2nd Congress Featuring Cancer Pain and Perioperative Medicine Experts from Around the World
MSK’s 2nd Congress of the Interventional Cancer Pain Symposium will provide an unparalleled experience for attendees involved in the treatment of oncologic pain patients. This year’s program will have an expanded experience in the fields of neurosurgery, rehabilitation, integrative medicine, supportive and palliative care, and interventional radiology for attendees. The advanced school will incorporate the evolving role of neurointerventional stimulation and imaging techniques in the treatment of the oncologic population. Additionally, a new emergency and periprocedural medicine track will include lectures and a regional anesthesia workshop on day 1 as well as a regional anesthesia cadaver workshop for anesthesia and emergency medicine health providers on day 2.

This course is intended for Physicians, Advanced Practice Providers, Residents and Fellows interested in learning state-of-the-art interventional pain procedures for treating oncologic patients.

Symposium Tracks
Lecture Track: Main Conference (Fri.-Sat.)
Highlights of the main conference agenda will include the expanded role and treatment options offered by neurosurgery, interventional radiology, oncology, supportive care, rehabilitation and integrative medicine. We will also have breakout sessions for the increasing role of Nursing and Advanced Practice Providers in the management of oncologic pain patients. Please refer to pages 3-4 for details.

Day 2 optional breakout sessions include:
- APP Breakout Series (includes hands-on live model rotations) - The advanced practice provider course will focus on up-to-date strategies in managing pain in cancer patients. Innovations have improved the options for our patients and providers have the opportunity to learn from experts in the field of cancer pain medicine.
- Innovations in Pain Medicine - Novel Research Series - This lecture series delves into new and interesting developments in pain medicine through an interactive lecture, panel, and discourse program.

Workshop Track (Fri.-Sat.)
This year’s technical workshops will be optimized to include sessions specifically designed in neurointerventional guidance, intrathecal drug delivery, rehabilitation and complementary medicine. State-of-the-art techniques in fluoroscopy and ultrasound guidance will be available to all attendees who register for the advanced workshops.

Attendees can select one of the following workshops at registration:
- Track 1 | Cancer Pain Medicine - Please refer to pages 5-6 for details.
- Track 2 | Perioperative/ Emergency Medicine - Please refer to pages 7-8 for details.
- Track 3 | Peripheral Nerve Stimulation/Spine (PNS/Spine) - Please refer to pages 9-10 for details.
- Track 4 | Musculoskeletal (MSK)/Regenerative Medicine - Please refer to pages 11-12 for details.

Symposium Locations
Day 1 is accredited by Memorial Sloan Kettering Cancer Center and held at: Zuckerman Research Center 417 East 68th Street New York, NY

Day 2 is accredited by Dannonmiller and WAPMU and held at: New York Marriott Marquis 535 Broadway New York, NY

CALL FOR ABSTRACTS
Memorial Sloan Kettering is pleased to invite you to submit an abstract for presentation at the Interventional Cancer Pain Symposium. Abstracts for the poster session will be selected on the basis of their scientific merit and content quality. Please submit abstracts online by August 15, 2019: mskcc.org/PainSymposium

MSK Course Director
Amilakh Gulati, MD, FIPP, CIPS
Director, Chronic Pain

Course Co-directors
Vinyu Puttanniah, MD
Director, Regional Anesthesia and Analgesia
Memorial Sloan Kettering Cancer Center

Invited Course Faculty
Ehslasham Baig, MSc, MD, FRCP
Toronto Western Hospital
University Health Network
Amuj Bhatia, MD, FRCA, FRCP, CIPP, ASRA-PMUC FIPP
Toronto Western Hospital; University Health Network
Michael G. Byas-Smith, MD
Capital Caring
Shane E. Brogan, MD
Huntsman Cancer Institute
University of Utah
Brian Mendoza Bruel, MD, MBA
Baylor University
Kavita V. Dharmanarayan, MD
Howard University
David Flamer, MD FRCP
University of Denver
Michael Gofeld, MD, PhD
Silver Centre for Pain Care
Vijaya Gottumukkala, MB, BS, MD, FRCA
MD Anderson Cancer Center
Rajneesh Gulati, MD
New York University
Jennifer Hah, MD, MS
Stanford University

MSK Course Faculty
Anoushka Afonso, MD
Robert J. Allen, Jr., MD
Aisha Baqai-Stern, MD
Mary Elizabeth Davis
Elizabeth Comen, MD
Aisha Baqai-Stern, MD
Robert J. Allen, Jr., MD
Anoushka Afonso, MD

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Lecture Track: Main Conference

Highlights of the main conference agenda will include the expanded role and treatment options offered by neurosurgery, interventional radiology, oncology, supportive care, rehabilitation and integrative medicine. We will also have breakout sessions for the increasing role of Nursing and Advanced Practice Providers in the management of oncologic pain patients.

