



# The 23rd Annual Pain Management Symposium

**March 9-13, 2024**



San Antonio Marriott Rivercenter  
San Antonio, TX

*Join us in*  
**Texas**



[www.ccfcmec.org/Pain24](http://www.ccfcmec.org/Pain24)



# Overview

## About The Pain Management Symposium

Cleveland Clinic Department of Pain Management is pleased to offer The 23rd Annual Pain Management Symposium. We invite you to join us in San Antonio, Texas, at the San Antonio Marriott Rivercenter on the River Walk during the week of March 9-13, 2024. This dynamic five-day Symposium focuses on in-depth reviews and analyses of recent advances in pain medicine and related healthcare.

The practice of pain medicine is evolving because of therapeutic advances, healthcare reform, financial strains and the downstream impact of the opioid crisis and COVID-19 pandemic. This Symposium will promote a better understanding of the pathophysiology of acute and chronic pain, enhance knowledge regarding a broad range of pain conditions, and critically review novel state-of-the-art interventional and non-interventional techniques in the diagnosis and management of chronic pain. A renowned faculty will provide insightful assessment and clinical practice evaluation and application of the topics. Each year our attendees look forward to a Saturday evening reception, Texas style this year, which promises to be a fantastic social gathering for attendees and faculty.

In addition to the didactic program, you have the opportunity to participate in other educational activities. Each day begins with informal discussions with faculty during the continental breakfasts. Sunday through Tuesday offers optional early evening problem-based learning discussions and a special group of educational sessions specifically developed for APRNs and PAs working in pain practices.

Optional afternoon cadaver workshops on various interventional pain management techniques and live ultrasound-guided workshops covering upper and lower extremity blocks, truncal procedures and relevant pain procedures will be offered to practicing physicians and pain medicine fellows in training.

## Who Should Attend:

Practitioners and healthcare professionals who seek to learn the latest developments in pain medicine, including anesthesia providers, interventional pain specialists, physical medicine and rehabilitation specialists, orthopedic and spine surgeons, neurologists, neurosurgeons, headache specialists, palliative care specialists, primary care physicians, physical therapists, physician assistants, nurse practitioners and residents and fellows in training interested in the practice of pain management.

## By Attending, You Will Be Able To:

- Review current evidence from research and clinical trials and describe their application to pain management practices.
- Develop strategies to provide optimal pain care that address regulatory, billing, and ethical challenges in pain practice.
- Assess the efficacy and adverse effects of emerging therapies for pain and describe their potential use in clinical practice.
- Describe the most effective use of neuromodulation techniques and devices as they apply to specific patient diagnoses.
- Analyze the role of opioid analgesics to treat acute and chronic pain.
- Summarize the impact of pain on specific health conditions including exercise, obesity, and sleep.
- Examine the role of pain management practitioners in the evaluation and treatment of patients with long-term COVID-19
- Describe options for evaluation and treatment of cancer pain.
- Demonstrate the technical skills needed to perform interventional pain procedures using ultrasound and fluoroscopy guidance.

# Faculty

## Symposium Director

**Richard W. Rosenquist, MD**  
Chairman, Department of Pain Management  
Anesthesiology Institute  
Cleveland Clinic  
Cleveland, OH

