

Memorial Sloan Kettering Cancer Center

INTERVENTIONAL CANCER PAIN SYMPOSIUM

September 8-9, 2017

Zuckerman Research Center
NEW YORK CITY



ICPS 2017



Memorial Sloan Kettering
Cancer Center

IN PARTNERSHIP WITH:



WORLD ACADEMY of PAIN
MEDICINE ULTRASONOGRAPHY

Memorial Sloan Kettering Cancer Center

INTERVENTIONAL CANCER PAIN SYMPOSIUM

September 8-9, 2017

The Memorial Sloan Kettering Cancer Center Interventional Cancer Pain Symposium will showcase the state of the art techniques for management of cancer pain syndromes. We will focus on disease specific paradigms for cancer pain treatments. Furthermore, our faculty will be teaching advanced procedures which pain physicians, neurosurgeons, radiologists, rehabilitation and other specialists may use to treat their cancer patients.

Symposium Highlights

- **Ultrasound and Fluoroscopy Cadaver Workshop**
- **Comprehensive Intrathecal Drug Delivery Paradigms**
- **Techniques in Neuroablation and Neuromodulation for Cancer Pain**
- **Advances in Rehabilitation for Oncologic Pain**
- **General Concepts in Cancer Pain Medicine Course**

Educational Objectives

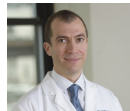
- Discuss and implement treatment paradigms for specific cancer pain syndromes
- Perform common procedures which may improve an oncologic patient's pain symptoms
- Discuss complicated oncologic cases with experienced faculty in the field of cancer pain medicine

MSK Course Director



Amitabh Gulati, MD, FIPP, CIPS
Director, Chronic Pain

MSK Co-Course Directors



Ilya Laufer, MD
Director, Minimally Invasive Spine Tumor Surgery Program



Eric Lis, MD
Director, Interventional Neuroradiology Service



Vinay Puttannah, MD
Director, Regional Anesthesia and Analgesia

FACULTY

MSK Faculty

Grant H. Chen, MD

Anesthesiologist
Pain Medicine Specialist

Keith Clement, NP

Nurse Practitioner

Gary Deng, MD, PhD

Medical Director,
Integrative Medicine Service

Patricia Donoghue, NP

Nurse Practitioner

Lee Hingula, MD

Anesthesiologist

Kasia Ibanez, MD

Assistant Attending/Physiatrist

Vivek Tim Malhotra, MD, MPH

Chief, Anesthesiology Pain Service

Judith E. Nelson, MD, JD

Chief, Supportive Care Service;
Attending, Critical Care Service

Joan Pope, NP

Nurse Practitioner

Lisa Marie Ruppert, MD

Assistant Attending/Physiatrist

Invited Faculty

Anurag K. Agrawal, MD

Pediatric Hematologist/Oncologist
UCSF Benioff Children's Hospital Oakland

Honorio T. Benzon, MD

Professor of Anesthesiology
Northwestern University Feinberg
School of Medicine

Anuj Bhatia, MD, FIPP, CIPS

Assistant Professor,
Department of Anesthesia &
Pain Management,
University of Toronto

Brian M. Bruel, MD, MBA

Director of Pain Medicine/Associate Professor
Baylor College of Medicine

Michael G. Byas-Smith, MD

Medical Director, Capital Caring
at the Adler Center for Caring

Michael Gofeld, MD, FRCPC, FIPP, CIPS

Associate Professor
University of Toronto & McMaster University

Corey W. Hunter, MD, FIPP

Executive Director, Ainsworth Institute
of Pain Management
Assistant Clinical Professor, Department
of Physical Medicine & Rehabilitation
Mount Sinai Hospital

Mark Friedrich B. Hurdle, MD

Physiatrist
Physical Medicine and Rehabilitation
Pain Medicine
Mayo Clinic

Dhanalakshmi Koyyalagunta, MD

Professor
MD Anderson Cancer Center

Julie H. Huang-Lionnet, MD, MBA

Director, Cancer Pain Management and
Regenerative Programs
Interventional and Cancer Pain
Management and Anesthesiology
Sackler Center for Pain Management
Greenwich Hospital
Yale New Haven Health

Gladstone C. McDowell II, MD

Medical Director
Integrated Pain Solutions Inc.

