



 **Cleveland Clinic**  
Department of Pain Management

The 12th Annual

# Pain Management Symposium

March 6 – 10, 2010

Loews Coronado Bay Hotel | Coronado, California



Register Today  
[www.ccfcmc.org/pain10](http://www.ccfcmc.org/pain10)

## About the Symposium

The Cleveland Clinic Department of Pain Management is pleased to announce *The 12th Annual Pain Management Symposium*. We invite you to escape the cold winter weather during the week of March 6 – 10, 2010, and join us in the beautiful setting of the Loews Coronado Bay Hotel in Coronado, California, to share in a dynamic five-day symposium focused on the advances in pain medicine and regional anesthesia/analgesia.

Tremendous changes have affected the practice of pain management and regional anesthesia, particularly in relation to advances in pharmacologic and intervention aspects. Also, the goal of this symposium is to promote a better understanding of the pathophysiology of acute and chronic pain and to enhance the knowledge regarding various chronic neuropathic pain conditions as well as to critically review the novel state-of-the-art interventional and noninterventional techniques in diagnosis and management of chronic pain, cancer pain, and headache. We have assembled a nationally and internationally renowned faculty to address current topics in acute and chronic pain management and regional anesthesia.

Each day will begin with the opportunity to interact with the faculty in informal discussions during the continental breakfast. On Saturday through Tuesday, we offer an optional afternoon cadaver workshop on various novel interventional pain management techniques. On Saturday, we will offer a live ultrasound-guided workshop covering upper and lower extremities, neck, and lumbar spine procedures. On Sunday through Tuesday, we offer optional late afternoon problem-based learning discussions. We also invite you to the reception on Saturday evening, which promises to be a fantastic social gathering opportunity for attendees, their families, friends, and faculty.

## Target Audience

Practitioners and health care professionals who seek the latest developments in pain medicine, anesthesia providers, interventional pain specialists, orthopaedic and spine surgeons, primary care physicians, physical therapists, physician assistants, and nurses who are interested in the practice of pain management.

## Objectives

As a result of attending this symposium, the participant will be able to do the following:

- Present current information about acute and chronic pain.
- Identify new techniques and technology in interventional pain management.
- Present new information on the management of headache.
- Design a state-of-the-art management plan for acute and chronic pain of spinal origin.
- Describe the pathophysiology, clinical presentation, and treatment of neuropathic pain.
- Identify current information on pain management, long-term opioids use, and addiction.
- Demonstrate current techniques for regional anesthesia/analgesia to prevent chronic pain.
- Evaluate new information on cancer pain management and intraspinal drug delivery systems and its implication on patient care.
- Identify the most common complications of pain medications and describe new and established techniques of risk management.
- Provide new information on the management of fibromyalgia and psychogenic pain.
- Create multidisciplinary programs to treat complex pain problems in children, woman with pelvic pain, and older patients with spinal canal stenosis.



## MARK YOUR CALENDAR!

### 13th Annual Pain Management Symposium

March 2011 | Sarasota, Florida

For symposium updates go to: [www.ccfmcme.org/Pain11](http://www.ccfmcme.org/Pain11)

## Symposium Director

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**NAGY A. MEKHAIL, MD, PhD**  
Professor of Anesthesiology  
Chairman, Department of Pain Management  
Anesthesiology Institute  
Cleveland Clinic

## Guest Faculty

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**RAMSIN BENYAMIN, MD, DABIPP**  
Clinical Assistant Professor  
College of Medicine  
University of Illinois  
Millennium Pain Center  
Bloomington, IL

**ALEX CAHANA, MD**  
Professor and Chief  
Division of Pain Medicine  
Department of Anesthesiology and  
Pain Medicine  
University of Washington  
Seattle, WA

**AARON CALODNEY, MD, FIPP,  
ABIPP**  
Axis Spine Care  
Texas Spine & Joint Hospital  
Tyler, TX

**MILES DAY, MD**  
Associate Professor  
Pain Fellowship Program Director  
Department of Anesthesiology and  
Pain Management  
Texas Tech University Health  
Sciences Center  
Lubbock, TX

