



PRELIMINARY PROGRAM

24TH ANNUAL MEETING OF
THE AANS/CNS SECTION ON
DISORDERS OF THE

SPINE AND PERIPHERAL NERVES

**BACK TO THE FUTURE:
LEGENDS IN SPINE AND PERIPHERAL NERVE SURGERY**

FEBRUARY 27 - MARCH 1, 2008

**Buena Vista Palace Hotel & Spa
Walt Disney World® Resort, Orlando, Florida**

REGISTER BY JANUARY 25, 2008!



American
Association of
Neurological
Surgeons



Meeting Highlights

- Obtain up to 18.75 credits in Category 1 CME credit towards the AMA Physician's Recognition Award (PRA). An additional 10 credits are available through optional programming.
- Choice of eight Special Courses, including two special symposia for Nurses, Nurse Practitioners and Physician Assistants.
- Three new Luncheon Symposia.
- Scientific Sessions and Special Courses presented by leading experts from both neurosurgery and orthopedic spinal and peripheral nerve surgery subspecialties.
- Presentation of over 175 Oral, Oral Point and Digital Poster Abstracts.
- Honored Guest and Meritorious Award Recipient—
Ronald I. Apfelbaum, MD.



Meeting Purpose

The purpose of the 2008 AANS/CNS Section on Disorders of the Spine & Peripheral Nerves Annual Meeting is to provide continuing medical education to neurosurgeons, orthopedic surgeons, spine care specialists, fellows, residents, physician assistants and nurse clinicians involved in the practice of spine and peripheral nerve surgery. Education is provided in the form of didactic lectures, special courses demonstrating neurosurgical techniques, exhibits demonstrating the newest instruments and information, and digital posters providing the latest information regarding clinical laboratory advances in neurological surgery.

WELCOME

The AANS/CNS Section on Disorders of the Spine and Peripheral Nerves invites you to the 2008 Annual Meeting, February 27 - March 1, at the Buena Vista Palace Hotel & Spa in the Walt Disney World® Resort in Orlando, Florida. This year's meeting promises to deliver maximum educational value as we explore the theme: *Back to the Future: Legends in Spine and Peripheral Nerve Surgery*.

Eight Special Courses are available, highlighting contemporary neurosurgical and non-surgical approaches, essential practice management solutions and critical patient advocacy issues. Two of these Special Courses are designed specifically for nurses, nurse practitioners and physician assistants.

This year, we are also pleased to introduce three Luncheon Symposia on Friday afternoon. These courses cover topics ranging from complication avoidance to minimally invasive techniques.

Our Scientific Sessions explore the history of spine and peripheral nerve surgery and illuminate the lessons learned from great spine and peripheral nerve surgical leaders of the past. These sessions feature presentations by some of the most renowned neurosurgeons in the world on topics including motion preservation, spinal alignment and lumbar degenerative disease.

This outstanding Scientific Program will be set in sunny Orlando, Florida at the fabulous Buena Vista Palace Hotel & Spa in the Walt Disney World® Resort. The Buena Vista Palace offers a tropical recreation island with pool and athletic activities, a lighted tennis court, a European-style spa, and shuttle to the Disney® Theme Parks.

So join us for an outstanding educational program and exciting exhibition highlighting the latest neurosurgical products, and bring your family to enjoy the excitement and adventure that awaits you at the Buena Vista Palace Hotel & Spa in the Walt Disney World® Resort. We look forward to seeing you in Orlando!



Joseph T. Alexander, MD
Chairperson



R. John Hurlbert, MD
Annual Meeting
Chairperson



Charles Kuntz, IV, MD
Scientific Program
Chairperson

Dates to Remember

Friday, January 25, 2008

Advance Registration Discount and Housing Deadline.

Monday, February 4, 2008

\$100 processing fee will be charged for written cancellations received prior to this date. Course and event tickets will be refunded in full until this date.

Tuesday, February 5, 2008

No refunds after this date.



Program-At-A-Glance (Preliminary*)

<p>WEDNESDAY February 27, 2008</p>	<p>THURSDAY February 28, 2008</p>	<p>FRIDAY February 29, 2008</p>	<p>SATURDAY March 1, 2008</p>
<p>6:00 AM – 6:00 PM Registration</p> <p>11:00 AM – 6:00 PM Speaker Ready Room</p> <p>1:30 – 5:30 PM Special Courses I - VI</p> <p>6:00 – 8:00 PM Opening Reception</p>	<p>6:00 AM – 6:00 PM Registration</p> <p>6:00 AM – 6:00 PM Speaker Ready Room</p> <p>6:30 – 7:00 AM Continental Breakfast</p> <p>7:00 AM – 12:30 PM Scientific Session I</p> <p>9:00 AM – 7:00 PM Exhibit Hall Open</p> <p>9:30 – 10:15 AM Beverage Break <i>What's New Sessions</i></p> <p>12:30 – 1:25 PM Lunch <i>What's New Sessions</i></p> <p>1:30 – 5:30 PM Scientific Session II</p> <p>3:15 – 4:00 PM Beverage Break <i>What's New Sessions</i></p> <p>5:30 – 7:00 PM Reception in the Exhibit Hall</p>	<p>6:00 AM – 6:00 PM Registration</p> <p>6:00 AM – 6:00 PM Speaker Ready Room</p> <p>6:30 – 7:00 AM Continental Breakfast</p> <p>7:00 AM – 12:15 PM Scientific Session III</p> <p>9:00 AM – 12:00 Noon Exhibit Hall Open</p> <p>9:30 – 10:15 AM Beverage Break <i>What's New Sessions</i></p> <p>12:15 – 12:30 PM Annual Business Meeting</p> <p>12:30 – 2:30 PM Luncheon Symposium I - III</p> <p>1:30 – 5:30 PM Special Courses VII & VIII</p> <p>1:00 – 6:00 PM Golf</p>	<p>6:00 AM – 12:30 PM Registration</p> <p>6:00 AM – 12:30 PM Speaker Ready Room</p> <p>6:30 – 7:00 AM Continental Breakfast</p> <p>7:00 – 8:00 AM/ 10:15 AM – 12:30 PM Scientific Session IV</p> <p>8:00 – 9:30 AM David Cahill Memorial Controversies Session</p> <p>9:00 AM – 12:00 Noon Exhibit Hall Open</p> <p>9:30 – 10:15 AM Beverage Break <i>What's New Sessions</i></p> <p><i>*Hours and schedule are subject to change.</i></p>



Please note: All courses and faculty are preliminary and subject to change. Seating is limited for all Special Courses and Lunch Symposia. Register Today!

Wednesday, February 27

1:30 – 5:30 PM

Special Course I: Spinal Coding Update and Review

Additional \$200 for medical registrants. Includes Lunch.