## Planning Committee

**Shrif Costandi, MD**  
Coordinator, Symposium Cadaver Workshops  
Department of Pain Management

**Sree Kolli, MD**  
Coordinator, Symposium Ultrasound Workshops  
Department of General Anesthesiology

**Allison Ferguson, APRN-CNP**  
Department of Pain Management

**Veronica Magda, PA-C**  
Department of Pain Management

**Timyra Peagler, BSN**  
Department of Pain Management

**Leslie Tolman, RN, BSN**  
Department of Pain Management

## Guest Faculty

**Magdalena Anitescu, MD, PhD**  
The University of Chicago Medicine  
Chicago, IL

**Timothy R. Deer, MD**  
The Spine & Nerve Centers of the Virginias  
Charleston, WV

**Maxim Eckmann, MD**  
UT Health San Antonio  
San Antonio, TX

**Damean Freas, DO**  
Clearwater Pain  
Annapolis, MD

**Maged Guirguis, MD**  
Ochsner Health System  
New Orleans, LA

**Salim Hayek, MD, PhD**  
University Hospitals of Cleveland  
Cleveland, OH

**Lynn R. Kohan, MD**  
University of Virginia Health System  
Charlottesville, VA

**David A. Provenzano, MD**  
Pain Diagnostics and Interventional Care  
Sewickley, PA

**James P. Rathmell, MD**  
Brigham and Women's Hospital  
Boston, MA

**Christina Shin, MD**  
Brigham and Women's Hospital  
Boston, MA

**Mercy Udoji, MD**  
Emory University School of Medicine  
Atlanta, GA

## Cleveland Clinic Faculty

**William Clifton, MD**  
Center for Spine Health

**Jacob Ezell, MD**  
Department of Pain Management

**Nagy Mekhail, MD, PhD**  
Department of Pain Management

**Alison Stout, DO**  
Center for Spine Health



# Agenda

## SPECIAL ACTIVITIES

Start your day with a walk around the Riverwalk on Saturday, Monday & Wednesday (rain or shine)  
Get your heart pumping with Cardio on Sunday  
Align your body and mind with yoga on Tuesday  
6:00 am – 6:45 am



### Saturday, March 9, 2024

7:00 am	<b>Registration/Continental Breakfast/Visit Exhibits</b> <i>Informal Discussion with Faculty</i>
7:50 am	<b>Welcome and Introduction</b> <i>Richard W. Rosenquist, MD</i>
<b>The Fundamentals</b> <i>Moderator – Richard W. Rosenquist, MD</i>	
8:00 am	<b>Infection Control in Pain Medicine Procedures: Opportunities for Improvement</b> <i>David A. Provenzano, MD</i>
8:30 am	<b>Spinal Biomechanics – Impact of Sagittal and Coronal Balance</b> <i>William Clifton, MD</i>
9:00 am	<b>Facet Interventions: Medial Branch Radiofrequency Neurotomy – Anatomic and Technical Considerations to Optimize Outcomes</b> <i>Alison Stout, DO</i>
9:30 am	<b>Closed Claims Analysis in Pain Medicine: Lessons Learned</b> <i>James P. Rathmell, MD</i>
10:00 am	<b>Refreshment Break/Visit Exhibits</b>
10:30 am	<b>Spinal Fusion Surgery in 2024 – Indications, Outcomes and Future Directions</b> <i>William Clifton, MD</i>
11:00 am	<b>Augmented Reality for Pain</b> <i>Maged Guirguis, MD</i>
11:30 am	<b>Lumbar Spinal Stenosis and Minimally Invasive Lumbar Decompression</b> <i>David A. Provenzano, MD</i>
12:00 pm	<b>Panel Discussion/Question and Answer Period</b> <i>Session Faculty</i>
12:30 pm	<b>Adjourn</b>

### 6:30 - 8:30 pm RECEPTION



### Sunday, March 10, 2024

7:30 am	<b>Continental Breakfast/Visit Exhibits</b> <i>Informal Discussion with Faculty</i>
<b>Regulatory, Billing, and Ethical Challenges in Pain Practice</b> <i>Moderator – Jacob Ezell, MD</i>	
8:00 am	<b>Creating a Culture of Compliance in Clinical Practice</b> <i>Damean Freas, DO</i>
8:30 am	<b>Changes in Coverage – SI Joint RFA and Facet Blocks and RFA</b> <i>Alison Stout, DO</i>
9:00 am	<b>CPT/RUC: Six Letters with a Profound Impact on Medical Practice</b> <i>Richard W. Rosenquist, MD</i>
9:30 am	<b>Unethical Behavior as Encountered by the Medical Board</b> <i>Damean Freas, DO</i>
10:00 am	<b>Refreshment Break/Visit Exhibits</b>

### Emerging Pharmacological, Training and Interventional Treatments

10:30 am	<b>Basivertebral Nerve Ablation</b> <i>Shrif Costandi, MD</i>
10:45 am	<b>Fusion Procedures in Interventional Pain Management</b> <i>Maged Guirguis, MD</i>
11:00 am	<b>Disc Decompression</b> <i>Magdalena Anitescu, MD, PhD</i>
11:15 am	<b>3D Printing for Procedural Simulation/Teaching</b> <i>William Clifton, MD</i>
11:30 am	<b>Electricity as a Pharmaceutical</b> <i>David A. Provenzano, MD</i>
11:45 am	<b>Long-term Outcomes of Closed Loop Spinal Cord Stimulation</b> <i>Nagy Mekhail, MD, PhD</i>
12:00 pm	<b>Panel Discussion/Question and Answer Period</b> <i>Session Faculty</i>
12:30 pm	<b>Adjourn</b>

