

# Comprehensive Vertebroplasty & Kyphoplasty

Review Course And Hands-On Cadaver Workshop

**February 16-18, 2007**

Comprehensive  
Vertebroplasty  
& Kyphoplasty  
Seminar

UP TO 21 AMA PRA CATEGORY 1 CREDITS™



**Venue:**  
Memphis Marriott Downtown  
Medical Education & Research Institute  
Memphis, Tennessee

**American Society of Interventional Pain Physicians**  
*The Voice of Interventional Pain Management Since 1998*  
[www.asipp.org](http://www.asipp.org)

*Excellence in education of Interventional Pain Physicians*



## FROM THE CHIEF EXECUTIVE OFFICER

On behalf of the Board of the Directors of the American Society of Interventional Pain Physicians, it is my privilege and pleasure to invite you to attend an exciting, focused, AND comprehensive, didactic and hands-on cadaver workshop covering vertebroplasty and kyphoplasty on February 16-18, 2007 in Memphis TN.

We have created a state-of-the-art educational program of didactic courses covering various aspects of vertebroplasty and kyphoplasty, followed by a comprehensive hands-on cadaver workshop to meet the credentialing needs of interventional pain physicians or to perform these procedures or for those who would like to learn more about the procedure.

This intensive review course and comprehensive vertebroplasty and kyphoplasty cadaver workshop will cover all aspects of these techniques providing a comprehensive overview of the subject, with extensive case discussions and interaction with the faculty. It is planned as a CME activity to prepare physicians seeking credentialing and as an in-depth review of vertebroplasty and kyphoplasty. Participants will experience a comprehensive and intensive learning opportunity; focusing on all aspects of vertebroplasty and kyphoplasty. During this 3-day event, you can improve existing skills, learn new skills and improve your standing in the community.

Whether you have been practicing vertebroplasty and kyphoplasty for many years or you are new to the field with basic skills, we are confident that you will find this comprehensive review course and hands-on cadaver workshop to be beneficial, as it is essential to learn new and relevant information to survive in the new millennium.

We trust you will be as excited as we are about this exceptional opportunity for professional enhancement. The seminar will be conducted at Memphis Marriott Downtown, 250 North Main Street, Memphis TN 38103 and the world famous Medical Education and Research Institute (MERI) in Memphis TN. Make your plans early to attend. We look forward to seeing you in Memphis.

If you have any questions, please feel free to contact me at 2831 Lone Oak Road, Paducah, KY 42003, phone: 270-554-8373 ext. 101, fax: 270-554-8987, or e-mail: [drm@apex.net](mailto:drm@apex.net).

Thank you,

Laxmaiah Manchikanti, MD  
Chief Executive Officer, ASIPP



## AMERICAN SOCIETY OF INTERVENTIONAL PAIN PHYSICIANS

81 Lakeview Drive, Paducah, Kentucky 42001  
(270) 554-9412, Fax: (270) 554-5394  
E-Mail: [asipp@asipp.org](mailto:asipp@asipp.org)  
Web Site: [www.asipp.org](http://www.asipp.org)

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## American Society of Interventional Pain Physicians

### Description

This 2½-day comprehensive review course and hands-on cadaver workshop will describe and demonstrate improved skill levels of vertebroplasty and kyphoplasty. The desired outcome is for physicians to integrate various aspects of the interventional pain management techniques of vertebroplasty and kyphoplasty in treating patients in order to provide better outcomes and reduced side effects for patients.

The 1-day cadaver workshop includes hands-on workshop of interventional techniques consisting of vertebroplasty and kyphoplasty in lumbar and thoracic regions using cadavers. Participants experience a comprehensive and intense learning opportunity, focusing on the evolution of vertebroplasty and kyphoplasty.

This program is designed for interventional pain physicians as a review, skills improvement, or to assist in obtaining credentials. It is the most in-depth, comprehensive, and individualized program available for training in vertebroplasty and kyphoplasty in the United States, featuring maximum hands-on training with cadavers in a state-of-the-art facility and maximum ability to interact with other participants with pre- and post-didactic courses.