Directors: Robert R. Johnson, II
Joseph S. Cheng

Faculty: R. Patrick Jacob,
John J. Knightly, Richard A. Roski,
Michael K. Rosner, Karin R. Swartz

Course Description: This course will provide up to date information on current issues in spine coding. Coding scenarios will be reviewed for the correct coding of routine as well as complex spinal procedures.

Learning Objectives: Upon completion of this course, participants should be able to:

- > Recognize the newest changes in CPT coding for spine.
- > Review the methodology for correct spine coding.
- > Identify specific difficult coding scenarios and bring clarity to the coding process.

1:30 – 5:30 PM

Special Course II: Spine and Nerve Oral Board and Recertification Review

Additional \$200 for medical registrants. Includes Lunch.

Directors: Michael G. Kaiser,
Charles L. Branch, Jr.

Faculty: Paul C. McCormick,
Robert F. Heary, Vincent C. Traynelis,
Christopher I. Shaffrey, Michael W. Groff

Course Description: This course is intended to familiarize participants with the ABNS process of certification, with an emphasis on strategies for successful completion of the ABNS oral board exam. The certification process, including maintenance of certification (MOC), will be explained through a series of didactic lectures. Participants will have an opportunity to practice these strategies during mock oral exams.

Learning Objectives: Upon completion of this course, participants should be able to:

- > Discuss the requirements for ABNS certification.
- > Review the requirements for Maintenance of Certification (MOC).
- > Outline strategies for successful completion of the oral board exam.

1:30 – 5:30 PM

Special Course III: Learning Adult Spinal Deformity Surgery: Principles and Techniques

Additional \$200 for medical registrants. Includes Lunch.

Directors: Stephen L. Ondra,
Michael Y. Wang

Faculty: Charles Kuntz, IV, Tyler R. Koski,
Frank LaMarca, Peter D. Angevine,
Praveen V. Mummaneni

Course Description: This course will provide an introduction to adult spinal deformity. With an aging population in North America, adult and geriatric spine deformity is increasingly being evaluated in all spinal clinics. The course will be dedicated to the evaluation and classification of spinal deformity as well as treatment options for spinal deformity.

Learning Objectives: Upon completion of this course, participants should be able to:

- > Review the evaluation and classification of adult and geriatric deformity.
- > Discuss the nonsurgical and surgical management of spinal deformity with an emphasis on surgical correction principles.
- > Evaluate complications, complication management and operative outcomes.
- > Assess the social and economic implications in treating the aging spine.

1:30 – 5:30 PM

Special Course IV: Advances in the Treatment of Thoracic and Lumbar Spine Trauma

Additional \$200 for medical registrants. Includes Lunch.

Directors: Robert F. Heary,
Gregory R. Trost

Faculty: Allan D. Levi, Paul G. Matz,

Carl Laurysen, Michael K. Rosner,
Ira M. Goldstein, Christopher P. Ames

Course Description: This course will review the current treatment of thoracic and lumbar spine trauma. Nonsurgical and surgical treatment options, including surgical timing and operative approaches, will be evaluated. The management of post-traumatic deformity and failed fracture treatment will be assessed. This course will include the evaluation of routine as well complex spinal injuries.

Learning Objectives: Upon completion of this course, participants should be able to:

- > Review the evaluation and classification of thoracic and lumbar spine injuries.
- > Discuss the nonsurgical and surgical management of thoracic-lumbar injuries.
- > Evaluate complications, complication management and operative outcomes.

1:30 – 5:30 PM

Special Course V: Advances in Minimally Invasive and Outpatient Spine Surgery

Additional \$200 for medical registrants. Includes Lunch.

Directors: Kevin T. Foley,
Mark R. McLaughlin

Faculty: Langston T. Holly, Paul Park,
Robert E. Isaacs, Eric A. Potts,
Richard G. Fessler, Nirav K. Shah

Course Description: This course will provide up to date information on the newest minimally invasive and outpatient spine surgery techniques. The role of minimally invasive surgery in deformity correction, tumor resection, and revision surgery as well as spinal reconstruction will be reviewed. Outpatient surgical options and operative outcomes will be evaluated.

Learning Objectives: Upon completion of the course, participants should be able to:

- > Understand the importance of minimally invasive spine surgery.
- > Discuss methods for extending existing minimally invasive decompressive surgical techniques to more complex spinal disorders.
- > Evaluate complications, complication management and operative outcomes.

1:30 – 5:30 PM**Special Course VI: Evaluation and Management of the Spine Trauma Patient****Special Course for Nurses, Nurse Practitioners and Physician Assistants.**

Additional \$110 for medical registrants. Includes Lunch.

Directors: Peter C. Gerszten, Andrea L. Strayer, MSN, CNRN, ACNP, Erin Villard, RN, MN, ACNP*Faculty: David O. Okonkwo, James S. Harrop, Michael P. Steinmetz, Al Melillo, R. John Hurlbert*

Course Description: This course will provide up to date practical information on spine trauma with particular emphasis on cervical spine clearance, spinal imaging, operative versus non-operative management, and spinal cord injury. Current treatment strategies will be reviewed including management of central cord syndrome, intensive care considerations; geriatric patient considerations, and new rehabilitation technologies. Expert advanced practice nurse, physician assistant, and neurosurgeon faculty will explore the challenges of caring for this complex patient population.

Learning Objectives: *Upon completion of the course, participants should be able to:*

- > Discuss the epidemiology of spine trauma.
- > Review cervical spine clearance and indications for imaging studies.
- > Analyze the decision making for operative versus non-operative treatment.
- > Evaluate the current treatment options for spinal cord injury and review new rehabilitation technologies available to the spinal cord injured patient.

Physician attendees will not be awarded CME credit for this course. Nursing contact hours will be provided through AANN. The American Association of Neuroscience Nurses is accredited as a provider of continuing nursing education by the American Nurses Credentialing Center's Commission on Accreditation.

Physician assistants will receive credit for attendance. Each physician assistant will need to contact his or her individual membership association and certification board to determine the requirements for accepting credits. All attendees will receive a confirmation of attendance.

6:00 – 8:00 PM**Opening Reception****Thursday, February 28****6:30 – 6:55 AM****Case Presentations****Moderators: Edward C. Benzel, Frank LaMarca****6:55 – 7:10 AM**Introductory Remarks and Meeting Announcements
Joseph T. Alexander**7:00 AM – 12:30 PM****Scientific Session I****Neurosurgery and Spine: Back to the Future: Legends in Spine and Peripheral Nerve Surgery****Moderators: R. John Hurlbert, Charles Kuntz, IV**

Session Description: This Scientific Session will review the evolution in treatment of spine and peripheral nerve disorders. The history of spine and peripheral nerve surgery will be examined, and senior surgeons will give their perspective on the evaluation and treatment of spine and peripheral nerve disorders.