Day 1 • Friday, September 13

7:00 am BREAKFAST & REGISTRATION

Department of Medicine Grand Rounds

8:00 am
Opioids, Anesthesia and Metastasis, Where Do We Stand?

Amitabh Gulati, MD, FIPP, CIPS

Treatments in Oncology

Moderator: Amitabh Gulati, MD, FIPP, CIPS

9:00 am
Intrathecal Drug Delivery Panel: Ask the Experts

Intrathecal Drug Delivery and Neuromodulation Panel Discussion

9:25 am
Treatment Related Pain Syndromes

Jun J. Mao, MD, MSCE

9:50 am
BREAK

10:00 am
Yoga and Pain Medicine (Lecture and Demo)

10:20 am
Incorporation of Spinal Bracing into the Panel Discussion

10:40 am
Encouraging Prehabilitation Before Evaluating for Epidural Complications

11:00 am
Networking Reception

11:20 am
Cordotomy: A New Horizon for a Classic Procedure

11:40 am
Panel Discussion

12:00 pm
LUNCH

Breast Cancer Tumor Board

Moderators: Vinay Puttanniah, MD

1:00 pm
Breast Cancer: A Pain Perspective

Elizabeth Conen, MD

1:20 pm
PMPG: An Algorithmic Approach to Treatment (pre-post op)

Vinay Puttanniah, MD

1:40 pm
Plastic Surgery

Robert J. Allen, Jr, MD

2:00 pm
Functional Rehabilitation Pearls

Theresa Gillis, MD

2:20 pm
Updates on AIA and Complementary Treatment

Jun J. Mao, MD, MSCE

2:40 pm
Panel Discussion

3:00 pm
BREAK

Focus on Prostate Cancer

Moderator: Aron Legler, MD

3:20 pm
Update on Treatment Strategies and Surveillance

Susan F. Slotin, MD, PhD

3:40 pm
Treatment Related Pain Syndromes

Natalie Hong (Khosrowova), MD

4:00 pm
Treatments for Metastatic Bone Disease

Ernesto Santos, MD

4:20 pm
Sacral Rontal Oncologic Pain: An Algorithmic Approach to Treatment

Aron Legler, MD

4:40 pm
Panel

5:00 pm
Keynote Speaker

Kris Vissers, MD, PhD, FIPP

6:00 pm
Networking Reception

Attendees are invited to join the course faculty for a networking reception at Memorial Sloan Kettering's Josie Robertson Surgery Center. Hors d'oeuvres and refreshments will be served.

Josie Robertson Surgery Center

1133 York Avenue

6:00-7:30 pm

Day 1 is accredited by MSK.

