Spinal Cord Stimulation
COMPREHENSIVE REVIEW COURSE AND CADAVER WORKSHOP

September 17-19, 2010
MEMPHIS, TENNESSEE

UP TO 20.75 AMA PRA CATEGORY 1 CREDITS™

Hotel & Review Course Location:
The Peabody Memphis, 149 Union Ave, Memphis, TN 38103. (901) 529-4164

Cadaver Workshop Location:
Medical Education & Research Institute, 44 South Cleveland, Memphis, TN 38104 USA

• 75% Off Meeting Fee to Fellows & Residents • Special room rates until August 24, 2010
Dear Friends:

For the first time, the American Society of Interventional Pain Physicians (ASIPP) and the North American Neuromodulation Society (NANS) are collaborating to bring you the most focused and comprehensive review course in spinal cord stimulation. We invite you to attend this didactic and hands-on cadaver workshop on September 17-19, 2010 in Memphis, TN.

Together we have created a state-of-the-art educational program featuring didactics covering key aspects of spinal cord stimulation as well as a comprehensive hands-on cadaver workshop. This course is designed to meet the credentialing needs of interventional pain physicians but is also valuable to those who want to improve their skills or are new to the procedure and would like to know more.

This in-depth review course and comprehensive spinal cord stimulation cadaver workshop will cover all the important aspects of these techniques and provide 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 spinal cord stimulation. During this three-day event, you can improve existing skills and learn new skills.

Whether you have been practicing spinal cord stimulation 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 today’s medical environment.

We hope you are as excited to attend this course as ASIPP and NANS are to have the opportunity to join together in providing it to you. The seminar will be conducted at the Peabody Memphis and the world renowned 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@asipp.org

Laxmaiah Manchikanti, MD
President, North American Neuromodulation Society
University of Oklahoma Health Sciences Center

Robert Foreman, PhD
Chairman of the Board and Chief Executive Officer
American Society of Interventional Pain Physicians
Description
This 2½-day comprehensive review course and hands-on cadaver workshop will describe and demonstrate the techniques of spinal cord stimulation. The desired outcome is for physicians to integrate various aspects of the interventional pain management techniques of spinal cord stimulation into the treatment of patients in order to provide better outcomes and reduced side effects for patients.

The cadaver workshop includes a hands-on learning experience in the interventional techniques used for spinal cord stimulation through the utilization of cadavers. Participants will experience a comprehensive and thorough learning opportunity, focusing on the evolution of spinal cord stimulation.

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 spinal cord stimulation 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 8 participants. The workshop is limited to 70 participants with a maximum of 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 and NANS comprehensive review course and hands-on cadaver workshop for spinal cord stimulation is designed for interventional pain physicians. The seminar is planned as a CME activity to prepare physicians seeking to perform the procedures, credentialing, or as in-depth review of the subject.

Objectives
Describe the delivery of multiple aspects of spinal cord stimulation and demonstrate improved skill levels. Outcome: integration of multiple aspects of spinal cord stimulation in treating patients for better outcomes and reduced side effects.

Target Audience/Purpose
The ASIPP Spinal Cord Stimulation 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. 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 improved skill levels and knowledge of interventional techniques, focusing on spinal cord stimulation so that multiple aspects of interventional pain management can be used when treating patients. The desired outcome is to integrate multiple aspects of spinal cord stimulation in treating your patients so that patients have better outcomes and reduced side effects.

Accreditation Statement
The workshop is a CME activity that has been planned and implemented in accordance with the Essential Areas and Policies of the Accreditation Council for Continuing Medical Education through the Joint Sponsorship of the Institute for Medical Studies and the American Society of Interventional Pain Physicians. The Institute for Medical Studies is accredited by the ACCME to provide continuing medical education for physicians.

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 these educational activities is in need of accommodations, please contact the organizers at (270) 554-9412 at least 10 days prior to each conference.

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 3 anatomic teaching laboratories; 7 private, high-security research suites; and an auditorium equipped with the most state-of-the-art audiovisual systems available.

Category I Credit™
The Institute for Medical Studies will determine these educational activities for up to 20.75 AMA PRA Category 1 Credits™. Physicians should only claim credit commensurate with the extent of their participation in the activity.