Learning Objectives: *Upon completion of the course, participants should be able to:*

- > Review the evolution in treatment of spinal disorders
- > Understand the evolving field of peripheral nerve surgery.
- > Evaluate the current treatment of pediatric cervical spine trauma, lumbar spinal stenosis, and spinal deformity.
- > Gain wisdom by knowing the history of our subspecialty.

7:10 AM**History of Spinal Surgery****Volker K. H. Sonntag****7:30 AM****Management of Pediatric Cervical Spinal Trauma****Dachling Pang****7:50 AM****Diagnosis and Treatment of Lumbar Spinal Stenosis****Philip R. Weinstein****8:10 AM****Evolution of Peripheral Nerve Surgery****David G. Kline****8:30 AM****Deformity Surgery over 30 Years: Lessons Learned****David S. Bradford****8:50 AM****Panel Discussion****9:00 AM****Presidential Address: Back to the Future: Legends in Spine and Peripheral Nerve Surgery****Joseph T. Alexander****9:10 AM****Meritorious Award Winner****Ronald I. Apfelbaum****Meritorious Award Presentation****Evolution of Cervical Instrumentation****9:30 – 10:15 AM****Beverage Break with Exhibitors****What's New Session I****Moderator: J. Patrick Johnson****10:15 AM – 12:30 PM****Oral Platform Presentations I****Moderators: Mark R. McLaughlin,****Chad J. Morgan****12:30 – 1:25 PM****Lunch Break****What's New Session II****Moderator: Michael K. Rosner****1:25 – 1:30 PM****Meeting Announcements****1:30 – 5:30 PM****Scientific Session II****Spinal Alignment and Treatment Implications****Moderators: Eric J. Woodard,****Julie E. York**

Session Description: This scientific session will review “normal” neutral upright spinal alignment in asymptomatic individuals. Because the human condition is in part defined by the ability to comfortably stand upright and because the treatment of many patients with spinal disorders is directed at restoring this condition, the importance of neutral upright spinal alignment will be reviewed in relation to operative outcomes.

Learning Objectives: *Upon completion of the course, participants should be able to:*

- > Review “normal” Neutral Upright Spinal Alignment in asymptomatic individuals.

Visit www.spinesection.org to learn more!

- > Evaluate cervical spinal alignment and treatment of cervical myelopathy.
- > Understand the classification of spinal deformity and the importance of spinal alignment in patient outcomes.
- > Discuss techniques for restoring Neutral Upright Spinal Alignment.

1:30 PM

Cervical Spinal Alignment in Asymptomatic Adults*Michael W. Groff*

1:45 PM

Treatment of Cervical Myelopathy*Junichi Mizuno*

2:00 PM

Thoracic-Lumbar-Pelvic Alignment in Asymptomatic Adults*Stephen L. Ondra*

2:15 PM

Classification of Adult/Geriatric Spinal Deformity*Christopher I. Shaffrey*

2:30 PM

Importance of Spinal Alignment in Patient Outcomes*Tyler R. Koski*

2:45 PM

Restoring Spinal Alignment*Praveen V. Mummaneni*

3:00 PM

Panel Discussion

3:15 – 4:00 PM

Coffee Break with Exhibitors**What's New Session III***Moderator: Langston T. Holly*

4:00 – 5:30 PM

Oral Poster Presentations I & II*Moderators: John J. Knightly, Daniel H. Kim*

5:30 – 7:00 PM

Reception with the Exhibitors**Friday, February 29**

6:30 – 6:55 AM

Case Presentations*Moderators: David S. Bradford, Paul G. Matz*

6:55 – 7:00 AM

Meeting Announcements

7:00 – 8:00 AM

Scientific Session III (Part 1): Critical Review of New Randomized Controlled Trials for Lumbar Degenerative Disease*Moderators: Christopher E. Wolfla, Michael G. Fehlings*

Session Description: This Scientific Session will critically review the randomized controlled trials for the treatment of lumbar degenerative disease, which have been published in the past twelve months. The results of the trials will be summarized and critically evaluated in reference to implications for clinical practice.

Learning Objectives: Upon completion of the course, participants should be able to:

- > Discuss the results of the new randomized controlled clinical trials.
- > Critically evaluate the study design and statistical methods of the trials.
- > Review the theoretically and practical implications for clinical practice.

7:00 AM

Synopsis of Results*Robert E. Isaacs*

7:15 AM

Critical Evaluation of Results*Richard G. Fessler*

7:30 AM

Implications for Clinical Practice*Daniel K. Resnick*

7:45 AM

Panel Discussion

8:00 – 9:00 AM

Scientific Session III (Part 2): Clinical and Socioeconomic Implications of Spinal Surgery*Moderators: Charles L. Branch, Jr., P. Colby Maher*

Session Description: This Scientific Session will critically review the socioeconomic impact of spinal surgery on society. The influence of industrial sponsorship and the clinical impact of spinal surgery will be examined.

Learning Objectives: Upon completion of the course, participants should be able to:

- > Discuss the socioeconomic impact of spinal surgery on society.
- > Critically evaluate the influence of industrial sponsorship on the

subspecialty.

- > Review the clinical impact of spinal surgery for patients.

8:00 AM

Socioeconomic Impact of Spinal Surgery*Sohail K. Mirza*

8:15 AM

Influence of Industrial Sponsorship*Paul C. McCormick*

8:30 AM

Clinical Impact of Spinal Surgery*Christopher I. Shaffrey*

8:45 PM

Panel Discussion

9:00 – 9:30 AM

Fellowship Awards and Updates*Praveen V. Mummaneni*

9:30 – 10:15 AM

Coffee Break with Exhibitors**What's New Session IV***Moderator: Carl Laurysen*

10:15 AM – 12:15 PM

Oral Platform Presentations II*Moderators: Rajiv Midha, Joseph S. Cheng*

12:15 – 12:30 PM

Annual Business Meeting*Daniel K. Resnick*

12:30 PM

Lunch on Your Own

12:30 – 2:30 PM

Luncheon Symposium I: Revision Spine Surgery and Complication Avoidance

Additional \$200 for medical registrants. Includes Lunch.

*Directors: Christopher I. Shaffrey, Timothy C. Ryken**Faculty: Regis W. Haid, Jr., Michael G. Fehlings, Patrick W. Hitchon, J. Patrick Johnson*

Course Description: This course will provide state of the art information on complication avoidance and revision spine surgery techniques. Senior surgeons will review their clinical experience and lessons learned. Extensive interactive case presentations will illustrate treatment and care considerations and explore complication

avoidance algorithms and revision spine surgery techniques.