### 6:00 - 7:00 pm Problem-based Learning Discussions

- A. Painful Diabetic Neuropathy**  
*Maged Guirguis, MD*
- B. SCS/PNS**  
*Timothy R. Deer, MD*
- C. Things Do Not Always Go As Planned: How To Proceed When Complications Occur**  
*James P. Rathmell, MD*

### Monday, March 11, 2024

7:30 am	<b>Continental Breakfast/Visit Exhibits</b> <i>Informal Discussion with Faculty</i>
<b>Neuromodulation: Effective Utilization of Targets, Techniques, and Devices</b> <i>Moderator – Shrif Costandi, MD</i>	
8:00 am	<b>The Choice of TDD vs SCS for Chronic Pain</b> <i>Nagy Mekhail, MD, PhD</i>
8:30 am	<b>Occipital Nerve Stimulation</b> <i>Salim Hayek, MD, PhD</i>
8:45 am	<b>High Frequency</b> <i>Magdalena Anitescu, MD, PhD</i>
9:00 am	<b>DRG</b> <i>Timothy R. Deer, MD</i>
9:15 am	<b>Closed Loop Stimulation</b> <i>Nagy Mekhail, MD, PhD</i>
9:30 am	<b>PNS</b> <i>Lynn R. Kohan, MD</i>
9:45 am	<b>Intrathecal Drug Delivery</b> <i>Salim Hayek, MD, PhD</i>
10:00 am	<b>Reactiv8</b> <i>James P. Rathmell, MD</i>
10:15 am	<b>New Tools for Spinal Cord Stimulation Trials and Long-Term Outcome Monitoring</b> <i>Jacob Ezell, MD</i>
10:30 am	<b>Refreshment Break/Visit Exhibits</b>

# Agenda cont.

## Neuromodulation – Changing Paradigms and Devices: How Do I Choose the Best One for My Patient?

11:00 am	<b>Matching the Diagnosis and the Technique/Device for the Best Patient Outcome – A Case Discussion with the Experts</b> <i>Moderator – Shrif Costandi, MD</i> <i>Panelists: Nagy Mekhail, MD, PhD; Salim Hayek, MD, PhD; Timothy R. Deer, MD; Maxim Eckmann, MD; Magdalena Anitescu, MD, PhD; Jacob Ezell, MD; and Lynn R. Kohan, MD</i>
12:00 pm	<b>Panel Discussion/Question and Answer Period</b> <i>Session Faculty</i>
12:30 pm	<b>Adjourn</b>

2:00 - 4:00 pm	PA/APRN Session
2:00 pm	<b>Interpreting Urine Pain Panels</b> <i>Lynn R. Kohan, MD</i>
2:30 pm	<b>Managing the Ever-Perplexing Chronic Abdominal Pain Patient</b> <i>Veronica Magda, PA-C</i>
3:00 pm	<b>Evaluating the Neck Pain Patient</b> <i>Jacob Ezell, MD</i>
3:30 pm	<b>Effective Telemedicine Visits</b> <i>Allison Ferguson, APRN-CNP</i>
4:00 pm	<b>Adjourn</b>

6:00 - 7:00 pm	Problem-based Learning Discussions
	<b>D. Opioid Prescribing and Patient Complaints: A View from the Board of Medicine</b> <i>Damean Freas, DO</i>
	<b>E. Optimizing Intrathecal Drug Delivery Outcomes</b> <i>Salim Hayek, MD, PhD</i>
	<b>F. Preparing the Chronic Pain Patient for Surgery</b> <i>Mercy Udoji, MD</i>

## Tuesday, March 12, 2024

7:30 am	<b>Continental Breakfast/Visit Exhibits</b> <i>Informal Discussion with Faculty</i>
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### Health and Pain *Moderator – Sree Kolli, MD*

8:00 am	<b>Exercise as Pain Therapy</b> <i>Mercy Udoji, MD</i>
8:30 am	<b>Obesity and Pain</b> <i>Christina Shin, MD</i>
9:00 am	<b>Sleep and Pain</b> <i>Jacob Ezell, MD</i>
9:30 am	<b>Refreshment Break/Visit Exhibits</b>