Day 2 • Saturday, September 14

7:00 am BREAKFAST

Pharmacotherapy

Moderator: Aron Legler, MD

8:00 am
Review of Atypical Opioids and Rotation Strategies

Natalie Hong (Khosrowova), MD

8:20 am
Opioid Irregularities and the Cancer Patient

Dhansalkar Kaysiaguntla, MD

8:40 am
Cannabinoids for Cancer Pain: Review of Treatment Strategies

Sana Shaikh, MD

9:00 am
Role of Ketamine for Oncologic Pain

Vinta Singh, MD

9:20 am
Update on Novel Cancer Pain Therapeutics

Kris Vissers, MD, PhD, FIPP

9:40 am
Panel

10:00 am
BREAK

Interventional Paradigms

Moderator: Aisha Baqui-Stern, MD

10:20 am
Nuances in Celiac Plexus Blockade

Dhansalkar Kaysiaguntla, MD

10:40 am
Paradigms in Treatment of Abdominopelvic Tumors

Aisha Baqui-Stern, MD

11:00 am
Paradigms for Thoracic and Chest Wall Pain

Aron Legler, MD

11:20 am
Head and Neck Cancer Pain: Evidence Based Treatment

Lee F. Haddad, MD

11:40 am
Corticosteroids for Tumor Related Pain

Vinta Singh, MD

12:00 pm
LUNCH

Rehabilitation Medicine

Moderator: Lisa Marie Ruppert, MD

1:00 pm
Role of Botulinum Toxin in Management of Pain

Kris Vissers, MD

1:20 pm
Incorporation of Spinal Bracing into the Treatment Plan

Lisa Marie Ruppert, MD

1:40 pm
Encouraging Prehabilitation Before Oncologic Treatment

Brian Mendes Buelav, MD, MBA

2:00 pm
Exercise in Management of Cancer Related Fatigue

Graha Syrkin, MD

2:20 pm
Osteopathic Manipulation Therapy for the Cancer Patient

Jonas M. Sokoloff, DO

2:40 pm
Panel

3:00 pm
BREAK

Optional Breakout Sessions

APP Breakout Series

8:00 am
Supportive Care Principles

Mary Elizabeth Davis, MSN, RN, CHNP, AOCNS

8:20 am
Opioid Management in the Geriatric Patient

Srinivas Kulkarni, MDN, RN, AOCNS

8:40 am
Managing Substance Use Disorder for the Oncology Pain Patient

Kate Singel, RN, MSN, ANP-BC

9:00 am
Opioid Monitoring Strategies

Kris Vissers, MD, PhD, FIPP

9:20 am
Medical Marijuana-NY Rules and Regulations

Danielle Gordon, PharmD, JD

Panel Discussion

12:00 pm
LUNCH

Innovations in Pain Medicine

1:00 - 5:00 pm

Additional details will be announced soon.

Day 2 is accredited by Dannemiller & WAPMU.

New York Marriott Marquis

535 Broadway

Day 1 is accredited by MSK.
Day 2 Workshop Track 1 Cancer Pain Medicine

The audience will have lecture, live model, and hands-on cadaver experience in fluoroscopic and ultrasound guided cancer pain procedures. This workshop will cover novel techniques in neurostimulation and intrathecal drug delivery along with advanced ultrasound guided procedures.

DAY 1 • Friday, September 13

Zuckerman Research Center
417 East 68th Street

Lecture Track (Main Conference)
7:00 am BREAKFAST & REGISTRATION

Day 1 is accredited by MSK.

Department of Medicine Grand Rounds
8:00 am Opioids, Anesthesia and Metastasis, Where Do We Stand?
Amitabh Gulati, MD, FIPP, CIPS

Treatments in Oncology
8:00 am Innovations in Oncology
Michael A. Postow, MD

9:25 am Radiation Treatment: A Pain Double Edged Sword
Kavita V. Dharmarajan, MD

9:50 am Panel Discussion

10:00 am BREAK

Neuroaxial Updates
10:20 am Cordotomy: A New Horizon for a Classic Procedure
Ilya Laufer, MD

10:40 am Vertebral Augmentation for Oncologic Patients
Eric Li, MD

11:00 am Electrical Neuromodulation: Best Experience and Evidence in Oncology?
Neil Mehta, MD

11:20 am Intrathecal Drug Delivery Panel: Ask the Experts
Dawood Sayed, MD
Shane E. Brogan, MD
Michael G. Byas-Smith, MD

12:00 pm LUNCH

Breast Cancer Tumor Board
Moderator: Vinay Puthanniah, MD

1:00 pm Breast Cancer: A Pain Perspective
Elizabeth Canren, MD

1:20 pm PMPS: An Algorithmic Approach to Treatment (pre-pot op)
Vinay Puthanniah, MD

Day 2 is accredited by Dannemiller & WAPMU.

DAY 2 • Saturday, September 14

Cadaver Workshop
7:00 am BREAKFAST

8:00 am Workshop Rotation I
1) Intrathecal Pump Implants
Ilya Laufer, MD
Shane E. Brogan, MD

2) Thoracic and Cervical Neuromodulation
Neel Mehta, MD

3) Visceral Sympathetic Blocks
Sanjeev Narang, MD

4) Kyphoplasty and Radiofrequency Ablation
Eric Lis, MD
Dawood Sayed, MD

12:00 pm Working Lunch

CSF Kinetics, Complications and Advanced Drug Dynamics
Amitabh Gulati, MD, FIPP, CIPS
Anish S. Patel, MD, MBA
Shane E. Brogan, MD
Sanjeev Narang, MD