Learning Objectives: *Upon completion of the course, participants should be able to:*

- > Understand management strategies and operative techniques for complication avoidance.
- > Discuss the management of routine as well as complex postsurgical cervical, thoracic, and lumbosacral nonunion and deformity.
- > Review treatment options for adjacent segment disease, recurrent disk herniation, and failed fusion and arthroplasty as well as failed fracture treatment.

12:30 – 2:30 PM

Luncheon Symposium II: Evolution of Minimally Invasive Spine Surgery Techniques

Additional \$200 for medical registrants. Includes Lunch.

Directors: *Richard G. Fessler, John C. Liu*

Faculty: Mick J. Perez-Cruet, Praveen V. Mummaneni, Timothy E. Adamson, Robert E. Isaacs

Course Description: This course will provide up to date information on the newest minimally invasive spine surgery techniques. Neurosurgeons who are relatively new to minimally invasive surgery and those with previous minimally invasive experience will benefit from this review of current minimally invasive technology. Extensive interactive case presentations will illustrate treatment and care considerations and explore the rapidly evolving field of minimally invasive spinal surgery.

Learning Objectives: *Upon completion of the course, participants should be able to:*

- > Understand the importance of minimally invasive spine surgery.
- > Discuss methods for extending existing minimally invasive decompressive surgical techniques to more complex spinal disorders.
- > Recognize hybrid surgical techniques that combine conventional “open” methods with minimally invasive techniques.

12:30 – 2:30 PM

Luncheon Symposium III: Treatment of Primary and Metastatic Spine Tumors

Additional \$200 for medical registrants. Includes Lunch.

Directors: *Ehud Mendel, Ziya L. Gokaslan*

Faculty: Laurence D. Rhines, Ehud Mendel, Mark H. Bilsky, Peter C. Gerszten

Course Description: This course will review the natural history and management of primary and metastatic spinal tumors. Radiographic imaging, intervention strategies, and treatment algorithms will be reviewed. Surgical treatment including approaches will be discussed. Extensive interactive case presentations will illustrate treatment and care considerations and explore the challenges of caring for this complex patient population.

Learning Objectives: *Upon completion of the course, participants should be able to:*

- > Understand the significance of tumor biology in considering management options.
- > Review the indications and techniques for management of primary and metastatic spinal tumors.
- > Discuss surgical approaches and techniques for tumor resection and spinal reconstruction.

1:30 – 5:30 PM

Special Course VII: Peripheral Nerve Exposures and Nerve Repair Techniques

Complimentary to Section Resident Members.

Additional \$200 for medical registrants. Includes Lunch.

Directors: *Allen H. Maniker, Robert J. Spinner*

Faculty: Eric L. Zager, Allan J. Belzberg, Rajiv Midha, Line Jacques, Robert L. Tiel, John E. McGillicuddy

Course Description: This course will demonstrate the common exposures to peripheral nerves in the upper extremity and common techniques used for peripheral nerve reconstruction. It is targeted to practicing surgeons, senior residents and fellows.

Learning Objectives: *Upon completion of this course, participants should be able to:*

- > Understand the pertinent and practical surgical anatomy of the brachial plexus and peripheral nerves in the upper limb as related to common nerve injuries, nerve entrapments, and other nerve disorders.
- > Review common techniques utilized in the reconstruction of peripheral nerves (direct repair, grafting, nerve transfers, and nerve conduits).
- > This course will prepare residents for written board examinations and young neurosurgeons for oral board examinations.

1:30 – 5:30 PM

Special Course VIII: Evaluation and Management of the Post-Operative Spine Patient

Special Course for Nurses, Nurse Practitioners and Physician Assistants.

Additional \$110 for medical registrants. Includes Lunch.

Directors: *Gregory R. Trost, Andrea L. Strayer, MSN, CNRN, ACNP, Erin Villard, RN, MN, ACNP*

Faculty: Richard P. Schlenk, Ajit A. Krishnaney, Ann Henwood, Katie Evanchick, Andrew N. Nemecek

Course Description: This course will provide up to date practical information in regards to the postoperative care of the spine patient with particular emphasis on postoperative radiographic evaluation and clinical outcome, spinal infection, acute pain management, postoperative voiding issues, complication avoidance, and decision making strategies. Expert advanced practice nurse, physician assistant, and neurosurgeon faculty will explore the challenges of caring for this complex patient population.

Learning Objectives: *Upon completion of the course, participants should be able to:*

- > Discuss general postoperative care and complication avoidance.
- > Analyze the indications for postoperative imaging and relation to outcome.
- > Discuss the evaluation and management of postoperative wound infection.
- > Review care considerations for postoperative pain management and voiding difficulties.

Visit www.spinesection.org to learn more!

Physician attendees will not be awarded CME credit for this course. Nursing contact hours will be provided through AANN. The American Association of Neuroscience Nurses is accredited as a provider of continuing nursing education by the American Nurses Credentialing Center's Commission on Accreditation.

Physician assistants will receive credit for attendance. Each physician assistant will need to contact his or her individual membership association and certification board to determine the requirements for accepting credits. All attendees will receive a confirmation of attendance.

Saturday, March 1

6:30 – 6:55 AM

Case Presentations

Moderator: Tanvir Choudhri, Gerald E. Rodts, Jr.

6:55 – 7:00 AM

Meeting Announcements

**7:00 – 8:00 AM/10:15 AM – 12:30 PM
Scientific Session IV
Neurosurgery and Spine: Evolution of
Motion Preservation**

Moderators: Michael P. Steinmetz, Brian R. Subach

Session Description: This Scientific Session will review the evolution of motion preservation techniques in the cervical and lumbar spine. Currently available technologies and rapidly evolving experimental techniques will be evaluated.

Learning Objectives: Upon completion of this course, participants should be able to:

- > Discuss the various motion preservation technologies.
- > Be aware of the theoretically and practical risks and benefits of motion preservation technologies.
- > Review the current experience of senior surgeons with these new technologies.

7:00 AM

Cervical Arthroplasty: From Trial to Practice - What is Reality?

Regis W. Haid, Jr.

7:12 AM

Lumbar Arthroplasty: New Disks Arriving

Iain H. Kalfas

7:24 AM

Posterior Dynamic Stabilization: 1 to 2 Year Follow-up Results

William C. Welch

7:36 AM

Facet Joint Replacement: Early Results

Larry T. Khoo

7:48 AM

Panel Discussion

8:00 – 9:30 AM

David Cahill Memorial Controversies Session Spine and Nerve

Moderators: Eric L. Zager, Regis W. Haid, Jr.

