Cleveland Clinic
Department of Pain Management

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The 16th Annual

Pain Management Symposium

FEBRUARY 15 – 19, 2014

CAESARS PALACE • LAS VEGAS, NV

REGISTER TODAY! ccfcme.org/NoPain

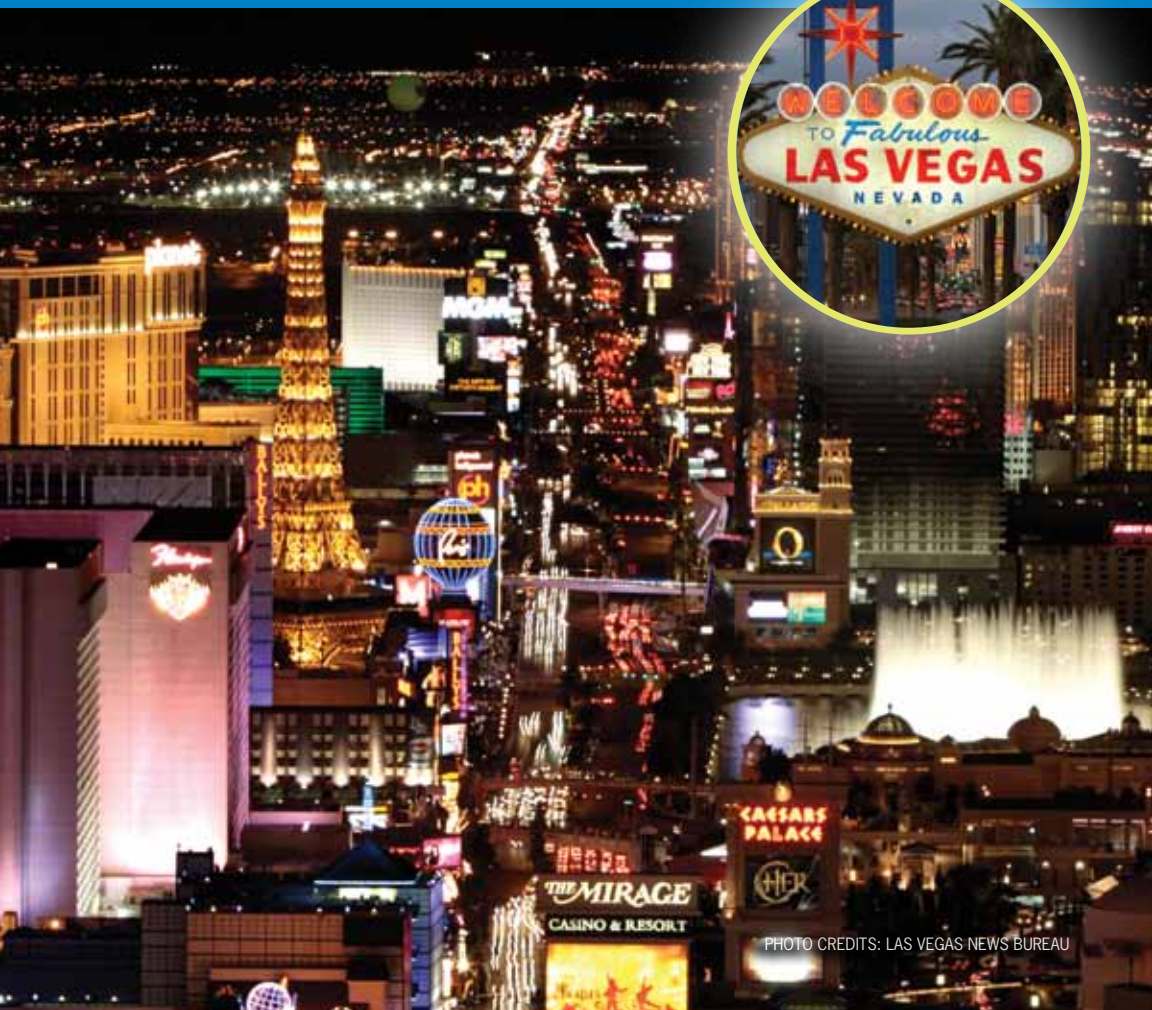

PHOTO CREDITS: LAS VEGAS NEWS BUREAU

ABOUT THE PAIN MANAGEMENT SYMPOSIUM

The Cleveland Clinic Department of Pain Management is pleased to offer *The 16th Annual Pain Management Symposium*. We invite you to join us in the beautiful setting of Caesars Palace in Las Vegas, Nevada, during the week of February 15 – 19, 2014. This dynamic 5-day Symposium will focus on in-depth reviews and analyses of recent advances in pain medicine and regional anesthesia/analgesia.

Tremendous changes have affected the practice of pain management, particularly therapeutic advances. This 5-day Symposium will promote a better understanding of the pathophysiology of acute and chronic pain, enhance knowledge regarding various chronic neuropathic pain conditions, and critically review novel state-of-the-art interventional and noninterventional techniques in diagnosis and management of chronic pain, cancer pain, and headaches. A nationally renowned faculty will provide insightful assessment and clinical practice evaluation of the topics.

In addition to the didactic program, attendees have opportunities to participate in a variety of educational activities. Each day begins with informal discussions with the faculty during the continental breakfasts. On Sunday through Tuesday, there are optional late afternoon problem-based learning discussions. We also invite you to a reception on Saturday evening, which promises to be a fantastic social gathering opportunity for attendees, their families, friends, and faculty.

Exclusive for practicing physicians and pain medicine fellows in training are two unique workshops, offered multiple times throughout the week. On Saturday through Tuesday, there are optional afternoon cadaver workshops on various novel interventional pain management techniques. On Saturday, Monday, and Tuesday, a live ultrasound-guided workshop covering neck and lumbar spine procedures will be available.

WHO SHOULD ATTEND