**TIMOTHY DEER, MD**  
Director, The Center for Pain Relief  
Clinical Professor of Anesthesiology  
West Virginia University  
Charleston, WV

**DANIEL DOLEYS, PhD**  
Director, The Pain and  
Rehabilitation Institute  
Birmingham, AL

**ASHRAF EL DABH, MD**  
Associate Chairman, Department of  
Obstetrics and Gynecology  
Fairview Hospital  
Cleveland, OH

**LEE GRIFFITH, MD**  
Axis Spine Care  
Texas Spine & Joint Hospital  
Tyler, Texas

**CRAIG T. HARTRICK, MD**  
Director, Anesthesiology Research  
Clinical Professor, Anesthesiology  
Oakland University William Beaumont  
School of Medicine  
Royal Oak, MI

**JAMES HEAVNER, DVM, PhD,  
FIPP (HON)**  
Professor, Departments of  
Anesthesiology and Physiology  
Director of Anesthesia and  
Pain Research  
Texas Tech University Health  
Sciences Center  
Lubbock, TX

**MARC A. HUNTOON, MD**  
Consultant in Anesthesiology and  
Pain Medicine  
Mayo Clinic  
Rochester, MN

**MARK LEMA, MD, PhD**  
Chairman of Anesthesiology  
Critical Care and Pain Medicine  
Roswell Park Cancer Institute  
University of Buffalo  
Buffalo, NY

**ROBERT M. LEVY, MD, PhD**  
Professor of Neurological Surgery  
Feinberg School of Medicine  
Northwestern University  
Chicago, IL

**NILESH PATEL, MD, MBA**  
Clinical Professor, Anesthesiology  
Coastal Orthopedics, Pain  
and Rehabilitation  
Bradenton, FL

**VIKRAM B. PATEL, MD, FIPP**  
President and Medical Director  
ACMI Pain Care  
Algonquin, IL

## Organizing Committee

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**EMAD DAOUD, MD**  
**TERESA DEWS, MD**  
**VIKRAM B. PATEL, MD, FIPP**  
(Workshops Coordinator)  
**MELISSA SZAKACS**

**GABOR RACZ, MD**  
Professor and Chair Emeritus  
Grover Murray Professor  
Texas Tech University Health  
Sciences Center  
Lubbock, TX

**NARINDER RAWAL, MD, PhD**  
Department of Anesthesiology &  
Intensive Care  
University Hospital  
Orebro, Sweden

**ANIL SHARMA, MD, DABPM**  
President, Spine and Pain Centers  
of NJ and NY  
Director, Pain Management  
Monmouth Medical Center  
Shrewsbury, NJ

**MAARTEN VAN KLEEF, MD, PhD,  
FIPP**  
Chairman, Department of  
Anesthesiology  
University Hospital of Maastricht  
The Netherlands

**JAN VAN ZUNDELT, MD, PhD, FIPP**  
Chairman, Multidisciplinary Pain Centre  
Ziekenhuis Oost-Limburg  
Genk, Belgium  
Department of Anesthesiology and  
Pain Management  
University Medical Centre Maastricht  
The Netherlands

**MARK S. WALLACE, MD**  
Director, Center for Pain and  
Palliative Medicine  
University of California, San Diego  
Medical Center  
San Diego, CA

## Cleveland Clinic Faculty

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**GERARD BANEZ, PhD**  
Center for Pediatric Behavioral Health  
Department of Psychiatry  
and Psychology

