of patients with chronic pain.

Accreditation Statement

This activity has been planned and implemented in accordance with the accreditation requirements and policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint providership of Amedco and Columbia University Department of Surgery. Amedco is accredited by the ACCME to provide continuing medical education for physicians.

Credit Designation Statement

PHYSICIANS

Amedco designates this live activity for a maximum of 7.5 *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 7.5 *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.

Support

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

Course Organizers

Hearan Choo, MD
Director of CME
Department of Surgery
Columbia University
Irving Medical Center

Jessica Mead
Director of Special Events
Department of Surgery
Columbia University
Irving Medical Center
Phone: 212.304.7817 • Fax: 917.591.8734
Email: jas2134@cumc.columbia.edu

Program Agenda

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

7:55am – 8:00am Welcoming Remarks

SESSION 1: THE BIOLOGY AND PSYCHOLOGY OF CHRONIC PAIN

Moderator: Nomita Sonty, PhD

8:00am – 8:20am Pathophysiology of Chronic Pain
Ramon Go, MD

8:20am – 8:40am Pain Perception
Leena Mathew, MD

8:40am – 9:00am The Psychology of Pain
Nomita Sonty, PhD

9:00am – 9:20am Q&A, Panel Discussion

9:20am – 9:35am Break & Vendor Exhibits

SESSION 2: EVALUATION AND MANAGEMENT OF PATIENTS WITH COMPLEX PAIN SYNDROMES

Moderator: Ramon Go, MD

9:35am – 9:55am Spinal Pain
Anis Dizdarevic, MD

9:55am – 10:15am CRPS
Ramon Go, MD

10:15am – 10:35am Fibromyalgia
Leena Mathew, MD

10:35am – 10:55am Providing Compassionate Care for the Difficult Patient
Nomita Sonty, PhD

10:55am – 11:15am Q&A, Panel Discussion

11:15am – 12:15pm Lunch & Vendor Exhibits

SESSION 3: THE LATEST IN INTERVENTIONAL PAIN MANAGEMENT

Moderator: Cameron M. Marshall, MD

- 12:15pm – 12:35pm Dorsal Root Ganglion Stimulation
Michael L. Weinberger, MD
- 12:35pm – 12:55pm Botox in Headache Management
Mark W. Green, MD, FAAN
- 12:55pm – 1:15pm Vertebral Augmentation in Spinal Insufficiency Fractures
Nitin K. Sekhri, MD
- 1:15pm – 1:35pm Radio Frequency Ablation in Chronic Pain
Cameron M. Marshall, MD
- 1:35pm – 1:55pm Neurosurgical Advances in Pain Management
Christopher J. Winfree, MD, FACS
- 1:55pm – 2:15pm Q&A, Panel Discussion
- 2:15pm – 2:30pm Break & Vendor Exhibits**

SESSION 4: CURRENT CONVERSATIONS IN PAIN MEDICINE

Moderator: Michael L. Weinberger, MD

- 2:30pm – 2:50pm Opioid Prescribing: Avoiding the Pitfalls and
Employing Safe Strategies
Michael L. Weinberger, MD
- 2:50pm – 3:10pm Medical Marijuana: The Evolving Use in
Pain Management?
Cameron M. Marshall, MD
- 3:10pm – 3:30pm Digiceuticals in Pain Medicine
Alex Cahana, MD
- 3:30pm – 3:50pm Pharmacogenetics and Pain
Ruth Landau, MD
- 3:50pm – 4:10pm Stem Cell Therapies in Pain Medicine
Ramon Go, MD
- 4:10pm – 4:30pm Current Research Update
Joachim Scholz, MD
- 4:30pm – 4:50pm Q&A, Panel Discussion
- 4:50pm – 5:00pm Closing Remarks



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

Program Directors

Leena Mathew, MD

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

Anis Dizdarevic, MD

Assistant Professor of Anesthesiology
Department of Anesthesiology and Pain Medicine



Guest Faculty

Alex Cahana, MD

Director of Medical Affairs
Center for Lawful Access and Abuse Deterrence (CLAAD)
Washington, DC
CoFounder of AIDIA Collective Inc.
Artificial Intelligence and Digital Innovation Advisory

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

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



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

Faculty

Ramon Go, MD

Assistant Professor of Anesthesiology at CUMC
Department of Anesthesiology

Ruth Landau, MD

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

Cameron M. Marshall, MD

Assistant Professor of Anesthesiology

Joachim Scholz, MD

Assistant Professor of Anesthesiology and Pharmacology

Nomita Sonty, PhD

Associate Professor at CUMC
Departments of Anesthesiology and Psychiatry

Michael L. Weinberger, MD

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

Christopher J. Winfree, MD, FACS

Assistant Professor for Neurological Surgery
Department of Neurological Surgery

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 2017 CME**.

Registration Fees

NYP Affiliates:

\$175 - MD, DO

\$100 - RN, NP, PA, PhD

FREE - Fellows, Residents & Students

Non-NYP Affiliates:

\$225 - MD, DO

\$125 - RN, NP, PA, PhD

FREE - Fellows, Residents & 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 2017 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 2017

Space is limited, early registration is highly encouraged

NYP Affiliates:

- ☐ \$175 - MD, DO
- ☐ \$100 - RN, NP, PA, PhD
- ☐ FREE - Fellows, Residents & Students

Non-NYP Affiliates:

- ☐ \$225 - MD, DO
- ☐ \$125 - RN, NP, PA, PhD
- ☐ FREE - Fellows, Residents & 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 November 1, 2017.

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

Essentials in **Pain Management:** Update 2017

Tuesday, November 14, 2017

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

A 7.5 CME Accredited Program

Register Online
www.ColumbiaSurgeryCME.org