Each cadaver station is limited to 6-8 participants. The workshop is limited to 60 participants with 10 cadaver stations. C-arms and state-of-the-art equipment are utilized in this course. Participants are requested to dress in casual attire or scrubs. Leaded aprons and thyroid shields will be provided, however, participants are advised to bring their own protective eyewear.

ASIPP's comprehensive review course and hands-on cadaver workshop of vertebroplasty and kyphoplasty is designed for interventional pain physicians. The seminar is planned as a CME activity to prepare physicians seeking to perform the procedures and credentialing as in-depth review of the subject.

### Objectives

Describe the delivery of multiple aspects of interventional pain management, demonstrate improved skill levels of interventional techniques. Outcome: so that you can integrate multiple aspects of interventional pain management in treating your patients so that patients have better outcomes and reduced side effects.

### Target Audience/Purpose

The ASIPP Vertebroplasty and Kyphoplasty Review Course and Hands-on Cadaver Workshop is designed for interventional pain physicians. The seminar is planned as a CME activity as an in-depth review of interventional techniques, specifically Lumbar and Thoracic Vertebroplasty and Kyphoplasty. This review course will be based on the specifications of the cadaver workshop. The cadaver workshop is offered to improve the delivery of multiple aspects of interventional pain management. It is designed to demonstrate improve skill levels and knowledge of interventional techniques, focusing on Vertebroplasty and Kyphoplasty so that multiple aspects of interventional pain management can be used when treating patients. The desired outcome is to integrate multiple aspects of Vertebroplasty and Kyphoplasty in treating your patients so that patients have better outcomes and reduced side effects.

### Accreditation Statement

This activity has been planned and implemented in accordance with Essential Areas and Policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint sponsorship of the University of Louisville and the American Society of Interventional Pain Physicians. The University of Louisville is accredited by the ACCME to provide continuing medical education for physicians.

### Category I Credit

The University of Louisville Continuing Health Sciences Education designates this educational activity, Vertebroplasty and Kyphoplasty Review Course and Hands-on Cadaver Workshop, for a maximum of 21 AMA PRA Category 1 Credits™. Physicians should only claim credit commensurate with the extent of their participation in the activity.

### Cadaver Workshop Site

#### Medical Education & Research Institute,

44 South Cleveland, Memphis, TN 38104

*MERI is a non-profit institute located in the heart of the downtown medical center in Memphis, Tennessee. The 27,000-square-foot facility houses three anatomic teaching laboratories; seven private, high-security research suites; and an auditorium equipped with the most state-of-the-art audiovisual systems available, including 3-D systems for viewing videos. MERI specializes in producing world-class educational programs, offering the most current information on the latest medical techniques and products.*

### Americans with Disabilities Act & Special Services

Organizers fully comply with the legal requirements of the Americans with Disabilities Act and the rules and regulations thereof. If any participant in this educational activity is in need of accommodations, please contact the organizers at (270) 554-9412 at least 10 days prior to the conference.

This comprehensive review course and hands-on cadaver workshop of vertebroplasty and kyphoplasty are supported by unrestricted grants from Stryker, Kyphon, Medtronic, Cardinal Health and Cook Diagnostic.

*No duplication or distribution of materials, or recording of lectures associated with this conference is permitted without express written consent of the American Society of Interventional Pain Physicians.*

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### Accommodations



Memphis Marriott Downtown—Memphis, TN  
250 North Main Street / Memphis, TN 38103  
Phone (901) 527-7300 / Fax (901) 527-1561

Inform agent that you are booking for American Society of Interventional Pain Physicians. We have secured a group room rate of \$159. Reserve rooms early— all unbooked rooms will be released January 25, 2007.

