Memorial Sloan Kettering Cancer Center

INTERVENTIONAL CANCER PAIN SYMPOSIUM

September 8-9, 2017

Zuckerman Research Center
NEW YORK CITY

IN PARTNERSHIP WITH:
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 Puttanniah, MD
Director, Regional Anesthesia and Analgesia
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. Benson, 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, FRCP, 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 Ultrasoundography

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
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
Friday, September 8, 2017

**LECTURE SESSIONS**
(Zuckerman Auditorium)

1:00 pm  Techniques in Neurolysis – Radiofrequency, Chemical, & Cryoalation  
Dawood Sayed, MD

1:20 pm  Indications for Kyphoplasty & Thermal Ablation  
Eric Lis, MD

1:40 pm  Paradigms in Management of Sacroiliac Tumors & Neuroaxil 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
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

8:00 AM  Building a Cancer Pain Practice
Julie H. Huang-Lionnet, MD, MBA

8:20 AM  Community Needs in Palliative & Interventional Cancer Pain Medicine
Michael G Byas-Smith, MD

8:40 AM  APP Model in Inpatient & Outpatient Pain Medicine
Patricia Donoghue, NP

9:00 AM  Panel Questions

9:10 AM  Concepts in Interventional Rehabilitation
Brian M. Bruel, MD, MBA

9:30 AM  Bracing Techniques
Lisa Marie Ruppert, MD

9:50 AM  Botulinum Toxin & Cancer Pain
Kasia Ibanez, MD

10:10 AM  Panel Questions

10:15 AM  BREAK

10:30 AM  Acupuncture & Cancer Pain Medicine
Gary Deng, MD, PhD

10:50 AM  Guided Imagery & Cancer Pain
Joan Pope, NP

11:10 AM  Practical Psychological Therapies for the Pain Practitioner
Diane Novy, PhD

11:30 AM  Global Concerns in Pediatric Pain Medicine
Anurag K. Agrawal, MD

11:50 AM  Panel Questions

12:00 PM  LUNCH

1:00 PM  Acute Pain Management in the Chronic Cancer Pain Patient
Vivek Tim Malhotra, MD, MPH

1:20 PM  Novel Views on Pain & Palliation: The Concept of Supportive Care
Judith E. Nelson, MD, JD

1:40 PM  Opioid Practice Guidelines
Judith Paice, PhD, RN

2:00 PM  Addiction Medicine in Oncologic Population
Dhanalakshmi Koyyalagunta, MD

2:20 PM  The Role of Opioids in Cancer Progression & Therapeutic Opportunities
Ofer M. Wellisch, MD, MPH

2:40 PM  Panel Discussion

3:00 PM  BREAK

3:20 PM  Do Atypical and Antagonist Opioids Have a Role in Cancer Pain?
Neel Mehta, MD

3:40 PM  Evidence for Multimodal Analgesia in Oncologic Pain
Lee Hingula, MD

4:00 PM  Intravenous Therapies & Infusions for Cancer Pain
Honorio T. Benzon, MD

4:20 PM  Cannabinoids & Cancer Pain
Lisa Stearns, MD

4:40 PM  Panel Discussion

5:00 PM  ADJOURN
# Cadaveric Workshop

**Saturday, September 9, 2017**  
Doubletree by Hilton Metropolitan New York  
569 Lexington Ave  
New York, NY 10022

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<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tr>
<td>7:00 AM</td>
<td><strong>REGISTRATION &amp; BREAKFAST</strong></td>
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| 8:00 AM| **Special Session**  
Percutaneous Cordotomy  
William S. Rosenberg, MD, FAANS | All Attendees              |
| 8:30 AM| **Station 1**  
Intrathecal Pump Implants  
Ilya Lauffer, 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 Friedric 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**                                                             |                            |
| 1:15 PM| **Special Session**  
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  
Sanjeeet 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 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.

REGISTRATION

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<th>EARLY Before 7/8/17</th>
<th>GENERAL After 7/8/17</th>
<th>CADAVER WORKSHOP ADD-ON</th>
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Register online at: www.mskcc.org/PainSymposium

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 Credits™. 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.

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

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