Session Description: This Scientific Session will involve a debate presentation format. Controversial clinical management decisions will be presented with experts arguing their perspective on what the spine and peripheral nerve literature supports.

8:00 AM

Spinal Balance: Important or Not

Faculty: Stephen L. Ondra vs. Peter D. Angevine

8:22 AM

Spinal Cord Injury: Emergent or Urgent Surgery

Faculty: Michael G. Fehlings vs. Edward C. Benzel

8:44 AM

Piriformis Syndrome: Real or Not

Faculty: Robert L. Tiel vs. Aaron G. Filler

9:06 AM

Low Back Pain from DDD: Normal Aging or Pathological Condition

Faculty: Sohail K. Mirza vs. Daniel K. Resnick

9:30 – 10:15 AM

Coffee Break with Exhibitors

What's New Session V

Moderator: Marjorie C. Wang

10:15 – 11:00 AM

Mayfield Awards/Presentations

11:00 AM – 12:30 PM

Oral Poster Presentations III

Moderators: Tyler R. Koski, Michael W. Groff

12:30 PM

Adjourn

CME Credit

This activity has been planned and implemented in accordance with the Essentials and Standards of the Accreditation Council for Continuing Medical Education through the joint sponsorship of Congress of Neurological Surgeons (CNS) and the AANS/CNS Section on Disorders of the Spine and Peripheral Nerves. The Accreditation Council for Continuing Medical Education (ACCME) accredits the CNS to sponsor continuing medical education for physicians. The CNS designates this educational activity for a maximum of 18.75 credits in Category 1 credit toward the AMA physician's Recognition Award (PRA). An additional 10 credits are available through optional programming. Each physician should claim only those credits that he/she actually spent in the educational event.

Physician Assistant CME Credit

Physician assistants will receive CME credits for attendance at the general Scientific Program and for any optional events attended. Each physician assistant should contact his or her individual membership association and certification board to determine the requirements for accepting CME credits. All attendees will receive a Confirmation of Attendance.

Opening Reception

Wednesday, February 27, 2008
6:00 – 8:00 PM

The reception will be held poolside at the Buena Vista Palace Hotel & Spa in the Walt Disney World® Resort. Enjoy a wonderful assortment of food and refreshments as you visit with old friends and new colleagues at the Opening Reception. All medical attendees and spouse/guests receive one (1) complimentary ticket. *Resort casual attire is recommended for this event.*



Reception with the Exhibitors

Thursday, February 28, 2008
5:30 – 7:00 PM

Join us for this special event in the Exhibit Hall. Attendees will have the opportunity to interact with exhibiting companies while enjoying pre-dinner cocktails and hors d'oeuvres with colleagues. All medical attendees and spouse/guests* registered for the meeting will receive one (1) complimentary ticket. *Business casual attire is recommended for this event.*

**Please note: Due to liability and security issues, children under 18 years of age are not permitted on the exhibit floor at any time.*

Golf

Friday, February 29, 2008
1:00 – 6:00 PM

Love to golf? Don't miss the opportunity to play on two of the top-rated golf courses in the United States.

Magnolia: Home to Disney's PGA Tour event for the past 36 years, Disney's Magnolia is the longest of the Walt Disney World® Resort courses. Spacious greens, and the world-famous Mickey Mouse bunker are surrounded by rolling terrain in the classic Florida-style Joe Lee design.

Osprey Ridge: The resourceful Tom Fazio design is dressed in a cloak of nature, so all you see are dramatic fairways cloistered by magnificent stands of pine and majestic oaks.

For more information visit www.disneyworldgolf.com

Golf Registration: Golf participants can sign up individually or as a foursome by calling Ron Fusco at (407) 938 3868 or e-mail ron.fusco@disney.com. The \$155 participation fee includes green fees, golf cart (equipped with the latest GPS Technology) and practice range balls. Golf club rental is available on a first-come, first-served basis at \$55 per set plus tax as well as shoe rental at \$10 per pair plus tax. A limited number of tee times have been reserved so secure your tee time today!

Disney Attractions and Ticket Information

Come for the meeting, stay for the magic! Mixing business with pleasure is easy when you make the most of your free time with Disney's® Special Meeting/Convention Theme Park Tickets. Advance purchase lets you skip the lines at the Theme Park ticket windows, save money, and customize your free time to suit your individual agenda. Disney® Attractions and Ticket Information www.disneyconventionear.com/SPINESECTION to purchase your advance tickets. You may also contact your hotel concierge for information and questions.

Child Care Services

The AANS/CNS Section on Disorders of the Spine and Peripheral Nerves is not affiliated with nor is it endorsing the services of this company; however, the following company is identified by the resort for in-room babysitting: All About Kids (407) 812 9300.

Evaluation Forms

The Annual Meeting evaluation process is a key component in providing cutting-edge programming at the AANS/CNS Section on Disorders of the Spine and Peripheral Nerves Annual Meeting. Medical registrant feedback on the quality and diversity of the entire program helps to determine future Annual Meeting programming. Your voice is important and your opinions are valued!

Speaker Ready Room

The Speaker Ready Room will be available Wednesday, February 27 through Saturday, March 1. All speakers and abstract presenters should visit the Speaker Ready Room prior to their presentations.

No Smoking Policy

Smoking is not permitted at any official AANS/CNS Section on Disorders of the Spine and Peripheral Nerve Annual Meeting events.



Aesculap Implant Systems
 Alphatec Spine, Inc.
 American Association of
 Neurological Surgeons
 Anspach Companies
 Anulex Technologies, Inc.
 AO Spine North America
 Apatech, Inc.
 ArthroCare Corporation
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 Bremer Group Company, The
 Carl Zeiss Meditec, Inc.
 Cervitech, Inc.
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 Medicea
 Medtronic
 NuVasive
 Osteotech, Inc.
 Outpatient Surgery Magazine
 Pioneer Surgical Technology
 Priority Consult, LLC
 RSB Spine
 Scient'X USA
 SeaSpine, Inc.
 Signus Medical, LLC
 Spinal Elements
 SpineFrontier, Inc.
 Spine Wave
 Stryker
 Synthes Spine
 TeDan Surgical Innovations
 Tissuelink Medical, Inc.
 TranS1 Inc.
 VERTEBRON, Inc.
 Zimmer Spine
 As of 11/5/07

Don't miss the Exhibit Hall at the 2008 Annual Meeting of the AANS/CNS Section of Disorders of the Spine and Peripheral Nerves. Exhibitors value this time to learn from you, establish the individual needs of your practice, and share trends in their specialties. It's also a great opportunity for you to learn more about the latest technological advances in spinal neurosurgery.