**GORDON BELL, MD**  
Director, Center for Spine Health

**EDWARD COVINGTON, MD**  
Director, Neurological Center for Pain

**EMAD DAOUD, MD**  
Vice Chairman  
Department of Pain Management

**TERESA DEWS, MD**  
Vice Chairman  
Department of Pain Management

**LEONARDO KAPURAL, MD, PhD**  
Director, Clinical Research  
Department of Pain Management

**ANDRE MACHADO, MD, PhD**  
Director, Center for  
Neurological Restoration  
Department of Neurosurgery

**SAMUEL SAMUEL, MD**  
Director, Marymount Pain  
Management  
Department of Pain Management

**LORAN MOUNIR SOLIMAN, MD**  
Section Head, Anesthesia for  
Orthopaedic Surgery  
Anesthesiology Institute

**MARC SOLOMAN, MD**  
Staff, Department of Pain  
Management

**MICHAEL STANTON-HICKS, MD**  
Department of Pain Management  
Center for Neurological Restoration

**BRUCE VROOMAN, MD**  
Staff, Department of Pain Management

**SAMEH YONAN, MD**  
Staff, Department of Pain Management

## Saturday, March 6, 2010

- |  |   |
|--|---|
| <p>7:00 am Registration/Continental Breakfast/ Exhibits<br/>Informal Consultation with Faculty</p> <p>7:50 am Welcome/Introduction<br/><i>Nagy A. Mekhail, MD, PhD</i><br/>Presiding: <i>Craig T. Hartrick, MD</i></p> <p>8:00 am Neurobiology of Pain Processing<br/><i>Mark Lema, MD, PhD</i></p> <p>8:30 am Chronic Pain as a Disease<br/><i>Daniel Doleys, PhD</i></p> <p>9:00 am The Subjectivity of Pain in Clinical Practice<br/><i>Alex Cahana, MD</i></p> <p>9:30 am Psychogenic Pain: Real or Imagined<br/><i>Daniel Doleys, PhD</i></p> | <p>10:00 am Refreshment Break and Exhibits</p> <p>10:30 am Opioids, Chronic Pain, and the Law<br/><i>Mark Lema, MD, PhD</i></p> <p>11:00 am The Ethical Challenges of Opioids Prescription<br/><i>Alex Cahana, MD</i></p> <p>11:30 am Strategies to Prevent Post-Surgical Chronic Pain<br/><i>Narinder Rawal, MD, PhD</i></p> <p>12:00 pm Panel Discussion/Question and Answer Period</p> <p>12:30 pm Adjourn</p> |
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**6:30 – 8:30 pm Reception**  
(Families Cordially Invited)

## Sunday, March 7, 2010

- 7:30 am Continental Breakfast/Exhibits  
Informal Consultation with Faculty  
Presiding: *Maarten van Kleef, MD, PhD*
- Evidence-Based Pain Management**
- 8:00 am Evidence-Based Interventional Pain Medicine Guidelines  
*Jan Van Zundert, MD, PhD*
- 8:20 am Surgical Options for Disc-Related Pathology  
*Gordon Bell, MD*
- 8:35 am Minimally Invasive Options for Disc-Related Pathology  
*Leonardo Kapural, MD, PhD*
- 8:50 am Pulsed Radiofrequency Ablation  
*Jan Van Zundert, MD, PhD*
- 9:05 am Thermal Radiofrequency Ablation  
*Nilesh Patel, MD, MBA*
- 9:20 am Neurostimulation for Chronic Pain  
*Maarten van Kleef, MD, PhD*
- 9:40 am Intrathecal Therapy for Chronic Pain  
*Mark S. Wallace, MD*
- 10:00 am Refreshment Break and Exhibits

### Controversies In Pain Medicine

- 10:30 am Field Neurostimulation:  
Pro: *Aaron Calodney, MD*  
Con: *Timothy Deer, MD*
- 11:00 am Lysis of Adhesions  
Pro: *Gabor Racz, MD*  
Con: *Maarten van Kleef, MD, PhD*
- 11:30 am Comparison of Neurostimulation Technology  
*Mark S. Wallace, 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. Opioid Rotation  
*Edward Covington, MD, Teresa Dews, MD*
- B. Medical Errors and How to Avoid  
*Mark Lema, MD, PhD*
- C. Spinal Canal Stenosis:  
Surgical Perspective: *Gordon Bell, MD*  
Pain Management Perspective:  
*Leonardo Kapural, MD, PhD*

### Saturday Optional Live Model Workshop Session I

**2:00 pm – 5:00 pm**  
**Fee: \$500**

#### Live Ultrasound Guided Workshop

This will cover upper & lower extremities, neck and lumbar spine procedures.