## Course Directors

### Laxmaiah Manchikanti, MD

CEO, ASIPP  
Associate Clinical Professor of  
Anesthesiology and Perioperative  
Medicine  
University of Louisville  
Louisville, Kentucky  
Medical Director,  
Pain Management Center of Paducah  
Paducah, Kentucky

### David M. Schultz, MD

Executive Vice President, ASIPP  
President & Executive Director,  
Minnesota Society of  
Interventional Pain Physicians  
Medical Advanced Pain Specialists  
Minneapolis, Minnesota

### Arthur S. Watanabe, MD

Medical Director  
Spinal Diagnostics and Open MRI  
Spokane, Washington

## Material For Preparation

### *Image-Guided Spine Interventions*

Mathis, John M. (Ed.)  
2004, 360 p., 293 illus., Hardcover  
ISBN-10: 0-387-40320-5  
ISBN-13: 978-0-387-40320-5  
This item usually ships in 2-3 days.  
\$189.00

### About this book

This practical guide thoroughly discusses both well-established and new interventions that are applied to the spine for the purpose of pain relief. Traditionally, pain procedures were in the limited purview of the pain anesthesiologist. Only a portion of these procedures were image guided. The growth in utilization of spine intervention and the realization that image guidance improves outcomes and safety has produced a need for this cutting-edge book. This book is an ideal aid for radiologists and other physicians who deal with back pain.

### Written for:

Radiologists, interventional radiologists,  
pain medicine specialists, orthopedists,  
neurosurgeons, anesthesiologists

### Order online at:

[http://www.springer.com/west/  
home?SGWID=4-102-22-14095384-  
0&changeHeader=true](http://www.springer.com/west/home?SGWID=4-102-22-14095384-0&changeHeader=true)

## Faculty

### Ramsin M. Benyamin, MD

Secretary, ASIPP  
President, Millennium Pain Center  
Bloomington, IL

### Andres Betts, MD

PainMD Medical Associates  
San Clemente, CA

### Allen W. Burton, MD

Associate Professor,  
Section Chief of Cancer Pain  
Management  
Department of Anesthesiology  
and Pain Medicine  
Houston, TX

### Harold J. Cordner, MD

President-Elect FSIPP  
Director, Florida Pain Management  
Associates  
Sebastian, FL

### Jonathan S. Daitch, MD

Advanced Pain Management  
Specialists, PA  
Fort Myers FL

### Sukdeb Datta, MD

Director, Pain Management Center  
VA Tennessee Valley Healthcare System  
Nashville, TN  
Assistant Professor (Adj)  
Vanderbilt University School of  
Medicine  
Department of Anesthesiology  
Nashville, TN

### Michael E. Frey, MD

Director of Interventional Physiatry  
Fort Myers, FL

### Bassem A. Georgy, MD

Interventional Neuroradiology  
Valley Radiology Consultants  
Assistant Clinical Professor of  
Radiology  
University of California,  
San Diego, CA

### Joshua A. Hirsch, MD

Spine Universe Editorial Board  
Chief, Minimally Invasive Spine Surgery  
Director, Interventional Neuroradiology/  
Endovascular Neurosurgery  
Massachusetts General Hospital  
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Pain Consultants of Oregon  
Eugene, OR

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Colorado Springs Pain Management  
Colorado Springs, CO

### Stephen T. Lester, MD

Medical Director  
Pain Care Associates of Oklahoma  
Tulsa, OK

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Assistant Professor  
Department of Anesthesia,  
Ohio University  
Director Comprehensive Pain  
Care Center  
Cleveland, Ohio

### Joanne Mehmert, CPC

Joanne Mehmert & Associates, LLC  
Kansas City, MO

### Gordon L. Mortensen, MD

Medical Director  
Associated Surgical and  
Medical Specialists  
Franklin, WI

### Charles Pace, MD

Interventional Pain Specialists of  
New Mexico  
Albuquerque, NM

### Kent B. Remley, MD

Director of Neuroradiology,  
Center for Diagnostic Imaging  
Indianapolis, IN

### Rinoo V. Shah, MD

Assistant Professor  
Interventional Pain Management  
Department of Anesthesiology  
Guthrie Clinic  
Sayre, PA

### Kenneth G. Varley, MD

Board of Directors, ASIPP  
President and Executive Director,  
Alabama Society of Interventional  
Pain Physicians  
Associate Clinical Professor  
Department of Anesthesiology,  
University of Alabama at  
Birmingham  
Southern Pain Specialists  
Birmingham, AL