Your preferred exhibitors encourage you to stop by their booths for one-on-one discussions, hands-on product demonstrations or to catch a glimpse of the many exciting new products and services available for show at this year's Annual Meeting.

Exhibit Hall Features

The Exhibit Hall, located in the Event Center, will feature:

- > More than 50 exhibiting companies displaying state-of-the-art equipment, products and services.
- > **Lunch in the Exhibit Hall:** Plan to spend your Thursday lunch break mingling with exhibitors between *What's New* presentations.
- > **Cocktail Reception:** Join us Thursday evening for another great, social networking opportunity. Take this time to browse the aisles of the Exhibit Hall and visit your favorite companies or perhaps encounter some fresh faces on the exhibit floor, all while enjoying cocktails and hors d'oeuvres.

Also during Exhibit Hall hours, look for these great attendee opportunities located in Great Hall Center:

- > **E-mail Cafes:** Stay in touch with the office through this complimentary attendee service.
- > **Digital Posters:** This state-of-the-art format lets attendees browse abstracts enhanced by photos and video. The digital format also makes it easy to search for abstracts by author or topic.
- > **What's New Sessions:** Join the crowd during daily breaks and Thursday lunch as speakers share the latest in cutting-edge research and technology.

Exhibit Hours

Thursday, February 28, 2008	9:00 AM – 7:00 PM
Friday, February 29, 2008	9:00 AM – 12:00 Noon
Saturday, March 1, 2008	9:00 AM – 12:00 Noon

Beverage Break and *What's New* Session Hours

Thursday, February 28, 2008	9:30 – 10:15 AM 12:30 – 1:25 PM* 3:15 – 4:00 PM
Friday, February 29, 2008	9:30 – 10:15 AM
Saturday, March 1, 2008	9:30 – 10:15 AM

*Lunch in the Exhibit Hall is complimentary to all medical attendees and guests ages 18 and older.

Special Thanks to Our Sponsors!

Ambassador

- > Stryker > Medtronic

Partner

- > DePuy Spine, a Johnson & Johnson Company
- > Synthes Spine, Inc.

Supporter

- > Anulex Technologies, Inc. > ArthroCare > Integra > Kyphon Inc.
- > NuVasive > Osteomed, Inc. > Spinal Elements > Trans1

REGISTRATION AND HOUSING DEADLINE: JANUARY 25, 2008

Use these three methods:**Online:**

www.spinesection.org

- > Internet booking is available 24 hours a day, seven days a week.
- > Credit card only.
- > Receive immediate Registration & Housing Confirmation.

Fax:

US and Canada (866) 805 5721
International (514) 228 3162

- > Credit card only.
- > Allow seven business days for a Registration & Housing Confirmation.
- > Type or print all information on the registration/housing form in black ink.
- > AANS/CNS/Laser Registration is not responsible for faxes not received due to mechanical failure or circumstances beyond our control.

Mail:

AANS/CNS Section on Disorders of the Spine and Peripheral Nerves Annual Meeting
c/o Laser Registration
1200 G Street NW, Suite 800
Washington DC 20005-3967

- > Credit card or check only.
(no wire transfers)
- > Allow seven business days for a Registration Confirmation.
- > Checks must be drawn on a US bank in US dollars.
- > Checks will be processed electronically. If you do not want your check processed electronically, please choose a different payment method.

Make check payable to:

AANS/CNS Section on Disorders of the Spine and Peripheral Nerves Annual Meeting.

Registration Cancellation/Refunds

Requests for registration and housing cancellations must be made in writing and sent to:

AANS/CNS Section on Disorders of the Spine and Peripheral Nerves Annual Meeting
c/o Laser Registration
1200 G Street NW, Suite 800
Washington DC 20005-3967

Cancellation requests received by 5:00 PM EST on or before Monday, February 4, 2008 will receive a full refund minus a \$100 processing fee. There will be no refunds for cancellation requests received after 5:00 PM EST on Monday, February 4, 2008. No refunds will be given for no-shows.

Course and symposia tickets will be refunded in full until 5:00 PM EST on Monday, February 4, 2008. No refunds will be processed after this date.

Registration Information

AANS/CNS Section on Disorders of the Spine and Peripheral Nerves Annual Meeting registrations will not be processed without a valid credit card or check. Space in Special Courses and Luncheon Symposiums will not be reserved without payment.

Speaker Registration

Complimentary registration will not be provided for one-day speakers. All speakers must register at the applicable registration rate.

Spouse/Guest Registration

The Guest registration fee provides each individual with a ticket to the Opening Reception on Wednesday evening and the Cocktail Reception on Thursday evening. The fee also allows access to the Exhibit Hall, daily continental breakfasts with the medical registrants served from 6:30 – 7:45 AM. Advance registration is encouraged.

Child Registration

Although there is no registration fee, children under 18 years of age should register for the Annual Meeting to receive a badge. Children registration receives a ticket to the Opening Reception on Wednesday evening, daily continental

IMPORTANT DATES TO REMEMBER

November 5, 2007 – February 4, 2008.
Contact Laser Registration for any Housing questions: (866) 298 0802.

Friday, January 25, 2008, 5:00 PM EST
Advance Registration Discount and Housing Deadline.

Beginning Tuesday, February 5, 2008
any changes to hotel reservations must be made directly with Buena Vista Palace Hotel & Spa in the Walt Disney World® Resort.

Monday, February 4, 2008, 5:00 PM EST
Registration Cancellation Deadline.

breakfast served from 6:30 - 7:45 AM.
Children under the age of 18 are not allowed on the exhibit floor.

Americans with Disabilities Act/Special Needs and Requests

The AANS/CNS Section on Disorders of the Spine and Peripheral Nerves wishes to take those steps necessary to ensure that no individual with a disability is excluded, denied services, segregated or otherwise treated differently than other individuals because of the absence of auxiliary aids and services.

If you require any of the auxiliary aids or services identified in the Americans with Disabilities Act in order to attend any AANS/CNS Section on Disorders of the Spine and Peripheral Nerves programs, or have any special needs requests, such as food allergies, please contact the Meeting Services Department at: info@1cns.org or call (847) 240 2500. Please provide any requests to the Annual Meeting Office at least 30 days prior to the Annual Meeting to guarantee accommodation.

Questions

If you have questions, contact:

Laser Registration

By Phone: (866) 298 0802 – US and Canada
By Phone: (514) 228 3077 – International
E-mail: DSPN@Laser-Registration.com

HOUSING DEADLINE – FRIDAY, JANUARY 25, 2008, 5:00 PM EST.**Hotel Accommodations**

Heighten your Orlando experience at a Downtown Walt Disney World® resort that soars above the rest. Towering 27 stories above the world's favorite destination and across 27 beautifully landscaped acres, the Buena Vista Palace Hotel & Spa in the Walt Disney World® Resort raises the bar for exceptional quality and service in this sunny locale. Feel the magic the moment you arrive at our exclusive Walt Disney World® hotel.