1:00 pm Demonstrations

2:00 pm Workshop Rotation II
5) Thoracic, S1J, Lumbar Spine and Pelvic neuropathy
Elchini Sam, MD, MSc, MD, FRCP
Grant H. Chan, MD

6) Knee and Hip Joint Denervation w/ RFA
Anuj Bhatia, MD, FRCA, FRCPC, CIPP, ASRA-PMUC FIPP

7) Stellate and Posterior Neck
Michael G. Byas-Smith, MD

8) Shoulder and Upper Extremity
David Flamer, MD FRCPC

Special Session
5:30 pm Botox

6:00 pm ADJOURN

Day 1 is accredited by MSK.
Workshop Track 2
Perioperative / Emergency Medicine

A novel program specifically designed for Anesthesia and Emergency Medicine providers. This curriculum will focus on advanced ultrasound guided regional anesthesia techniques for the operating and emergency room (taught through live model and hands-on cadaver experience). Furthermore, difficult airway scenarios, point of care technologies, and diagnostic ultrasound techniques will be taught.

DAY 1 • Friday, September 13
Zuckerman Research Center
417 East 68th Street

7:00 am BREAKFAST & REGISTRATION
Department of Medicine Grand Rounds
8:00 am Opioids, Anesthesia and Metastasis, Where Do We Stand?
Amitabh Gulati, MD, FIPP, CIPS

Lectures
9:00 am Anesthesia and "Chemobrain"
Robert A. Veselis, MD
9:25 am Regional Anesthesia and Metastasis
Vijaya Gottumukkala, MB, BS, MD, FRCA
9:50 am Car T Cell Treatment: Anesthesia and Critical Care Concerns
Gregory Fischer, MD

10:00 am BREAK
MODERATOR: Eric R. Kelhoffer, MD

10:20 am TIVA Vs. Volatiles: Effects of Anesthetics on Metastatic Disease
Vijaya Gottumukkala, MB, BS, MD, FRCA
10:40 am ERAS: Evidence in Oncologic Outcomes
Anahita Dabo-Trubelja, MD
11:00 am Electrical Anaesthesia as Anaesthetics
Amitabh Gulati, MD, FIPP, CIPS
11:20 am Chronic Opioid Use After Cancer Surgery: Implications for Perioperative Management
Jennifer Hah, MD, MS
11:40 am Panel Discussion
12:00 am LUNCH

Live Model Workshop	Room 105
1:00 pm Anterior Chest Wall Blocks
Emily Lin, MD, MS
Abdominal Sympathetic and Abd Wall
Michael G. Byas-Smith, MD
Anterior Neck and Brachial Plexus
Amitabh Gulati, MD, FIPP, CIPS
Posterior Neck and Cervical Spine
Yasmine Haydaryans, MD, FIPP

3:00 pm BREAK

3:20 pm Thoracic Spine, Paravertebral and Intercostal
Ehtesham Bajeg, MD, MS, FRICP
Lumbosacral Spine and Pudendal
David Filmer, MD FRICP
Lower Extremity Nerves
TSA
Upper Extremity and Shoulder Nerves
Jennifer Hah, MD, MS

5:00 pm Keynote Speaker
Krist Vissers, MD, PhD, FIPP

6:00 pm Networking Reception
Attendees are invited to join the course faculty for a networking reception at Memorial Sloan Kettering’s Josie Robertson Surgery Center. Hors d’oeuvres and refreshments will be served.
Josie Robertson Surgery Center
1133 York Avenue
6:00-7:30 pm

12:00 pm Working Lunch
CSF Kinetics, Complications and Advanced Drug Dynamics
Amitabh Gulati, MD, FIPP, CIPS
Anish S. Patel, MD, MBA
Shane E. Brogan, MD
Sanjeet Narang, MD

1:00 pm Demonstrations
1:30 pm Suturing Station
2:00 pm Advanced Regional Anesthesia
1) Thoracic Chest Wall with Tube Placement
Difficult Airway Tract (EM and Anesthesia):
Alessia Pedoto, MD
Eric Kelhoffer, MD
2) Lower Extremity with Peripheral Nerve Stimulation
Difficult Airway Station - Simulator
Alessia Pedoto, MD
Difficult Airway Station - Tracheostomy/Jet
Sanjeet Narang, MD
Difficult Airway Station - Lung Isolation
Alessia Pedoto, MD
Difficult Airway Station - Video Assisted

5:00 pm ADJOURN

Day 1 is accredited by MSK.
Day 2 is accredited by Dannemiller & WAPMU.
Workshop Track 3
Peripheral Nerve Stimulation/Spine (PNS/Spine)

The field of peripheral nerve stimulation and regenerative medicine is rapidly changing, and this program will highlight these evolving fields. This workshop will emphasize ultrasound guided techniques in the use of peripheral nerve stimulators for pain patients and advanced ultrasound techniques in applying the newest technologies in regenerative medicine.