Accommodations
The Peabody
149 Union Ave, Memphis TN 38103 USA
Phone 1-901-529-4000
Inform the agent that you are booking for American Society of Interventional Pain Physicians. We have secured a group room rate of $175. Reserve rooms early—all unbooked rooms will be released August 24, 2010.

There is no commercial support for this course.
Course Directors

Laxmaiah Manchikanti, MD
Chairman of the Board and Chief Executive Officer, ASIPP
Medical Director, Pain Management Center of Paducah
Paducah, KY
Associate Clinical Professor of Anesthesiology
and Perioperative Medicine
University of Louisville, KY

David L. Caraway, MD, PhD
ASIPP, Vice President-Strategic Planning
NANS, Director at-Large
St Mary's Pain Relief Center
Huntington, WV

Robert Foreman, PhD
President, North American Neuromodulation Society
University of Oklahoma Health Science Center
Oklahoma City, OK

Faculty

Ramsin M. Benyamin, MD
Immediate Past President, ASIPP
Clinical Associate Professor, Department of Surgery
University of Illinois College of Medicine Urbana-Champaign, Illinois
President, Millennium Pain Center
Bloomington, IL

Ricardo M. Buenaventura, MD
Medical Director
Pain Relief of Dayton
Centerville, OH
Clinical Associate Professor of Anesthesiology
University of Wisconsin
Advanced Pain Management
Madison, WI

David A. Bryce, MD
Board of Directors, ASIPP
President, Wisconsin Society of Interventional Pain Physicians
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Advanced Pain Management
Madison, WI

Marilyn S. Jacobs, PhD, ABPP
Licensed Clinical Psychologist
California Pain Medicine Center
Assistant Clinical Professor of Psychiatry and Clinical Instructor of Anesthesiology at the David Geffen School of Medicine
UCLA Medical Center
Los Angeles, CA

Allan T. Parr, MD
President, ASIPP
Medical Director
Premier Pain Center
Covington, LA

Ashwini Sharan, MD
Secretary, NANS
Associate Professor
Associate Program Director
Department of Neurosurgery
Thomas Jefferson University
Philadelphia, PA

B. Todd Sitzman, MD, MPH
Board of Directors, NANS
Director, Advanced Pain Therapy, PLLC
Hattiesburg, MS

Ricardo Vallejo, MD, PhD
Secretary, Illinois Society of Interventional Pain Physicians
Director of Research
Millennium Pain Center
Adjunct Professor Biology Department
Illinois State University
Bloomington-Normal, IL