# Friday February 16, 2007

7:00am–8:00am	<b>REGISTRATION &amp; CONTINENTAL BREAKFAST</b>	
8:00am–8:45am	Introduction to ASIPP Review Course	<b>Laxmaiah Manchikanti, MD</b>
8:45am–9:30am	Fluoroscopy in Interventional Pain Management	<b>David M. Schultz, MD</b>
9:30am–10:00am	Epidemiology, Pathophysiology, and Diagnosis of Vertebral Fractures	<b>Peter S. Kosek, MD</b>
10:00am–10:30am	Relevant Anatomy and Biomechanical Considerations of Augmentation	<b>Arthur S. Watanabe, MD</b>
10:30am–11:00am	Evolution of Vertebroplasty and Kyphoplasty	<b>Stephen T. Lester, MD</b>
11:00am–11:15am	<b>BREAK</b>	
11:00am–11:30am	What is the Evidence for Vertebroplasty and Kyphoplasty?	<b>Arthur S. Watanabe, MD</b>
11:30am–12:00pm	Percutaneous Vertebroplasty: Technique	<b>Ramsin M. Benyamin, MD</b>
12:00pm–1:00pm	<b>LUNCH</b> ( <i>box lunch provided</i> )	
1:00pm–1:30pm	Balloon Kyphoplasty: Technique	<b>Osama Malak, MD</b>
1:30pm–2:00pm	Complications of Vertebroplasty and Kyphoplasty	<b>Kent B. Remley, MD</b>
2:00pm–2:30pm	Standards for Performance of Vertebroplasty and Kyphoplasty	<b>Arthur S. Watanabe, MD</b>
2:30pm–3:00pm	Documentation, Billing, Coding, and Reimbursement	<b>Joanne Mehmert, CPC</b>
3:00pm–3:15pm	<b>BREAK</b>	
3:15pm–3:30pm	Utilization of Various Types of Equipment in Vertebroplasty and Kyphoplasty	<b>Stephen T. Lester, MD</b>
3:30pm–4:45pm	Procedures and Techniques	<b>TBA</b>
4:45pm–5:15pm	Vertebroplasty and Kyphoplasty: Fact or Fiction?	<b>Ramsin M. Benyamin, MD</b>
5:15pm–5:45pm	Bone Densitometry	<b>Kenneth G. Varley, MD</b>
5:45pm	<b>ADJOURN DAY 1</b>	

## Saturday February 17, 2007

6:45am–7:00am	<b>SHUTTLES DEPART THE HOTEL TO MERI FACILITY</b>	
7:00am–7:45am	<b>REGISTRATION &amp; CONTINENTAL BREAKFAST</b>	
7:45am–8:15am	Introduction to Interventional Pain Management Workshop	<b>Laxmaiah Manchikanti, MD</b>
8:30am–12:00pm	<b>Hands-on cadaver sessions</b> 10 workstations	
12:00pm–1:00pm	<b>LUNCH</b> <i>(provided)</i>	
1:00pm–6:00pm	<b>Hands-on cadaver sessions</b> 10 workstations	
6:15pm–6:30pm	<b>SHUTTLES DEPART FROM THE MERI FACILITY TO HOTEL</b>	

## Sunday February 18, 2007

7:00am–8:00am	<b>REGISTRATION &amp; CONTINENTAL BREAKFAST</b>	
8:00am–8:30am	<b>Summary of Review Course and Workshop</b>	<b>Arthur S. Watanabe, MD</b>
	<b>Case Presentations</b>	<b>Moderator: Joshua A. Hirsch, MD</b>
8:30am–8:45am	Case Presentation: <b>Single-Level Lumbar Vertebroplasty</b>	<b>Andres Betts, MD</b>
8:45am–9:00am	Case Presentation: <b>Single-Level Thoracic Vertebroplasty</b>	<b>Allen W. Burton, MD</b>
9:00am–9:15am	Case Presentation: <b>Multi-Level Lumbar Vertebroplasty</b>	<b>Michael E. Frey, MD</b>
9:15am–9:30am	Case Presentation: <b>Single-Level Lumbar Kyphoplasty</b>	<b>Kent B. Remley, MD</b>
9:30am–9:45am	Case Presentation: <b>Single-Level Thoracic Kyphoplasty</b>	<b>Joshua A. Hirsch, MD</b>
9:45am–10:15am	<b>BREAK</b>	
10:15am–12:00pm	<b>Discussion Forum</b>	<b>Moderator: Joshua A. Hirsch, MD</b>
12:00pm	<b>EVALUATION AND ADJOURNMENT</b>	

American Society of Interventional Pain Physicians

# Registration Form

## REGISTRATION INFORMATION

Approximately **60** participants will be allowed in the Workshop. Please complete the enclosed registration form and return to ASIPP with payment (**your application will not be processed if payment does not accompany registration form**).