DAY 1 • Friday, September 13

7:00 am BREAKFAST & REGISTRATION

Department of Medicine Grand Rounds
8:00 am Opioids, Anesthesia and Metastasis, Where Do We Stand? Amitabh Gulati, MD, FIPP, CIPS

Live Model Workshop
9:00 am Shoulder Joint and Nerves TBA
Elbow and Wrist, with Nerves Mark Friedrich D Hurdle, MD
Hip Joint and Nerves David Spinner, DO
Knee and Ankle with Nerves Mike Rizwah, DO

10:00 am BREAK

Posterior Thoracic Spine with Nerves Ethan Baig, MSc, MD, FRCPC
Lumbar Spine with Nerves Anj Bhatia, MD, FRCP, FIPP, ASRA-PMU, FIPP
Sacrum and Muscles with Nerves Neel Mehta, MD, FIPP
Posterior Cervical Neck
eSheeran, MD

12:00 pm LUNCH

Lectures
1:00 pm Physiology of Peripheral Nerve Stimulation Jennifer Hall, MD, MS
1:30 pm Indications and Targets Jennifer Hall, MD, FIPP, CIPS

2:00 pm Outcomes and Research Michael Gofeld, MD, PhD

3:00 pm Panel Discussion

4:00 pm Treatments for Ligamentum Flavum Hypertrophy
Sayed E. Wahezi, MD
Endoscopic Treatment Options
On Barzilai, MD

5:00 pm Panel Discussion

6:00 pm Networking Reception
Josie Robertson Surgery Center
6:00-7:30 pm
**Workshop Track 4**  
**Muscloskeletal (MSK)/Regenerative Medicine**

This workshop track is an introduction into ultrasound training for musculoskeletal injuries and regenerative medicine. Advanced regenerative medicine techniques will be discussed in the second half of the workshop.

### DAY 1 • Friday, September 13

**Lecture Track (Main Conference)**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>7:00 am</td>
<td>BREAKFAST &amp; REGISTRATION</td>
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<tr>
<td>8:00 am</td>
<td>Department of Medicine Grand Rounds</td>
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<td>8:10 am</td>
<td>Opioids, Anesthesia and Metastasis, Where Do We Stand?</td>
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<td></td>
<td>Amrisha Gulati, MD, FIPP, CIPS</td>
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<td>9:00 am</td>
<td>Treatments in Oncology</td>
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<td>Inssease: Amrisha Gulati, MD, FIPP, CIPS</td>
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<td>9:25 am</td>
<td>Radiation Treatment: A Pain Double Edged Sword</td>
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<td>Kavita V. Dhamnarejan, MD</td>
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<td>9:55 am</td>
<td>Panel Discussion</td>
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<td>10:00 am</td>
<td>BREAK</td>
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<td>10:10 am</td>
<td>Neuroaxial Updates</td>
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<td>Inssease: Neel Mehta, MD</td>
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<td>10:25 am</td>
<td>Cordotomy: A New Horizon for a Classic Procedure</td>
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<td>Ilka Lauffer, MD</td>
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<td>10:40 am</td>
<td>Vertebral Augmentation for Oncologic Patients</td>
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<td>Eric Lin, MD</td>
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<td>11:00 am</td>
<td>Electrical Neurostimulation: Best Experience and Evidence in Oncology?</td>
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<td>Neel Mehta, MD</td>
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<td>Intrathecal Drug Delivery Panel: Ask the Experts</td>
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<td>Neel Mehta, MD</td>
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<td>Michael G. Byas-Smith, MD</td>
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<td>12:00 pm</td>
<td>LUNCH</td>
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<td>1:00 pm</td>
<td>Breast Cancer Tumor Board</td>
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<td>Inssease: Vinay Patypannan, MD</td>
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<td>1:10 pm</td>
<td>Breast Cancer: A Pain Perspective</td>
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<td>Elizabeth Comen, MD</td>
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<td>1:20 pm</td>
<td>PMPS: An Algorithmic Approach to Treatment</td>
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<td>Vinay Patypannan, MD</td>
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<tr>
<td>1:40 pm</td>
<td>Plastic Surgery</td>
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<td>Robert J. Allen, Jr, MD</td>
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<td>2:00 pm</td>
<td>Functional Rehabilitation Pearls</td>
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<td>Theresa Gillis, MD</td>
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<td>2:20 pm</td>
<td>Updates on AIA and Complementary Treatment</td>
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<td>Jun J. Hsu, MD, MSK</td>
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<td>2:40 pm</td>
<td>Panel Discussion</td>
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<tr>
<td>3:00 pm</td>
<td>BREAK</td>
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<td>3:20 pm</td>
<td>Focus on Prostate Cancer</td>
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<td>Inssease: Aron Legler, MD</td>
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<td>3:40 pm</td>
<td>Treatment Related Pain Syndromes</td>
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<td>Susan F. Sokin, MD</td>
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<td>4:00 pm</td>
<td>Treatments for Metastatic Bone Disease</td>
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<td>Ernesto Santos, MD</td>
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<td>4:40 pm</td>
<td>Sacroiliac Oncologic Pain: An Algorithmic Approach to Treatment</td>
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<td>Aron Legler, MD</td>
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<td>5:00 pm</td>
<td>Keynote Speaker</td>
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<td>Kim Visions, MD, PhD, FIPP</td>
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<td>6:00 pm</td>
<td>Networking Reception</td>
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<td>1133 York Avenue</td>
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<td>6:00-7:30 pm</td>
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### Cadaver Workshop