Practitioners and health care professionals who seek the latest developments in pain medicine, including anesthesia providers, interventional pain specialists, physical medicine and rehabilitation specialists, orthopaedic and spine surgeons, neurologists, headache specialists, palliative care specialists, primary care physicians, physical therapists, physician assistants, and nurses who are interested in the practice of pain management will benefit from this program. Due to limited space, all workshops are only offered to practicing physicians or pain medicine fellows in training.

OBJECTIVES

- Discuss current evidence-based management strategies for treating acute and chronic pain
- Present an in-depth update and analysis of management strategies for neuropathic pain and spinal pain
- Describe how to manage risks associated with pain management including abuse, addiction, and risks to both patients and caregivers
- Demonstrate competencies to perform intraspinal drug delivery and techniques for procedures such as nerve stimulation, cooled RF, and axial blocks
- Describe new approaches for neurostimulation including high-frequency stimulation, adaptive stimulation, burst stimulation, electric peripheral nerve stimulation, and block
- Critically assess strategies for managing chronic pain in select conditions including pelvic pain, visceral pain, facial pain, geriatric pain, pediatric pain, and headache
- Debate the pros and cons of controversies surrounding cervical facets RFA procedures such as using thermal vs cooled techniques and lateral vs posterior approaches
- Summarize research advances and future direction in intraspinal drug delivery
- Address psychological issues associated with pain
- Provide an overview of strategies for addressing the business side of pain management, especially in view of the Affordable Care Act

Caesars Palace, Las Vegas

SYMPOSIUM DIRECTOR

Nagy A. Mekhail, MD, PhD
Cleveland Clinic
Cleveland, OH

ORGANIZING COMMITTEE

Philippe Berenger, MD

Lokesh Ningegowda, MD

Shrif Costandi, MD, ***Coordinator, Cadaver Workshops***

Deb McChrystal

Nicole Wong

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The Spine and Pain Institute of New York
New York, NY

Eric Buchser, MD
EHC – Hôpital de Morges
Switzerland

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Texas Pain
Tyler, TX

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Napa Pain Institute
Napa, CA

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Royal Oak, MI

Leonardo Kapural, MD, PhD
Carolinas Pain Institute and Center for Clinical Research
Winston-Salem, NC