### Cancer Pain: Contemporary Pain Treatment

10:00 am	<b>Vertebral Intervention Options in the Presence of Metastasis</b> <i>Shrif Costandi, MD</i>
10:30 am	<b>Intrathecal Drug Delivery</b> <i>Salim Hayek, MD, PhD</i>
11:00 am	<b>Interventions for Chronic Cancer Pain</b> <i>Magdalena Anitescu, MD, PhD</i>
11:30 am	<b>Evidence Based Treatment of Pain in Chemotherapy-Induced Peripheral Neuropathy</b> <i>Mercy Udoji, MD</i>
12:00 pm	<b>Panel Discussion/Question and Answer Period</b> <i>Session Faculty</i>
12:30 pm	<b>Adjourn</b>

2:00 - 4:00 pm	PA/APRN Session
2:00 pm	<b>Avoiding Intrathecal Pump Refill Misadventures</b> <i>Allison Ferguson, APRN-CNP</i>
2:30 pm	<b>Pain Pharmacology 101</b> <i>Veronica Magda, PA-C</i>
3:00 pm	<b>Ultrasound vs. MRI/CT: Effective Use of Imaging Studies</b> <i>Christina Shin, MD</i>
3:30 pm	<b>Multimodal Treatment Approach for the Chronic Pain Patient</b> <i>Veronica Magda, PA-C</i>
4:00 pm	<b>Adjourn</b>

6:00 - 7:00 pm	Problem-based Learning Discussions
	<b>G. Spinal Stenosis – Medical/Interventional and Surgical Management</b> <i>William Clifton, MD</i>
	<b>H. Opioids and Managing the Legacy Patient and the Primary Care Provider that is “No Longer Able to Prescribe”</b> <i>Richard W. Rosenquist, MD and Allison Ferguson, APRN-CNP</i>
	<b>I. Diagnostic Procedures for Low Back Pain: Increasing Accuracy and Avoiding False Outcomes</b> <i>Alison Stout, DO</i>

## Wednesday, March 13, 2024

7:30 am	<b>Continental Breakfast</b> <i>Informal Discussion with Faculty</i>
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### COVID – Long Term Consequences *Moderator – Allison Ferguson, APRN-CNP*

8:00 am	<b>Smell and Taste Disturbances after COVID: Consequences, Evaluation and Treatment</b> <i>Christina Shin, MD</i>
8:30 am	<b>Stellate Ganglion Block: History, Technique, Outcomes and Avoiding Complications</b> <i>Mercy Udoji, MD</i>
9:00 am	<b>Long COVID – Symptoms, Pathophysiology and Treatment</b> <i>Christina Shin, MD</i>

### 9:30 am Refreshment Break

### Pain and Opioids: Management and Ongoing Controversies

10:00 am	<b>Substance Use Disorders and Chronic Pain Management</b> <i>Lynn R. Kohan, MD</i>
10:30 am	<b>Acute Pain Management in the Opioid Tolerant Patient</b> <i>Sree Kolli, MD</i>
11:00 am	<b>The Legacy Opioid Patient: Management, Tapering and Alternatives</b> <i>Jacob Ezell, MD</i>
11:30 am	<b>Endocrine Impacts of Long-Term Opioid Use</b> <i>Richard W. Rosenquist, MD</i>
12:00 pm	<b>Panel Discussion/Question and Answer Period</b> <i>Session Faculty</i>
12:30 pm	<b>Adjourn</b>



# Optional Workshops

## Saturday, March 9, 2024

Optional Ultrasound Guided Workshop for Physicians  
Live Model

2:00 – 5:00 pm | Fee: \$500

Only available for physician symposium registrants. Space is limited, so early online registration is recommended. Attendees will rotate to each station.

How to Improve Your Ultrasound Technique, Anatomy of Truncal, Lower Extremity and Headache Blocks, with Five Hands-on Stations:

1. Trunk Blocks (TAP, Iliohypogastric, Ilioinguinal, Genitofemoral, Intercostal and Erector Spinae)
2. Lower Extremity Nerve Blocks (Femoral, Obturator, LFCN and Adductor/Saphenous)
3. Lower Extremity Joint Injections (Hip, Knee, PENG (Pericapsular Nerve Group) Block)
4. Ankle Injections (Posterior Tibial, Superficial Peroneal, Deep Peroneal, Plantar Fascia)
5. Cervical Blocks (Stellate Ganglion, Brachial Plexus/Cervical Nerve Roots)

Faculty: Sree Kolli, MD; Richard W. Rosenquist, MD; Jacob Ezell, MD; Christina Shin, MD; David A. Provenzano, MD

## Sunday, March 10, 2024

Optional Ultrasound Guided Workshop for Physicians  
Live Model and Cadaver

1:30 – 5:00 pm | Fee: \$650

Only available for physician symposium registrants. Space is limited, so early online registration is recommended.