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### DAY 2 • Saturday, September 14

**Special Session**

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<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>7:30 am</td>
<td>Introduction to Pharmacotherapeutics for OA</td>
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<tr>
<td>8:00 am</td>
<td>Workshop Rotation I</td>
</tr>
<tr>
<td></td>
<td>1) Upper Extremity Joints (shoulder, elbow, wrist)</td>
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<td>TBA</td>
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<td></td>
<td>2) Upper Extremity Nerves and Muscles</td>
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<tr>
<td></td>
<td>Mike Mizrachi, DO</td>
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<tr>
<td></td>
<td>3) Lower Extremity Joints (hip, knee, ankle)</td>
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<td></td>
<td>Matthew J. Pingree, MD</td>
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<tr>
<td></td>
<td>Brian Mendoza Bruel, MD</td>
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<td></td>
<td>4) Lower Extremity Nerves and Muscles</td>
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<td></td>
<td>Mark Friedrich B Hurdle, MD</td>
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<tr>
<td>12:00 pm</td>
<td>Working Lunch</td>
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<tr>
<td>1:00 pm</td>
<td>Advances in Botox</td>
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<td>TBA</td>
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<tr>
<td>2:00 pm</td>
<td>Workshop Rotation II</td>
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<td>5) Bone Marrow Aspirate</td>
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<td>6) Round Table Regenerative Medicine Panels</td>
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<td>7) Cervical and Thoracic Spine</td>
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<td>8) Lumbosacral Spine and Pelvic Musculature</td>
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<tr>
<td>6:00 pm</td>
<td>ADJOURN</td>
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</tbody>
</table>

Day 1 is accredited by MSK.  
Day 2 is accredited by Dannemiller & WAPMU.
**Symposium Fees**

<table>
<thead>
<tr>
<th>Lecture Track: Main Conference  (Fri.-Sat.)</th>
<th>Early*</th>
<th>General</th>
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</thead>
<tbody>
<tr>
<td>Physicians (MD, DOs)</td>
<td>$550</td>
<td>$600</td>
</tr>
<tr>
<td>Advanced Practice Providers &amp; Nurses</td>
<td>$250</td>
<td>$300</td>
</tr>
<tr>
<td>Residents &amp; Fellows</td>
<td>$100</td>
<td>$150</td>
</tr>
<tr>
<td>Industry Members**</td>
<td>$850</td>
<td>$900</td>
</tr>
</tbody>
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Optional Add-on: Innovation & Research or APP Series -- --

**Workshop Track (Fri.-Sat.)**

| Track 1: Cancer Pain Medicine - Physicians | $700 | $800 |
| Track 2: Perioperative/Emergency Medicine - Physicians | $700 | $800 |
| Track 2: Perioperative/Emergency Medicine - Residents & Fellows | $150 | $250 |
| Track 3: MSK/Regenerative Medicine - Physicians | $700 | $800 |
| Track 3: MSK/Regenerative Medicine - Residents & Fellows | $150 | $250 |
| Track 4: PNS/Spine - Physicians | $700 | $800 |
| Track 4: PNS/Spine - Residents & Fellows | $150 | $250 |

**REGISTER ONLINE:**
mskcc.org/PainSymposium

Course registration includes continental breakfast, lunch, and refreshment breaks. Please contact cme@mskcc.org at least one week prior to the course if you have any special dietary requests or require any specific accommodations.