Please sign up on the symposium registration form.

Space is limited so early registration is recommended.

### OPTIONAL CADAVER WORKSHOPS

**1:30 pm – 5:30 pm**

**Fee: \$600 Per Workshop Session**

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 Cadaver Workshop Session II

1. Sphenopalatine and Trigeminal RFA
2. Atlantoaxial and Cervical DRG Blocks
3. Cervical Facets MB RFA
4. Kyphoplasty/Vertebroplasty/Sacroplasty

#### Monday Cadaver Workshop Session IV

1. Epiduroscopy
2. Cervical Facets MB RFA
3. Lumbar Facets MB RFA
4. Kyphoplasty/Vertebroplasty/Sacroplasty

#### Sunday Cadaver Workshop Session III

1. Cervical Facets MB RFA
2. Lumbar Facets MB RFA
3. Transdiscal Biacuplasty, Disc Decompression
4. Sacral Lateral Branches RFA for SIJ

#### Tuesday Cadaver Workshop Session V

1. Cervical Facets MB RFA
2. Lumbar Facets MB RFA
3. Transdiscal Biacuplasty, Disc Decompression
4. Sacral Lateral Branches RFA for SIJ

## Monday, March 8, 2010

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7:30 am Continental Breakfast/Exhibits  
Informal Consultation with Faculty  
Presiding: *Nagy A. Mekhail, MD, PhD*

### My Technique Symposium Presentation by the Experts

8:00 am RFA of the Cervical DRG  
*Jan Van Zundert, MD, PhD*

8:15 am Functional Anesthetic Discography  
*Anil Sharma, MD*

8:30 am Transdiscal Biacuplasty  
*Leonardo Kapural, MD, PhD*

8:45 am Cooled RFA SIJ Pain  
*Nilesh Patel, MD, MBA*

9:00 am Sacroplasty  
*Ramsin Benyamin, MD*

9:15 am Cranial Nerve Stimulation  
*Robert M. Levy, MD, PhD*

9:30 am X-Stop for Lumbar Canal Stenosis  
*Gordon Bell, MD*

9:45 am Minimally Invasive Lumbar  
Decompression "MILD"  
*Timothy Deer, MD*

10:00 am Refreshment Break and Exhibits

10:30 am Kyphoplasty  
*Samuel Samuel, MD*

10:45 am Sphenopalatine Ganglion RFA  
*Miles Day, MD*

11:00 am Epiduroscopy  
*James Heavner, DVM, PhD*

11:15 am T2 Sympathetic Ganglion RFA  
*Miles Day, MD*

11:30 am Cooled RFA of the Thoracic Facets MB  
*Nagy A. Mekhail, MD, PhD*

11:45 am Ultrasound-Guided Transversus Abdominis  
Block "TAB"  
*Loran Mounir Soliman, MD*

12:00 pm Ultrasound-Guided Peripheral  
Nerve Stimulation  
*Marc A. Huntoon, MD*

12:15 pm Intrathecal Neurolysis  
*Michael Stanton-Hicks, MD*

12:30 pm Adjourn

### 6:00 – 7:00 pm Problem-Based Learning Discussion

*(Please indicate your choice on the symposium registration form)*

- D. Interpreting Analgesic Trials  
*Craig T. Hartrick, MD*
- E. Pelvic Pain Syndrome  
GYN Perspective: *Ashraf El Dabh, MD*
- F. Acute Pain Service:  
European Experience: *Narinder Rawal, MD, PhD*  
Cleveland Clinic Experience: *Loran Mounir Soliman, MD*

## Tuesday, March 9, 2010

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7:30 am Continental Breakfast/Exhibits  
Informal Consultation with Faculty  
Presiding: *Edward Covington, MD*