Neel Mehta, MD

Medical Director, Pain Medicine
Department of Anesthesiology
Co-Director, Center for Comprehensive
Spine Care
Weill Cornell Medicine

Sanjeet Narang, MD

Director, Oncology Pain Management
Department of Anesthesiology,
Brigham and Women's Hospital

Diane Novy, PhD

Professor Department of Pain Medicine
The University of Texas at
MD Anderson Cancer Center

Einar Ottestad, MD, FIPP, CIPS

Clinical Assistant Professor
Director, Acute Pain Service
Department of Anesthesiology,
Perioperative and Pain Medicine
Stanford University
President, World Academy of
Pain Medicine Ultrasonography

Judith Paice, PhD, RN

Director, Cancer Pain Program
Northwestern University

Richard Rauck, MD

Anesthesiologist
Carolinas Pain Institute

Erich O. Richter, MD

New Orleans Neurosurgical Associates

William S. Rosenberg, MD, FAANS

Neurosurgeon and Medical Director
Center for the Relief of Pain

Joshua Rosenow, MD

Director of Functional Neurosurgery
Northwestern University Feinberg
School of Medicine

Dawood Sayed, MD

Associate Professor
University of Kansas Hospital

David Spinner, DO

Assistant Professor/Rehabilitation Medicine
Mt. Sinai Hospital

Lisa Stearns, MD

Medical Director
Center for Pain and Supportive Care

Ofer M. Wellisch, MD, MPH

Chief, Pain Medicine
Stamford Hospital and Stamford Health
Medical Group

Tony Yaksh, PhD

Distinguished Professor
UCSD Dept. of Anesthesiology

DAY 1 | SCIENTIFIC AGENDA

Friday, September 8, 2017

LECTURES SESSIONS

(Zuckerman Auditorium)

- 7:00 AM REGISTRATION & BREAKFAST
- 8:00 AM DEPT. MEDICINE GRAND ROUNDS
Cancer Pain Medicine in the 21st Century
Amitabh Gulati, MD, FIPP, CIPS
- 9:00 AM **Welcome Remarks**
Vinay Puttanniah, MD
- 9:10 AM **Introduction to Cancer Pain Syndromes**
Michael G. Byas-Smith, MD
- 9:30 AM **Sympathetic Blockade for Visceral Oncologic Pain**
Honorio T. Benzon, MD
- 9:50 AM **Cancer Pain Management Paradigms**
Vinay Puttanniah, MD
- 10:10 AM **Panel Questions**
- 10:15 AM BREAK
- 10:30 AM **Intrathecal Drug Delivery: Indications & Medication Choices**
Richard Rauck, MD
- 10:50 AM **The Role of Ziconotide in Cancer Pain Medicine**
Gladstone C. McDowell II, MD
- 11:10 AM **Complications of Intrathecal Pump Delivery**
Sanjeet Narang, MD
- 11:30 AM **The Great Debate - When to Choose an IT Pump vs. Neurolytic Block**
Lisa Stearns, MD
- 11:50 AM **Panel Questions**
- 12:00 PM LUNCH

CONCURRENT BREAKOUT SESSIONS

(Zuckerman 105)

Concurrent Breakout Sessions will be held throughout the program. Participants are invited to attend the sessions of their choice.

9:10-10:15 AM

Neurosurgical Paradigms in Pain Medicine

Ilya Laufer, MD
Erich O. Richter, MD
William S. Rosenberg, MD, FAANS
Joshua Rosenow, MD

CALL FOR ABSTRACTS

Participants are invited to submit an abstract for presentation at the course. Abstracts for the poster session will be selected on the basis of their scientific merit and content quality. **Authors of the top posters will also be asked to present during the Best of Poster Presentation session.** For more information or to submit an abstract, visit: www.mskcc.org/PainSymposium

DAY 1 | SCIENTIFIC AGENDA

Friday, September 8, 2017

LECTURE SESSIONS

(Zuckerman Auditorium)

- 1:00 PM** **Techniques in Neurolysis – Radiofrequency, Chemical, & Cryoablation**
Dawood Sayed, MD
- 1:20 PM** **Indications for Kyphoplasty & Thermal Ablation**
Eric Lis, MD
- 1:40 PM** **Paradigms in Management of Sacroiliac Tumors & Neuroaxial Pain**
Grant H. Chen, MD
- 2:00 PM** **Techniques & Indications for Cordotomy**
William S. Rosenberg, MD, FAANS
- 2:20 PM** **Neurosurgical Lesioning Techniques**
Erich O. Richter, MD
- 2:40 PM** **Panel Questions**
- 3:00 PM** **Break & Best of Poster Presentations – Mentorship in Cancer Pain Medicine**
- 3:30 PM** **Treatments in Malignant Back Pain and Indications for Surgery**
Ilya Laufer, MD
- 3:50 PM** **Therapeutic Options in MSK & Limb Pain**
David Spinner, DO
- 4:10 PM** **Pearls & Pitfalls for Neuromodulation in the Oncologic Population**
Joshua Rosenow, MD
- 4:30 PM** **Introducing Newer Waveforms for Oncologic Patients**
Corey W. Hunter, MD, FIPP
- 4:50 PM** **Panel Questions**
- 5:00 PM** **Plenary Session – Novel Intrathecal Therapies**
Tony Yaksh, PhD
- 6:00 PM** **FOYER MEET AND GREET**