- **Discount available to ICPS 2019 partners.** Please email cme@mskcc.org for more information and a promotion code.
- **MSK CME offers a 30% discounted rate for MSK Alumni, MSK Cancer Alliance and Cancer Care Partners.** If you are a member of one of these groups, please contact cme@mskcc.org for more information.
- **MSK employee registration is complimentary.** However you must complete course registration in order to attend this course. Please note that MSK employees interested in registering for the workshop track will need to sign up for the MSK waitlist (available through the registration site).

*Early registration expires July 13, 2019.* **Industry professionals** may attend MSK CME activities for their own education. Marketing, sales, and promotion of products and services is strictly prohibited at MSK CME activities.

**Contact**
Memorial Sloan Kettering Cancer Center
Office of Continuing Medical Education
646-227-2025  cme@mskcc.org

**Accreditation**
**Day 1 Accreditation Statement**
Memorial Sloan Kettering Cancer Center is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

**AMA Credit Designation Statement**
Memorial Sloan Kettering Cancer Center designates this live activity for a maximum of 8.25 AMA PRA Category 1 Credit(s)™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

**The American Board of Anesthesiology® MOCA®**
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**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 relationship with the manufacturer(s) of any commercial product(s) and/or provider(s) of commercial services which are discussed by the faculty member 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.

**Day 2 Accreditation Statement**
In support of improving patient care, this activity has been planned and implemented by Dannemiller and WAPMU. Dannemiller is jointly accredited by the Accreditation Council for Continuing Medical Education (ACME), the Accreditation Council for Pharmacy Education (ACPE), and the American Nurses Credentialing Center (ANCC), to provide continuing education for the healthcare team.

**Designation of Credit for Physicians**
Dannemiller designates this live activity for a maximum of 9.50 AMA PRA Category 1 Credit(s)™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

**Non-Faculty Disclosure**
The WAPMU and Dannemiller staff involved in the development of this activity has no financial relationships with commercial interests. To resolve identified/potential conflicts of interest, the educational content was fully reviewed by a physician member of the Dannemiller Clinical Content Review Committee who has no financial relationships with commercial interests. The resulting certified activity was found to provide educational content that is current, evidence based, and balanced. 

**Disclaimer**
The content and views presented in this educational activity are those of the authors and do not necessarily reflect those of Dannemiller, MSKCC and WAPMU. This material is prepared based upon a review of multiple sources of information, but it is not exhaustive of the subject matter. Therefore, healthcare professionals and other individuals should review and consider other publications and materials on the subject matter before relying solely upon the information contained within this educational activity.

**Off Label Statement**
This educational activity may contain discussion of published and/or investigational uses of agents that are not indicated by FDA. The faculty has been asked to disclose this information when presented. The opinions expressed in the educational activity are those of the faculty. Please refer to the official prescribing information for each product for discussion of approved indications, contraindications, and warnings. Further attendees/participants should appraise the information presented critically and are encouraged to consult appropriate resources for any product or device mentioned in this program.

**Evaluation and Credit**
All attendees must complete the evaluation in order to receive a certificate of credit. (www.dannemiller.com/ICPS2019). The number of credits awarded will be based upon the hours you indicate you attended on the evaluation. After submitting the evaluation, a certificate will be issued via email. Credit is provided through November 1, 2019. No credit will be given after this date.

**Symposium Location**
Day 1 is accredited by Memorial Sloan Kettering Cancer Center and held at:
Zuckerman Research Center
417 East 68th Street
New York, NY

Day 2 is accredited by Dannemiller and WAPMU and held at:
New York Marriott Marquis
535 Broadway
New York, NY

MSK has negotiated special rates and amenities at select hotels in Manhattan. For information on hotels in the vicinity of MSK with discounted rates, please visit: mskcc.org/cme