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Pacific Pain Treatment Center
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Bruce Vrooman, MD
Department of Pain Management

Englok Yap, MD
Department of Pain Management

SATURDAY, FEBRUARY 15, 2014

7:00 am Registration/Continental Breakfast/Exhibits
Informal Consultation with Faculty

7:50 am Welcome/Introduction
Nagy A. Mekhail, MD, PhD

7:55 am Opening Remarks
Richard W. Rosenquist, MD

Presiding: *Craig Hartrick, MD*

Chronic Pain Update

8:00 am The Disease of Neuropathic Pain
Scott Fishman, MD

8:30 am Role of Glial Cells in Chronic Pain
Craig Hartrick, MD

9:00 am Update on the Diagnosis and Management of CRPS
Michael Stanton-Hicks, MD

9:30 am Affordable Care Act: Is It Affordable and Do They Care?
Eric Grigsby, MD

10:00 am Refreshment Break/Exhibits

10:30 am Evidence-Based Pain Medicine
Robert M. Levy, MD, PhD

11:00 am Complications of Interventional Pain Medicine
Richard W. Rosenquist, MD

11:30 am Prescription Opioids Abuse
Scott Fishman, MD

12:00 pm Panel Discussion/Question and Answer Period

12:30 pm Adjourn

6:30 – 8:30 pm
Reception (Families Cordially Invited)

SUNDAY, FEBRUARY 16, 2014

7:30 am Continental Breakfast/Exhibits
Informal Consultation with Faculty

Presiding: *Ramsin Benyamin, MD*

My Technique Symposium

8:00 am Trigeminal Nerve Stimulation
Robert M. Levy, MD, PhD

8:15 am Atlantoaxial Blocks for Headache
Miles Day, MD

8:30 am Occipital Nerve Stimulation
Liong Leim, MD

8:45 am Biacuplasty for Discogenic Pain
Leonardo Kapural, MD, PhD

9:00 am Cooled RF for Osteoarthritis
Michael Gofeld, MD

9:15 am Digital Subtraction Angiography
Jeffery Petersohn, MD

9:30 am Hybrid Stimulation
Timothy R. Deer, MD

9:45 am Botulinum Toxins for Headache
Emad Estemalik, MD

10:00 am Refreshment Break/Exhibits

Innovations in Neurostimulation

10:30 am Adaptive Stimulation
Aaron Calodney, MD

10:45 am High Frequency Stimulation
Leonardo Kapural, MD, PhD

11:00 am Burst Stimulation
Timothy R. Deer, MD

11:15 am DRG Stimulation
Liong Leim, MD

11:30 am Electric Peripheral Nerve Block
Amol Soin, MD

11:45 am Peripheral Nerve Stimulation "Bioness"
Ramsin Benyamin, MD

12:00 pm Panel Discussion/Question and Answer Period

12:30 pm Adjourn

6:00 – 7:00 pm
Problem-Based Learning Discussion
(Please indicate your choice on the symposium registration form)

A.	B.	C.
The Business of Pain Medicine *Eric Grigsby, MD*	**Trigeminal Neuralgia** *MaryAnn Mays, MD*	**Diagnostic Blocks for Chronic Pain** *Richard W. Rosenquist, MD*

MONDAY, FEBRUARY 17, 2014

7:30 am Continental Breakfast/Exhibits
Informal Consultation with Faculty

Presiding: *Lokesh Ningegowda, MD*

Spine Pain

8:00 am "MILD" for Lumbar Spinal Stenosis "Critical Review"
Bohdan Chopko, MD

8:30 am Lumbar Fusion vs. Laminectomy: Spine Surgery Perspective
Iain Kalfas, MD

9:00 am Sacroiliac Joint Pain
Nilesh Patel, MD

9:30 am Post Fusion Adjacent Segment Abnormality
Iain Kalfas, MD

10:00 am Refreshment Break/Exhibits

Facial and Cervical Facets Pain

10:30 am Cooled RFA
Jeffery Petersohn, MD

10:45 am Thermal RFA
Samer Narouze, MD, PhD

11:00 am Lateral Approach
Jianguo Cheng, MD, PhD

11:15 am Posterior Approach
Ramsin Benyamin, MD

11:30 am Facial Pain
Robert M. Levy, MD, PhD

11:45 am Cervicogenic Headache
MaryAnn Mays, MD

12:00 pm Panel Discussion/Question and Answer Period

12:30 pm Adjourn

6:00 – 7:00 pm
Problem-Based Learning Discussion
(Please indicate your choice on the symposium registration form)