CONCURRENT BREAKOUT SESSION

(Zuckerman 105)

Cadaveric Workshop Lecture Series

*Recommended for Day 2 Cadaveric Workshop Attendees

GROUP DEMONSTRATIONS

1:00-3:00 PM (Zuckerman 105)

All Groups:

Get to Know Your IT Pump

Grant H. Chen, MD

Keith Clement, NP

Group 1:

Thoracic Spine and Intercostal

Amitabh Gulati, MD, FIPP, CIPS

Group 2:

Joint Innervations

Mark Friedrich B. Hurdle, MD

Group 3:

Head and Neck Blocks

Einar Ottestad, MD, FIPP, CIPS

BREAK & BEST OF

POSTER PRESENTATIONS –

MENTORSHIP IN CANCER PAIN MEDICINE

3:00-3:30 PM (Zuckerman Auditorium)

GROUP DEMONSTRATIONS

3:30-5:00 PM (Zuckerman 105)

Group 1:

Blocks for PMPS

Vinay Puttanniah, MD

Group 2:

Neuroaxial and Sacral Blocks

Anuj Bhatia, MD, FIPP, CIPS

Group 3:

Abdominal Visceral Blocks

Michael Gofeld, MD, FRCPC, FIPP, CIPS

Michael G. Byas-Smith, MD

DAY 2 | SCIENTIFIC AGENDA

Saturday, September 9, 2017

For Day 2, participants can attend the Lecture Sessions at Zuckerman Research Center Auditorium or register for the Cadaveric Workshop (at an additional cost), which will be held at the Doubletree by Hilton Metropolitan New York. Please see additional details for the Cadaveric Workshop on the following page.

LECTURE SESSIONS

(Zuckerman Auditorium)

7:30 AM	BREAKFAST	12:00 PM	LUNCH
8:00 AM	Building a Cancer Pain Practice Julie H. Huang-Lionnet, MD, MBA	1:00 PM	Acute Pain Management in the Chronic Cancer Pain Patient Vivek Tim Malhotra, MD, MPH
8:20 AM	Community Needs in Palliative & Interventional Cancer Pain Medicine Michael G Byas-Smith, MD	1:20 PM	Novel Views on Pain & Palliation: The Concept of Supportive Care Judith E. Nelson, MD, JD
8:40 AM	APP Model in Inpatient & Outpatient Pain Medicine Patricia Donoghue, NP	1:40 PM	Opioid Practice Guidelines Judith Paice, PhD, RN
9:00 AM	Panel Questions	2:00 PM	Addiction Medicine in Oncologic Population Dhanalakshmi Koyyalagunta, MD
9:10 AM	Concepts in Interventional Rehabilitation Brian M. Bruel, MD, MBA	2:20 PM	The Role of Opioids in Cancer Progression & Therapeutic Opportunities Ofer M. Wellisch, MD, MPH
9:30 AM	Bracing Techniques Lisa Marie Ruppert, MD	2:40 PM	Panel Discussion
9:50 AM	Botulinum Toxin & Cancer Pain Kasia Ibanez, MD	3:00 PM	BREAK
10:10 AM	Panel Questions	3:20 PM	Do Atypical and Antagonist Opioids Have a Role in Cancer Pain? Neel Mehta, MD
10:15 AM	BREAK	3:40 PM	Evidence for Multimodal Analgesia in Oncologic Pain Lee Hingula, MD
10:30 AM	Acupuncture & Cancer Pain Medicine Gary Deng, MD, PhD	4:00 PM	Intravenous Therapies & Infusions for Cancer Pain Honorio T. Benzoni, MD
10:50 AM	Guided Imagery & Cancer Pain Joan Pope, NP	4:20 PM	Cannabinoids & Cancer Pain Lisa Stearns, MD
11:10 AM	Practical Psychological Therapies for the Pain Practitioner Diane Novy, PhD	4:40 PM	Panel Discussion
11:30 AM	Global Concerns in Pediatric Pain Medicine Anurag K. Agrawal, MD	5:00 PM	ADJOURN
11:50 AM	Panel Questions		

Cadaveric Workshop

Saturday, September 9, 2017

Doubletree by Hilton Metropolitan New York
569 Lexington Ave
New York, NY 10022

WORKSHOP
(Additional Cost)
Space is Limited -
Register Early!