You'll love their first-class amenities, outstanding accommodations, and alluring setting:

- > Newly renovated guest rooms and Lobby area.
- > Across the street from Downtown Disney®, featuring the Marketplace, Pleasure Island, and Downtown Disney's West Side.
- > 10,000-square-foot, European-style spa, providing more than 60 spa services, including massages, body treatments, and facials.
- > Exciting sports activities, including basketball courts, sand volleyball, lighted tennis courts, and children's playground.
- > Three heated pools, in a lush, landscaped setting.
- > Disney® transportation to all Disney® Theme Parks and water parks.
- > Sumptuous cuisine in six restaurants and lounges, including The Outback Restaurant™, specializing in fresh seafood and steak.
- > High-speed and wireless internet access, in all guest rooms and suites.
- > Just 20 minutes from downtown Orlando and the Orlando International Airport (MCO).
- > For additional information on the hotel, please visit www.buenavistapalace.com

Hotel Cancellations or Changes**Through January 25, 2008, 5:00 PM EST**

- > All changes and cancellations must be made through Laser Registration.
- > Rooms are not transferable.
- > Refunds for deposits will be issued by Laser Registration.

Beginning February 5, 2008

- > All changes and cancellations must be made directly with the hotel.

Should you not arrive on the scheduled day of your reservation, your room will become available for resale at 6:00 AM the following morning and the advance deposit will be retained by the hotel.

Hotel Cancellation Policy

Deposits are refundable only if hotel receives notification of cancellation at least 5 days prior to your scheduled arrival date.

TRANSPORTATION TO THE RESORT**Shuttle Service**

Mears Transportation provides shuttle service between Orlando International Airport (MCO) and the Buena Vista Palace Hotel & Spa in the Walt Disney World® Resort. Collect your luggage and go to the Mears Moto Shuttle service counter located on level 1 and 2 for assistance. Advance reservations are not necessary, but are recommended. Visit www.mearstransportation.com/index.htm to make your reservation today!

Car Service

Mears Transportation can also provide you with luxury sedan service. Advance reservations are not necessary, but are recommended. Visit www.mearstransportation.com/index.htm to make your reservation today!



Method of Payment

Business or Personal Check

Check # _____

Visa

Master Card

American Express

Credit Card Number

Expiration Date

Name (exactly as it appears on card)

Signature (I agree to pay according to the credit card issuer agreement)

Address

City/State/Zip Code

Payment Instructions

ONLINE – Visit www.spinesection.org and complete an online Advance Registration Form using a credit card for payment. The online registration form is the most immediate and secure method of registration.

MAIL – Please make check payable in US dollars and drawn on a US bank to:

AANS/CNS Section on Disorders of the Spine and Peripheral Nerves
Mail to: c/o Laser Registration
1200 G Street NW, Suite 800
Washington DC 20005-3967

Checks for registration and hotel reservation must be separate. Checks will be processed electronically. If you do not want your check processed electronically, please choose a different payment method.

FAX – If you are paying by credit card, fax this form to US (866) 805 5721 or International (514) 228 3162.

REGISTRATION CANCELLATION/REFUNDS

Requests for registration cancellation must be made in writing and sent to:

AANS/CNS Section on Disorders of the Spine and Peripheral Nerves Annual Meeting
c/o Laser Registration
1200 G Street NW, Suite 800
Washington DC 20005-3967

Cancellation requests received by 5:00 PM EST on or before Monday, February 4, 2008 will receive a full refund minus a \$100 processing fee. There will be no refunds for cancellation requests received after 5:00 PM EST on Monday, February 4, 2008. No refunds will be given for no-shows.

Course and symposia tickets will be refunded in full until 5:00 PM EST on Monday, February 4, 2008. No refunds will be processed after this date.

Medical Registrant's Full Name (please print)

Special Courses and Luncheon Symposium

Special Courses and Luncheon Symposium titles are subject to change.

Special Course I - Spinal Coding Update and Review

Wednesday, February 27 1:30 – 5:30 PM Medical Registrant \$200 (020S) \$ _____
(Includes Lunch)

Special Course II - Spine and Nerve Oral Board and Recertification Review

Wednesday, February 27 1:30 – 5:30 PM Medical Registrant \$200 (021S) \$ _____
(Includes Lunch)

Special Course III - Learning Adult Spinal Deformity Surgery: Principles and Techniques

Wednesday, February 27 1:30 – 5:30 PM Medical Registrant \$200 (022S) \$ _____
(Includes Lunch)

Special Course IV - Advances in the Treatment of Thoracic and Lumbar Spine Trauma

Wednesday, February 27 1:30 – 5:30 PM Medical Registrant \$200 (023S) \$ _____
(Includes Lunch)

Special Course V - Advances in Minimally Invasive and Outpatient Spine Surgery

Wednesday, February 27 1:30 – 5:30 PM Medical Registrant \$200 (024S) \$ _____
(Includes Lunch)

Special Course VI - Evaluation and Management of the Spine Trauma Patient

Special Course for Nurses, Nurse Practitioners and Physicians Assistants

Wednesday, February 27 1:30 – 5:30 PM Medical Registrant \$110 (025S) \$ _____
(Includes Lunch)

Special Course VII - Peripheral Nerve Exposures and Nerve Repair Techniques

Friday, February 29 1:30 – 5:30 PM Resident/Fellow \$0 (025R) \$ _____
(Includes Lunch)
 Medical Registrant \$200 (026S) \$ _____
(Includes Lunch)

Special Course VIII - Evaluation and Management of the Post-Operative Spine Patient

Special Course for Nurses, Nurse Practitioners and Physicians Assistants

Friday, February 29 1:30 – 5:30 PM Medical Registrant \$110 (027S) \$ _____
(Includes Lunch)

Luncheon Symposium I - Revision Spine Surgery and Complication Avoidance

Friday, February 29 12:30 – 2:30 PM Medical Registrant \$200 (026S) \$ _____
(Includes Lunch)

Luncheon Symposium II - Evolution of Minimally Invasive Spine Surgery Techniques

Friday, February 29 12:30 – 2:30 PM Medical Registrant \$200 (023S) \$ _____
(Includes Lunch)

Luncheon Symposium III - Treatment of Primary and Metastatic Spine Tumors

Friday, February 29 12:30 – 2:30 PM Medical Registrant \$200 (024S) \$ _____
(Includes Lunch)

Subtotal for Special Courses/Luncheon Symposium Section \$ _____

Social Event

Reception with Exhibitors

Thursday, February 28, 2008, 5:30 – 7:00 PM _____ @ \$100 (042S) \$ _____

Note: One (1) ticket is included in the registration fee for each medical registrant and spouse/guest. Use this to order additional tickets. Children under the age of 18 are not allowed on the exhibit floor.