D.	E.	F.
Medical Management of Neuropathic Pain *Craig Hartrick, MD*	**Fibromyalgia** *Philippe Berenger, MD*	**New Anticoagulation Guidelines for Interventional Pain Therapy** *Samer Narouze, MD, PhD*

TUESDAY, FEBRUARY 18, 2014

7:30 am Continental Breakfast/Exhibits
Informal Consultation with Faculty

Presiding: *Philippe Berenger, MD*

Evidence Based Practice

8:00 am MOA of Neurostimulation
Elliot Krames, MD

8:30 am SCS for Axial Back Pain
Eric Buchser, MD

8:45 am Pulsed RF for Chronic Pain
David A. Provenzano, MD

9:00 am Sedation Improves Success of Interventional Pain Management
Nilesh Patel, MD

9:15 am Caudal ESI: Still has a Place for FBSS
David A. Provenzano, MD

9:45 am A New Role for the Pain Specialist: Diagnostic Ultrasound
Samer Narouze, MD, PhD

10:00 am Refreshment Break/Exhibits

Intraspinal Delivery

10:30 am Neurobiology of Intrathecal Space
Elliot Krames, MD

11:00 am CSF Dynamics
Eric Buchser, MD

11:30 am Intrathecal Opioid Dose Escalation
Robert Bolash, MD

11:45 am Future of Intrathecal Therapy
Elliot Krames, MD

12:00 pm Panel Discussion/Question and Answer Period

12:30 pm Adjourn

6:00 – 7:00 pm
Problem-Based Learning Discussion
(Please indicate your choice on the symposium registration form)

G.	H.	I.
Drug Testing in Pain Practice	**Disability Assessment**	**Role of Conditioning in Chronic Pain**
Lokesh Ningegowda, MD	*Daniel Leizman, MD*	*Edward Covington, MD*

WEDNESDAY, FEBRUARY 19, 2014

7:30 am Continental Breakfast/Exhibits
Informal Consultation with Faculty

Presiding: *Bruce Vrooman, MD*

8:00 am Pelvic Pain: GYN Perspective
Ashraf El-Dabh, MD

8:15 am Visceral Pain
Bruce Vrooman, MD

8:30 am Geriatric Pain
Daniel Leizman, MD

8:45 am Pain From the Child's Perspective
Ibrahim Farid, MD

9:00 am Metastatic Bone Tumors
Michael Gofeld, MD

9:15 am Post Thoracotomy Pain
Philippe Berenger, MD

9:30 am Drug Overuse Headache
Emad Estemalik, MD

10:00 am Refreshment Break/Exhibits

Risk Management in Pain Medicine

10:30 am The Tylenol with Codeine Scare
Ibrahim Farid, MD

10:45 am Safe Management of Chronic Opioid Therapy
Edward Covington, MD

11:15 am Lessons from Medicolegal Cases
David Rowan, ESQ

11:45 am Risk of Addiction to Healthcare Providers
John Tetzlaff, MD

12:00 pm Panel Discussion/Question and Answer Period

12:30 pm Adjourn

Optional Cadaver Workshop

1:30 – 5:30 pm
Fee: $600 Per Workshop Session
(Physicians only)

Bus will leave at 1:00 pm. A box lunch will be provided. Please sign up on the Symposium registration form. Space is limited, so early registration is recommended. Attendees will rotate to each station.