Bradley W. Wargo, DO
Pain Management Center of Paducah
Paducah, KY

Amy Yeatman, DO
Bellin Brain, Spine, and Pain Center
Neenah, WI

Doug Yeatman, MD
Aascend Pain Institute SC
Appleton, WI

Faculty subject to change
### Friday, September 17, 2010

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Speaker(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>7:00am–8:00am</td>
<td><strong>REGISTRATION &amp; CONTINENTAL BREAKFAST (PEABODY HOTEL)</strong></td>
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<tr>
<td>8:00am–8:15am</td>
<td>Introduction to ASIPP and NANS Collaboration Review Course</td>
<td>David L. Caraway, MD, PhD</td>
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<tr>
<td>8:15am–9:00am</td>
<td>Introduction to IPM; Issues and Solutions</td>
<td>Laxmaiah Manchikanti, MD</td>
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<tr>
<td>9:00am–9:45am</td>
<td>Behavioral Evaluation of Patients for Implantable Devices</td>
<td>Marilyn S. Jacobs, PhD</td>
</tr>
<tr>
<td>9:45am–10:30am</td>
<td>Evolution of Spinal Cord Stimulation Technology</td>
<td>Richard B. North, MD</td>
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<tr>
<td>10:30am–11:00am</td>
<td>BREAK</td>
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<tr>
<td>11:00am–12:00pm</td>
<td>Technical Aspects and Mechanisms of Spinal Cord Stimulation: How Does it Work</td>
<td>Robert Foreman, PhD</td>
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<tr>
<td>12:00pm–12:50pm</td>
<td>Surgical Aspects of Spinal Cord Stimulation</td>
<td>Ashwini Sharan, MD</td>
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<tr>
<td>12:50pm–2:00pm</td>
<td>LUNCH MEETING: PRESENTATION BY BOSTON SCIENTIFIC (PEABODY HOTEL) - NO CME CREDIT</td>
<td></td>
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<tr>
<td>2:00pm–2:45pm</td>
<td>Evidence-Based Medicine and Comparative Effectiveness of SCS</td>
<td>David L. Caraway, MD, PhD</td>
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<tr>
<td>2:45pm–3:00pm</td>
<td>Indications and Medical Necessity for Spinal Cord Stimulation</td>
<td>Todd Sitzman, MD</td>
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<tr>
<td>3:00pm–3:30pm</td>
<td>BREAK</td>
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<tr>
<td>4:00pm–4:50pm</td>
<td>Peripheral Nerve Stimulation: Mechanism, Indications, Patient Selection</td>
<td>Ramsin M. Benyamin, MD</td>
</tr>
<tr>
<td>4:50pm–5:30pm</td>
<td>Practical Lessons in Programming</td>
<td>Ricardo Vallejo, MD</td>
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<tr>
<td>5:30pm–6:00pm</td>
<td>Billing, Coding, and Practice Models for Spinal Cord Stimulation</td>
<td>David S. Kloth, MD</td>
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<tr>
<td>6:00pm</td>
<td>ADJOURN DAY 1</td>
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<tr>
<td>6:30pm</td>
<td>DINNER MEETING: PRESENTATION BY MEDTRONIC (PEABODY HOTEL) - NO CME CREDIT</td>
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### Saturday  
**September 18, 2010**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>6:45am–7:00am</td>
<td>SHUTTLES DEPART THE HOTEL TO MERI FACILITY</td>
</tr>
<tr>
<td>7:00am–7:45am</td>
<td>REGISTRATION &amp; CONTINENTAL BREAKFAST</td>
</tr>
</tbody>
</table>
| 7:45am–8:15am | Introduction to Spinal Cord Stimulation Workshop  
Laxmaiah Manchikanti, MD |
| 8:30am–12:00pm| Hands-on Cadaver Sessions  
10 workstations                                      |
| 12:00pm–1:00pm| LUNCH (provided)                                                     |
| 1:00pm–6:00pm | Hands-on Cadaver Sessions  
10 workstations                                      |
| 6:00pm–6:15pm | SHUTTLES DEPART FROM THE MERI FACILITY TO HOTEL                     |
| 6:30pm        | DINNER MEETING: PRESENTATION BY ST. JUDE MEDICAL (PEABODY) - NO CME CREDIT |

### Sunday  
**September 19, 2010**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>7:00am–8:00am</td>
<td>REGISTRATION &amp; CONTINENTAL BREAKFAST (PEABODY HOTEL)</td>
</tr>
</tbody>
</table>
| 8:00am–8:45am | The Future of Neurostimulation  
David L. Caraway, MD, PhD                                      |
| 8:45am–9:30am | Avoiding Complications in Spinal Cord Stimulation  
Richard B. North, MD                                       |
| 9:30am–10:00am| Summary of Review Course and Workshop  
David L. Caraway, MD, PhD                                    |
| 10:00am–10:30am| BREAK                                                                 |
| 10:30am–12:30pm| DISCUSSION FORUM  
MODERATOR: DAVID L. CARAWAY, MD, PhD  
Complex Presentations/Discussion Forum                      |
| 12:30pm       | EVALUATION AND ADJOURNMENT                                           |
Registration Form

REGISTRATION INFORMATION
Approximately 70 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

Three Ways To Register
1. On-line: For convenience and faster registration, register at 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—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

E-MAIL

Comprehensive Spinal Cord Stimulation Review Course and Hands-on Cadaver Workshop

On or before August 24, 2010:
- $2,200 Member
- $2,500 Non-Member
After August 24, 2010:
- $2,500 Member
- $2,800 Non-Member
Fellows:
- 75% Discount

PAYMENT METHOD (Please check one):
- MASTERCARD
- VISA
- AMERICAN EXPRESS
- DISCOVER

CREDIT CARD NUMBER CVV CODE (Back of Card)

EXP. DATE

NAME ON CARD

AUTHORIZED SIGNATURE (required on all credit card orders)
(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 September 1, 2010. An administrative fee of $200.00 will be assessed. Cancellations after August 24, 2010, but prior to September 1, 2010, will forfeit 50% of their registration fee. No cancellations accepted after September 1, 2010. Refunds will be sent after the conclusion of the meeting.
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