Bus transportation departs at 12:30 pm, and a boxed lunch is included. Attendees will rotate to each station.

In addition to lectures and scanning on live models, this ultrasound workshop will include a combined session in the cadaver lab. This workshop will provide learners with the opportunity to have hands on experience performing ultrasound guided blocks in cadavers and scanning dynamic anatomy in live models. Anatomy of Head and Neck, Upper Extremity, Anatomy of Shoulder Joint, and Four Hands-on Stations:

1. Stellate Ganglion Block, Cervical Nerve Root Block, Brachial Plexus Block
2. Shoulder Joint, Suprascapular Nerve Block
3. Upper Extremity Peripheral Nerves/ Elbow Injection, Median Nerve at Carpal Tunnel
4. Pudendal Nerve Block, Caudal, Piriformis, SI Joint Injections

Faculty: Sree Kolli, MD; Maxim Eckmann, MD; Jacob Ezell, MD; Christina Shin, MD; and Mercy Udoji, MD

## Optional Cadaver Workshops for Physicians

1:30 – 5:30 pm | Fee: \$700 per Workshop

Only available for physician symposium registrants. Space is limited, so early online registration is recommended.

Bus transportation departs at 12:30 pm, and a boxed lunch is included. Attendees will rotate to each station.

## Saturday, March 9, 2024

**Station 1** – Intradiscal Procedures (Discography/Injections)  
Shrif Costandi, MD

**Station 2** – Cervical Facet Medial Branch Blocks and RFA  
James P. Rathmell, MD

**Station 3** – Shoulder RFA  
Maxim Eckmann, MD

**Station 4** – Genicular and Hip RFA  
Maged Guirguis, MD

## Monday, March 11, 2024

**Station 1** – Dorsal Column SCS Lead Placement  
Timothy R. Deer, MD

**Station 2** – Intra-abdominal Blocks (Celiac, Splanchnic)  
Magdalena Anitescu, MD, PhD

**Station 3** – Lumbar Facet Medial Branch RFA and Facet Joint Injection  
Alison Stout, DO

**Station 4** – Trigeminal Nerve Blocks  
Shrif Costandi, MD

## Tuesday, March 12, 2024

**Station 1** – Sympathetic Chain Blocks (Thoracic Paravertebral, LSB)  
Jacob Ezell, MD

**Station 2** – Upper Cervical Pain Blocks – (Atlanto-Axial Joint, Third Occipital RFA)  
Lynn R. Kohan, MD

**Station 3** – Pelvic Pain Blocks (Pudendal and Hypogastric Plexus Block)  
Magdalena Anitescu, MD, PhD

**Station 4** – Vertebroplasty and Kyphoplasty for Compression Fractures  
Shrif Costandi, MD

# Accreditation

In support of improving patient care, Cleveland Clinic Center for Continuing Education 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.

## Credit Designation

### American Medical Association (AMA)

Cleveland Clinic Center for Continuing Education designates this live activity for a maximum of 38.75 *AMA PRA Category 1 Credits™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

- Main Sessions - 23.25
- PA/APRN Sessions - 2.0 per session
- Optional Cadaver Workshop - 4.0 per workshop
- Optional Live Ultrasound Guided Workshop - 3.0
- Optional Live Ultrasound/Cadaver Workshop - 3.5

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

### American Nurses Credentialing Center (ANCC)

Cleveland Clinic Center for Continuing Education designates this live activity for a maximum of 27.25 ANCC contact hours.

- Main Sessions - 23.25
- PA/APRN Sessions - 2.0 per session

### American Academy of PAs (AAPA)

Cleveland Clinic Center for Continuing Education has been authorized by the American Academy of PAs (AAPA) to award AAPA Category 1 CME credit for activities planned in accordance with AAPA CME Criteria. This activity is designated for 27.25 AAPA Category 1 CME credits. PAs should only claim credit commensurate with the extent of their participation.

- Main Sessions - 23.25
- PA/APRN Sessions - 2.0 per session

PAs should only claim credit commensurate with the extent of their participation.