7:00 AM	REGISTRATION & BREAKFAST	
	Special Session	
8:00 AM	Percutaneous Cordotomy William S. Rosenberg, MD, FAANS	All Attendees
8:30 AM	Station 1 Intrathecal Pump Implants Ilya Laufer, MD Lisa Stearns, MD	Group 1
	Station 2 Thoracic Spine and Cervical Neuromodulation Neel Mehta, MD Amitabh Gulati, MD, FIPP, CIPS	Group 2
	Station 3 Posterior Neck, TON, GON & Cervical MBB Einar Ottestad, MD, FIPP, CIPS Michael Gofeld, MD, FRCPC, FIPP, CIPS	Group 3
	Station 4 Joint Denervation with RFA & Cryotherapy Mark Friedrich B. Hurdle, MD	Group 4
	Station 5 Sacroiliac Joint, Lumbar Spine & Pudendal Anuj Bhatia, MD, FIPP, CIPS Amitabh Gulati, MD, FIPP, CIPS	Group 5
12:30 PM	LUNCH	
	Special Session	
1:15 PM	RFA and Cryoablation Machines	All Attendees
1:30 PM	Station 6 Kyphoplasty and Radiofrequency Ablation Dawood Sayed, MD Eric Lis, MD	Group 1
	Station 7 Visceral Sympathetic Blocks Sanjeet Narang, MD Vinay Puttanniah, MD	Group 2
	Station 8 Facial, Trigeminal & Anterior Neck Blocks with Botox Michael Byas-Smith, MD Kasia Ibanez, MD	Group 3
	Station 9 Peripheral Nerve Stimulation Implants David Spinner, DO Michael Gofeld, MD, FRCPC, FIPP, CIPS	Group 4
	Station 10 Spinal Cord Stimulation Implants Amitabh Gulati, MD, FIPP, CIPS	Group 5
	Special Sessions Open Neurosurgical Procedures William S. Rosenberg, MD, FAANS Erich O. Richter, MD	All Attendees
	IT Pump Refill Under Ultrasound Amitabh Gulati, MD, FIPP, CIPS	
5:30 PM	ADJOURN	

REGISTRATION

	EARLY Before 7/8/17	GENERAL After 7/8/17	CADAVER WORKSHOP ADD-ON
Physicians (MDs, PhDs and DOs)	\$400	\$450	\$1,500
Residents and Fellows	\$200	\$250	\$300
PAs, NPs and RNs	\$150	\$200	
Industry Members*	\$785	\$785	

Register online at:
www.mskcc.org/PainSymposium

Registration includes continental breakfast, lunch, and refreshment breaks. Please contact us at least one week prior to the course if you have any special dietary needs.

- **30% Discounted Rate for MSK Alumni and MSK Alliance Members**
MSK offers a 30% discounted rate to all MSK Alumni and MSK Alliance members. Please contact cme@mskcc.org for a promo code or more information.
- **MSK Staff Registration**
Registration is complimentary for MSK staff. However, you must register online by visiting the course website, www.mskcc.org/PainSymposium.

***Industry Members** - Registration is for educational purposes only. Marketing, sales, and promotion of products and services are prohibited at CME activities.

MSK ACCREDITATION STATEMENT

MSK is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

AMA CREDIT DESIGNATION STATEMENT

MSK designates this live activity for a maximum of **15.5 AMA PRA Category 1 Credits™**. Physicians should only claim credit commensurate with the extent of their participation in the activity.



FACULTY DISCLOSURE

It is the policy of MSK to make every effort to insure balance, independence, objectivity, and scientific rigor in all continuing medical education activities which it provides as an ACCME accredited provider. In accordance with ACCME guidelines and standards, all faculty participating in an activity provided by MSK are expected to disclose any significant financial interest or other relationship with the manufacturer(s) of any commercial product(s) and/or provider(s) of commercial services which are discussed by the faculty members in an educational presentation. As required by the ACCME, when an unlabeled use of a commercial product or an investigational use not yet approved for any purpose is discussed during an educational activity, MSK requires the speaker to disclose that the product is not labeled for the use under discussion or that the product is still investigational.

CADAVERIC WORKSHOP ACCREDITATION STATEMENT

This activity has been planned and implemented by Dannemiller and WAPMU. In support of improving patient care, Dannemiller 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.

AMA CREDIT DESIGNATION STATEMENT

Dannemiller designates this live activity for a maximum of **8 AMA PRA Category 1 Credit(s)™**. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

ADA STATEMENT

Dannemiller and the WAPMU fully comply with the legal requirements of the ADA and the rules and regulations thereof. If any participant in this educational activity is in need of accommodations, please contact Scot Sarver at ssarver@wapmu.org by September 1, 2017 to receive service.

FACULTY DISCLOSURE

As a provider accredited by ACCME, Dannemiller must ensure balance, independence, objectivity and scientific rigor in its educational activities. Course director(s), planning committee, faculty, and all others who are in a position to control the content of this educational activity are required to disclose all relevant financial relationships with any commercial interest related to the subject matter of the educational activity. Safeguards against commercial bias have been put in place. Faculty also will disclose any off-label and/or investigational use of pharmaceuticals or instruments discussed in their presentation. Disclosure of this information will be published in course materials so those participants in the activity may formulate their own judgments regarding the presentation.