Subtotal for Social Event Section \$ _____

GRAND TOTAL \$ _____

Payment Instructions

ONLINE – Visit www.spinesection.org and complete using a credit card for payment. The online registration and housing form is the most immediate and secure method of registration, and housing reservation.

MAIL – Please make check payable in US dollars and drawn on a US Bank to AANS/CNS Laser Registration- Housing and Travel Services. Checks for registration and hotel reservation must be separate. Mail to:

AANS/CNS Section on Disorders of the Spine and Peripheral Nerves
c/o Laser Registration
1200 G Street NW, Suite 800
Washington DC 20005-3967

FAX – If you are paying by credit card, fax this form to (US) (866) 805 5721 or (International) (514) 228 3162 and mail to:

Hotel Cancellations or Changes

Through January 25, 2008, 5:00 PM EST

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- > Rooms are not transferable.
- > Refunds for deposits will be issued by Laser Registration.

Beginning February 5, 2008

- > All changes and cancellations must be made directly with the hotel.

Should you not arrive on the scheduled day of your reservation, your room will become available for resale at 6:00 AM the following morning and the advance deposit will be retained by the hotel.

Hotel Cancellation Policy

Deposits are refundable only if hotel receives notification of cancellation at least 5 days prior to your scheduled arrival date.

Important Housing Information

Support the AANS/CNS Section on Disorders of the Spine and Peripheral Nerves by booking your hotel room for the Annual Meeting by one of the methods listed on the housing form. In order to obtain the necessary meeting and exhibit space at the hotel, the AANS/CNS Section on Disorders of the Spine and Peripheral Nerves must commit to a minimum number of guest rooms. If that commitment is not fulfilled, the Section will incur significant financial penalties and have difficulty obtaining sufficient meeting space in the future. Unfortunately, this can have a major impact on the member services and programs that the Section is able to offer in the future. We appreciate your commitment to the Section by staying at the Official Meeting Hotel.

HOUSING DEADLINE: FRIDAY, JANUARY 25, 2008

All hotel reservations must be accompanied by the first night's room and tax in order to confirm your accommodations. At check-in, a credit card or cash deposit is required for final payment.

First Name	Last Name
Address	
City	
State	Zip Code
Phone (Business)	(Home)
Fax	
E-mail Address	

I will be sharing this room with another attendee (non-family).

Reservation Information

Accommodation and Rates (check accommodation type)

Standard Guest Room \$229 Single/Double* \$249 Triple* \$269 Quad*
For Suite availability, please contact Laser Registration at
(866) 298-0802 or (514) 228-3077 or E-mail dspn@laser-registration.com.

* Above rates include resort fee and are subject to 12.5% state and local taxes per night. A portion of the room rate will be utilized to cover the cost of registration and housing services. These special rates are only available until the January 25, 2008 cut-off date. The AANS/CNS Section on Disorders of the Spine and Peripheral Nerves cannot guarantee the availability of this rate after the cut-off date. Check-in time is 4:00 PM; check-out time 11:00 AM. Rates are effective (3) days prior to and (3) days after the official meeting dates of February 27 - March 1, 2008. Confirmation for dates other than official meeting dates made prior to the cut-off date will be based on availability.

Buena Vista Palace Hotel & Spa in the Walt Disney World® Resort will make every effort to honor specific requests for location, non-smoking rooms, etc.; however, they reserve the right to provide alternative accommodations when necessary.

Special Requests

 (check all that apply)

<input type="checkbox"/> Non-smoking Room	<input type="checkbox"/> Smoking Room	<input type="checkbox"/> Handicap Accessible Room
<input type="checkbox"/> One King Bed	<input type="checkbox"/> Two Double Beds	<input type="checkbox"/> Other _____
Arrival Date/Time: _____		Departure Date/Time: _____
Number of Rooms Needed: _____		Number of People in Party: _____

Method of Payment

A deposit of one night's room and tax charges is required. Payment can be made by check, money order, or credit card. If paying by check, please make check payable and mail to:

**AANS/CNS Section on Disorders of the Spine and Peripheral Nerves Annual Meeting
c/o Laser Registration
1200 G Street NW, Suite 800
Washington DC 20005-3967**

Business or Personal Check Check # _____

* Checks will be processed electronically. If you do not wish to have your check processed electronically, please choose a different payment method.

VISA MasterCard American Express

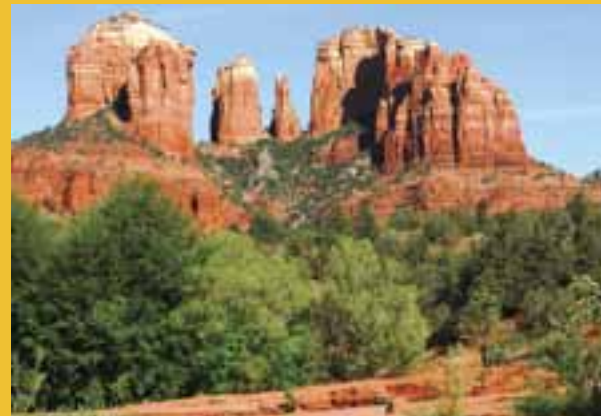
Credit Card Number	Expiration Date
Name (exactly as it appears on card)	
Signature (I agree to pay according to the credit card issuer agreement)	
Address	
City/State/Zip Code	

SAVE THE DATE!

Phoenix 2009

25th Annual Meeting of
the AANS/CNS Section
on Disorders of the

Spine and Peripheral Nerves



March 11 - March 14, 2009

JW Marriott Desert Ridge Resort & Spa
Phoenix, Arizona

Thank you to our 2008 Annual Meeting Sponsors:

Power of “Networking” Ambassador – Stryker
Neurosurgical “Leadership” Partner – Medtronic
“Resident” Education Partner – DePuy Spine, a Johnson & Johnson Company
“Future of Neurosurgery” Partner – Synthes Spine, Inc.

Supporters:

Anulex Technologies, Inc. – ArthroCare – Integra – Kyphon Inc. – NuVasive –
Osteotech, Inc. – Spinal Elements – TranS1

Future Meeting Dates:

2010: Orlando, Florida March 9 – March 14



American
Association of
Neurological
Surgeons



AANS/CNS Section on Disorders of
the Spine and Peripheral Nerves
10 N. Martingale Road, Suite 190
Schaumburg, IL 60173-2294