### Emerging Therapies

8:00 am Abuse Deterrent Formulation  
*Edward Covington, MD*

8:20 am Intrathecal Gabapentin  
*Mark S. Wallace, MD*

8:40 am Neurostimulation for Depression  
*Andre Machado, MD, PhD*

9:00 am Neurostimulation for Headache  
*Robert M. Levy, MD, PhD*

9:20 am Neurostimulation of the DRG  
*Timothy Deer, MD*

9:40 am Botulinum Toxins for Occipital Neuralgia  
*Leonardo Kapural, MD, PhD*

10:00 am Refreshment Break and Exhibits

10:30 am Biologic Intradiscal Injections  
*Nilesh Patel, MD, MBA*

10:50 am Cooled Radiofrequency Techniques  
*Nagy A. Mekhail, MD, PhD*

11:10 am Pediatric Pain:  
Interventional Approach  
*Michael Stanton-Hicks, MD*

11:35 am Pediatric Pain:  
Psychological and Physical Rehabilitation  
*Gerard Banez, PhD*

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. Fibromyalgia: New Options  
*Edward Covington, MD*
- H. Medical Management of Neuropathic Pain  
*Marc Solomon, MD*
- I. Neurosurgical Options for Central Pain  
*Andre Machado, MD, PhD*

## Wednesday, March 10, 2010

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7:30 am Continental Breakfast/Exhibits  
Informal Consultation with Faculty  
Presiding: *Teresa Dews, MD*

### Risk Management

8:00 am Radiation Safety  
*Vikram B. Patel, MD*

8:20 am Complications of Long-Term Opioid Therapy  
*Marc A. Huntoon, MD*

8:40 am Urine Testing  
*Teresa Dews, MD*

9:00 am Complications of Interventional Pain  
Management  
*Ramsin Benyamin, MD*

9:20 am Neuraxial Procedures and Anticoagulation  
*Vikram B. Patel, MD*

9:40 am Billing Fraud and Compliance  
*Ramsin Benyamin, MD, DABIPP*

10:00 am Refreshment Break and Exhibits

10:30 am Opioid Medications Agreement: Does it Help?  
*Teresa Dews, MD*

10:50 am Infection Control In Interventional  
Pain Management  
*Aaron Calodney, MD*

11:00 am Risks of Cervical Transforaminal Approach  
*Marc A. Huntoon, MD*

11:30 am Lessons From Medicolegal Cases  
*Gabor Racz, MD*

12:00 pm Panel Discussion/Question and  
Answer Period

# General Information

## Location

Loews Coronado Bay Resort & Spa  
4000 Coronado Bay Road  
Coronado, CA 92118

Local: 619-424-4000

Toll Free: 800-815-6397

The Pain Management Symposium will be held at the Loews Coronado Bay Resort & Spa located on Crown Island, a private 15-acre peninsula in the seaside community of Coronado. The resort is just 15 minutes from the San Diego Airport and downtown San Diego and 4 miles from downtown Coronado.

Features:

- All guestrooms have water views, including views of the marina, the Pacific Ocean, the San Diego - Coronado Bay or the San Diego skyline
- 5 restaurants and lounges; numerous shops
- 3 lighted tennis courts, 3 heated swimming pools
- State-of-the-art Sea Spa and fitness center

## Hotel Accommodations

A block of rooms has been reserved at the Loews Coronado Bay Resort & Spa until **February 10, 2010**. To make your reservations, contact the Hotel Reservations Department at 619-424-4000 or 1-800-815-6397. Please identify yourself as being with the **Cleveland Clinic Pain Management 2010 Symposium** for a special rate of \$235 single/double plus tax. Group rates will be offered three days prior to and three days following the dates of the room block, based on availability.

## Ground Transportation

Taxi service is available from San Diego Airport to the Loews Coronado Bay Resort & Spa.

## Climate

The temperature in March averages 66° F.

## Information

For further information about this symposium, contact UNITECH Communications® at:

Local: 216-448-0770

Toll Free: 800-238-6750

Web Address: [www.ccfcmc.org/Pain10](http://www.ccfcmc.org/Pain10)

For questions about registering online, call 216-448-0777.