Saturday Session I
1. Sphenopalatine Ganglion Blocks
   Miles Day, MD
2. Thoracic Facets Cooled RFA
   Jeffery Petersohn, MD
3. Cervical Facets MB RFA
   Robert Bolash, MD
4. TransDiscal Biacuplasty
   Lokesh Ningegowda, MD

Sunday Session II
1. Minimally Invasive Lumbar Decompression
   Aaron Calodney, MD
2. Lumbar Facets MB RFA
   Englok Yap, MD
3. Hypogastric Plexus Block
   Shrif Costandi, MD
4. Sacral Lateral Branches Cooled RFA for SIJ Pain
   Philippe Berenger, MD

Monday Session III
1. Vertebroplasty
   Jianguo Cheng, MD, PhD
2. Atlantoaxial Joint Block
   Miles Day, MD
3. Lumbar Facets MB RFA
   Philippe Berenger, MD
4. Minimally Invasive Lumbar Decompression
   Bohdan Chopko, MD

Tuesday Session IV
1. Cervical Facets MB RFA
   Englok Yap, MD
2. Trigeminal Nerve Block
   Jianguo Cheng, MD, PhD
3. Kyphoplasty
   Amol Soin, MD
4. Sacral Lateral Branches RFA for SIJ
   Bruce Vrooman, MD

Optional Live Model Workshop – SATURDAY, MONDAY, and TUESDAY

2:00 – 5:00 pm | Fee: $500 (Physicians Only)

Please sign up on the Symposium registration form. Space is limited, so early registration is recommended.

Live Ultrasound-Guided Workshop

Peripheral Nerve Blocks, Neck, Joints, and Bursa Injection Procedures
Loran Mounir-Soliman, MD; Samer Narouze, MD, PhD; David A. Provenzano, MD; and *Michael Gofeld, MD*

GENERAL INFORMATION

Location

Caesars Palace
3570 Las Vegas Boulevard South
Las Vegas, NV 89109
Phone: 866.227.5938
Website: caesarspalace.com

Hotel Accommodations

A block of rooms has been reserved at Caesars Palace until **Tuesday, January 21, 2014**. To make your reservations, contact the Hotel Reservations Department at 866.227.5944. Please identify yourself as being with **Cleveland Clinic Pain Management (group code SCCCF4)** for a special rate of $229 single/double plus tax.

Climate

The average high temperature in February is 63°F (17°C).

Information

For further information about this symposium, contact the Cleveland Clinic Center for Continuing Education at:

Local: 216.448.0770
Toll Free: 800.238.6750
Web Address: ccfcme.org/NoPain

Registration and Cancellation

Preregistrations are accepted until 2:00 pm ET **Thursday, February 13, 2014**. Register on site after this date. In case of cancellation, a full refund will be made if canceled by February 5, 2014. After February 5, 2014, a $300 cancellation fee will be deducted from your refund. Written notification of your cancellation is required to process your refund. NO REFUNDS WILL BE ISSUED AFTER FEBRUARY 28, 2014.

For questions about registration, call 216.448.0777 or email us at cmeregistration@ccf.org.

Accreditation

The Cleveland Clinic Foundation Center for Continuing Education is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

The Cleveland Clinic Foundation Center for Continuing Education designates this live activity for a maximum of 39.25 *AMA PRA Category 1 Credits*™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Participants claiming CME credit from this activity may submit the credit hours to the American Osteopathic Association for Category 2 credit.

The Ohio Board of Nursing will accept at face value the number of contact hours awarded for an educational activity that has been approved for CE by a nationally accredited system of CE approval. Therefore, the 39.25 *AMA PRA Category 1 Credits*™ will be accepted for nursing credits.

Faculty Disclosure

The Cleveland Clinic Foundation Center for Continuing Education has implemented a policy to comply with the current Accreditation Council for Continuing Medical Education Standards for Commercial Support requiring resolution of all faculty conflicts of interest. Faculty declaring a relevant commercial interest will be identified in the activity syllabus.

Reserve Your Room at Caesars Palace before November 30 and Win a Free Symposium Registration!