## Interprofessional Continuing Education (IPCE) Credit

This activity was planned by and for the healthcare team, and learners will receive 27.25 Interprofessional Continuing Education (IPCE) credit for learning and change.

### American Board of Orthopaedic Surgery (ABOS) & American Board of Surgery (ABS) MOC

Successful completion of this CME activity, which includes participation in the evaluation component, enables the participant to earn up to:

- 38.75 credits toward the CME of the American Board of Orthopaedic Surgery's Maintenance of Certification program.
- 38.75 credits toward the CME requirement(s) of the American Board of Surgery's Continuous Certification program.

It is the CME activity provider's responsibility to submit learner completion information to ACCME for the purpose of granting ABOS and ABS credit.

## Certificate of Participation

A certificate of participation will be provided to other health care professionals for requesting credits in accordance with their professional boards and/or associations.



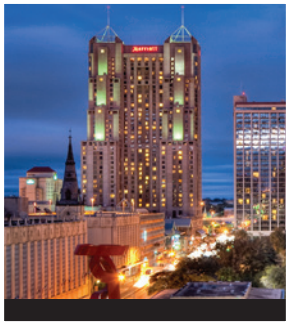
# General Information

## Location

San Antonio Marriott Rivercenter on the River Walk  
101 Bowie Street  
San Antonio, TX 78205  
Telephone: 210.223.1000

## Hotel Accommodations

A limited block of rooms has been reserved at the Marriott Rivercenter until Thursday, February 15, 2024. For reservations, visit [www.ccfcmc.org/PainHotel](http://www.ccfcmc.org/PainHotel), or call the hotel Reservation Department at 877.622.3056. Identify yourself as an attendee of the **Cleveland Clinic Pain Management Symposium** for special rates of \$329 single/double, plus taxes and applicable fees.



## Information

For further information about this activity, contact the Cleveland Clinic Center for Continuing Education

Website: [www.ccfcmc.org/Pain24](http://www.ccfcmc.org/Pain24)

Phone: 216.448.8710

## San Antonio Activities & Events

Visit - [www.visitsanantonio.com](http://www.visitsanantonio.com)

## Registration and Cancellation

**Register Online at [www.ccfcmc.org/Pain24](http://www.ccfcmc.org/Pain24)**

**Fee includes:** continental breakfasts, refreshment breaks, and faculty PowerPoint presentations available online in PDF format pre and post activity.

Category	On or before January 24, 2024	After January 24, 2024
Physician	\$1200	\$1250
Non-physician	\$800	\$850
Resident*/Fellow*	\$575	\$625
PA/CNP/APRN	\$800	\$850

\*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.

## Special Workshop Discounts

**Register for multiple workshop sessions and save!**

- Register for two workshops, **save \$100**
- Register for three workshops, **save \$150**
- Register for four workshops, **save \$200**

## Group Discount Available

Groups of 3 or more from the same office/institution will receive a 10% discount off the full registration fee. Registrants must call 216.448.8710 to receive a promotional code for special pricing.

Preregistrations are accepted until 2:00 pm ET, March 7, 2024. Register on site after this date. Contactless registration on your own device will be required.

In case of cancellation, email notification is required to process your refund. A full refund will be issued if canceled by February 9, 2024. After February 9, 2024, a \$300 cancellation fee will be deducted from your refund. No refunds will be issued after February 26, 2024.

For questions about registration or cancellation, email us at [cmeregistration@ccf.org](mailto:cmeregistration@ccf.org) or call 216.448.8710.

## Faculty Disclosure

The Cleveland Clinic Center for Continuing Education has implemented a policy to comply with the current Accreditation Council for Continuing Medical Education Standards for Integrity and Independence requiring mitigation of all faculty conflicts of interest. Faculty declaring a relevant financial relationship will be identified in the activity syllabus.

## Americans with Disabilities Act

The Cleveland Clinic 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.

*Cleveland Clinic Center for Continuing Education reserves the right to cancel or postpone an activity at our sole discretion. In the unlikely event that this occurs, any registration fee(s) paid will be refunded. Be advised that Cleveland Clinic is not responsible for related costs including airline tickets, hotel costs, or any similar fee penalties incurred as a result of any meeting cancellations or changes.*



# The 23rd Annual Pain Management Symposium

**March 9-13, 2024**

San Antonio Marriott Rivercenter  
San Antonio, TX



The Cleveland Clinic Foundation  
9500 Euclid Avenue, JJ42  
Cleveland, OH 44195

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