ASIPP reserves the right to cancel this Workshop and/or Review Preparation Course upon reasonable notice and will assume no financial obligation to registrants for cancellation of the course for reasons beyond its control. Registration fees will be refunded. However, costs incurred by the registrants, such as airline or hotel fees or penalties, are the responsibility of the registrants.

**Registrants who are not accepted into this workshop will receive notice by mail with their returned check.**

**IMPORTANT.** Please answer all the questions:

### Primary Specialty Certification:

- Anesthesiology     Physiatry  
 Neurosurgery     Radiology  
 Neurology     Orthopaedic Surgery  
 PMR or Neurology     Psychiatry  
 Other: \_\_\_\_\_

### Pain Medicine Subspecialty Certification:

- American Board of Anesthesiology  
 American Board of Pain Medicine  
 American Board of Interventional Pain Physicians  
 Fellow of Interventional Pain Practice (FIPP)

### Specialty Designation:

- 09 - Interventional Pain Management  
 72 - Pain Management  
 Other: \_\_\_\_\_

### Percentage of Interventional Pain Management Practice:

- 0%     1-25%     26-50%     51-75%     > 75%

### Years in Interventional Pain Management practice:

- 0     1-5     6-10     > 10

### Total number of procedures performed during past year:

	LOCATION		
	ASC	HOPD	Office
Lumber Vertebroplasty	_____	_____	_____
Thoracic Vertebroplasty	_____	_____	_____
Lumber Kyphoplasty	_____	_____	_____
Thoracic Kyphoplasty	_____	_____	_____



- 1. On-line:** For convenience and faster registration, register at [www.asipp.org/meetings](http://www.asipp.org/meetings)
- 2. Fax:** Fax this registration form to 270.554.5394 with your Visa/MasterCard/ Discover/American Express information
- 3. Mail:** Mail this registration form with payment— check or Visa/MasterCard/Discover/American Express information—to: ASIPP, 81 Lakeview Drive, Paducah, KY 42001

Please print exactly as you wish your name to appear:

NAME	(FIRST)	(MIDDLE INITIAL)	(LAST)	(DEGREE)
ORGANIZATION				
ADDRESS				
CITY		STATE	ZIP	
PHONE			FAX	
EMAIL				

## Comprehensive Vertebroplasty & Kyphoplasty Review Course and Hands-on Cadaver Workshop

**On or before January 30, 2007:**     \$2,200 Member     \$2,500 Non-Member

**After January 30, 2007:**     \$2,500 Member     \$2,700 Non-Member

### PAYMENT METHOD (Please check one):

- MASTERCARD     VISA     AMERICAN EXPRESS     DISCOVER     CHECK

CREDIT CARD NUMBER	EXPIRATION DATE
NAME ON CARD	
AUTHORIZED SIGNATURE (required on all credit card orders)	
CHECK NUMBER	<input type="radio"/> ENCLOSED (Payable to ASIPP)

(Your application will not be processed if payment does not accompany registration form)

### RETURN COMPLETED FORM TO:

**ASIPP**, 81 Lakeview Drive, Paducah, KY 42001 or Fax to (270) 554-5394

### CANCELLATION POLICY:

ASIPP requires a 30-day notice for registrant's cancellation. Cancellations must be submitted in writing and received by January 1, 2007. An administrative fee of \$200.00 will be assessed. Cancellations after January 1, 2007, but prior to January 20, 2007, will forfeit 50% of their registration fee. No cancellations accepted after January 20, 2007. Refunds will be sent after the conclusion of the meeting.

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