($900 value – workshops not included)

Book your hotel reservations before November 30, 2013, and you will be entered into a drawing to win a free symposium registration! Reserve today!
Reservation Options

1. Go to **www.ccfcme.org/Painhotel** and make your reservation online.
2. Call the hotel directly at 866.227.5944 and mention that you are with the Cleveland Clinic Pain Management Symposium.

Americans with Disabilities Act

The Cleveland Clinic Foundation Center for Continuing Education fully intends to comply with the legal requirements of the Americans with Disabilities Act. If you need assistance, please notify us at least two weeks prior to the activity.

Study References

Included with your full registration is a complimentary mobile app available for download on tablets and smartphones incorporating PowerPoint slides with note-taking and highlighting ability. Take notes at the symposium and continue reviewing when you get home.

Faculty presentations will also be available for you online in PDF format on a password protected website. You will have access prior to the symposium to allow you to print the slides to bring to the symposium.

Free app for all attendees!

Access presentations anytime, anywhere
Take notes, draw, or highlight

Registration Form

The 16th Annual Pain Management Symposium

February 15 – 19, 2014
Caesars Palace | Las Vegas, NV

Course #: 01110031

Two Ways to Register

ONLINE
ccfcme.org/NoPain
Cleveland Clinic employee fees and registration are available online only.

BY MAIL
The Cleveland Clinic Educational Foundation
PO Box 931653, Cleveland, OH 44193-1082

Make check payable:
The Cleveland Clinic Educational Foundation

Registration Fee $ _____
Cadaver Workshop $ _____
Live Model Workshop $ _____
Total check amount enclosed $ _____

Please Print

Complete the information below if registering by mail.

First Name: MI: Last Name: Degree:

Institution Name:

Address:

City: State: Zip:

Phone Number: Fax Number:

Email Address: Specialty:

Practice Type: ❑ Office-Based ❑ Hospital Staff ❑ Resident/Fellow ❑ Other

Fees

Fee Includes: Continental breakfasts, refreshment breaks, online syllabus in PDF format, and downloadable App.

		On or Before December 3, 2013	After December 3, 2013
☐	Physician	$900	$950
☐	Cleveland Clinic Alumnus	$680	$720
☐	CRNA	$725	$775
☐	Nurse/S-RNA (Student)	$525	$575
☐	Allied Health Professionals/Nonphysician	$525	$575
☐	Resident*/Fellow*	$475	$525

*Letter from program director is required to receive the discounted fee. If letter is not received two weeks prior to the activity, the full physician fee will be charged.

Please Select Appropriate Fields

Problem-Based Learning Discussion Sign-Up
Fee: Complimentary
6:00 – 7:00 pm
Indicate your choice:

Sunday	☐ A. The Business of Pain Medicine
	☐ B. Trigeminal Neuralgia
	☐ C. Diagnostic Blocks for Chronic Pain
Monday	☐ D. Medical Management of Neuropathic Pain
	☐ E. Fibromyalgia
	☐ F. New Anticoagulatation Guidelines for Interventional Pain Therapy
Tuesday	☐ G. Drug Testing in Pain Practice
	☐ H. Disability Assessment
	☐ I. Role of Conditioning in Chronic Pain

Saturday – Tuesday Optional Cadaver Workshop Sign-Up
(For Physicians Only)
Fee: $600 per Workshop/Day
1:30 – 5:30 pm
Indicate your choice:

☐ I. Saturday	☐ III. Monday
☐ II. Sunday	☐ IV. Tuesday

Saturday, Monday, and Tuesday Optional Live Model Workshop Sign-Up (For Physicians Only)
Fee: $500 per Workshop/Day
2:00 – 5:00 pm
Indicate your choice:

☐ V. Saturday	☐ VII. Tuesday
☐ VI. Monday	

For registration questions, please email cmeregistration@ccf.org or call 216.448.0777

Cleveland Clinic recognizes the importance of protecting the privacy and security of information provided to us. Therefore, we are no longer requesting credit card data in writing, including on registration forms or faxes. If you would like to register using a credit card, please log in to www.ccfcme.org/NoPain or call 216.448.0777 where it will be handled directly by a certified processor.

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