For emergency phone calls during the symposium, please call 619-424-4000 and ask for the Cleveland Clinic Registration Desk.

## Parking

Self parking is available at the resort for a rate of \$10 per day. Valet parking is available for an additional charge.

## Registration and Cancellation

Pre-registrations are accepted by fax or online until 4:00 pm ET March 1, 2010. To register after this date, you must do so on-site. In case of cancellation, a full refund will be made if canceled by February 24, 2010. After February 24, 2010, a \$50 cancellation fee will be deducted from your refund. Written notification of your cancellation is required in order to process your refund. **NO REFUNDS WILL BE ISSUED AFTER MARCH 16, 2010.**

## 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 educational activity for a maximum of 39.25 *AMA PRA Category 1 Credits*™. Physicians should only claim 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 Council on Continuing Medical Education 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.

## 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.

## 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.



# Registration Form

## 12th Annual Pain Management Symposium

March 6 – 10, 2010

Loews Coronado Bay Resort & Spa | Coronado, California

Course # 011670  
Office Use Only

Fee \_\_\_\_\_ Date \_\_\_\_\_  
MOP \_\_\_\_\_ CXL/Fee \_\_\_\_\_

### FEES

Fees include electronic syllabus (flash drive), continental breakfasts, and refreshment breaks. Payment must be received prior to admittance to the Symposium. Purchase orders are not accepted.

	Prior to March 2, 2010	Onsite
Physician	\$750	\$800
CCF Alumni	\$450	\$500
CompreCare Affiliate Member (ID # _____)	\$487.50	\$537
CRNA	\$625	\$675
Nurse/SRNA (Student)	\$375	\$425
Allied Health/Non-Physician	\$375	\$425
Resident/Fellow*	\$375	\$425

\* Letter from program director must be received in our office prior to the symposium to receive this fee.

### REGISTER ONLINE

[www.ccfcm.org/Pain10](http://www.ccfcm.org/Pain10)

Once you register online, please do not mail or fax in a registration form.

### PLEASE SELECT APPROPRIATE FIELDS

I will attend the Reception      Number of Guests Attending \_\_\_\_\_

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

Sunday  A  B  C

Monday  D  E  F

Tuesday  G  H  I

Saturday  
Optional Live Model  
Workshop Sign-Up  
Fee: \$500  
2:00 – 5:00 pm

I.  Saturday

Saturday – Tuesday  
Optional Cadaver Workshop Sign-Up  
Fee: \$600 per Workshop/Day  
1:30 – 5:30 pm  
Indicate your choice

II.  Saturday      III.  Sunday

IV.  Monday      V.  Tuesday

### PLEASE PRINT – Complete the information below if registering by mail or fax

First Name: \_\_\_\_\_ MI: \_\_\_\_\_

Last Name: \_\_\_\_\_

Degree/Title: \_\_\_\_\_ Specialty: \_\_\_\_\_

Office/Institution: \_\_\_\_\_

Preferred Mailing Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Office Phone: \_\_\_\_\_ Office Fax: \_\_\_\_\_

Email Address: \_\_\_\_\_

Registration Fee \$ \_\_\_\_\_

Cadaver Workshop \$ \_\_\_\_\_

Live Model Workshop \$ \_\_\_\_\_

**Total amount enclosed or to be charged \$ \_\_\_\_\_**

**MAIL** Make check payable to: The Cleveland Clinic Educational Foundation  
or charge to the following account

Visa     MasterCard     American Express     Discover

Card Number: \_\_\_\_\_ Expiration Date: \_\_\_\_\_

Signature: \_\_\_\_\_ 3 or 4 Digit Verification Number: \_\_\_\_\_

**For information, email:** [cmeregistration@ccf.org](mailto:cmeregistration@ccf.org)

**Fax Number:** 216-448-0783

**Mailing Address:** The Cleveland Clinic Education Foundation  
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