

26th ANNUAL MEETING of the AANS/CNS SECTION on

DISORDERS OF THE SPINE AND PERIPHERAL NERVES

Staying Ahead of the Curve: Succeeding in Changing Times

Advance
Registration Deadline –
Monday, January 11, 2010
Don't wait!
Register online today at www.spinesection.org

FEBRUARY 17–20, 2010

Rosen Shingle Creek – Orlando, Florida



American
Association of
Neurological
Surgeons

and the American Association of Neurosurgeons



Education and Innovation



Welcome to the Taiwan Neurospinal Society,
2010 International Society Partner

PRELIMINARY PROGRAM

Advance Registration Deadline – Monday, January 11, 2010

MEETING HIGHLIGHTS

- ▶ Obtain up to 18.75 credits in Category 1 CME credit towards the AMA Physician's Recognition Award (PRA). An additional 8 credits are available through optional programming.
- ▶ Choice of nine Special Courses, including two Special Courses for Nurses, Nurse Practitioners and Physician Extenders.
- ▶ Five 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 200 Oral Platform, Oral Poster and Digital Poster Abstracts.
- ▶ Honored Guest and Meritorious Award Recipient – Regis W. Haid, MD.

MEETING PURPOSE

The purpose of the 2010 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 extenders 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 presenting 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 2010 Annual Meeting, February 17–20, at the Rosen Shingle Creek Hotel in Orlando, Florida. This year's meeting promises to deliver valuable education on timely topics as we explore the theme: *Staying Ahead of the Curve: Succeeding in Changing Times*.

Our Scientific Sessions explore the future of spinal surgery, offering unique perspectives on how the technological and regulatory developments of today will affect our specialty in the years ahead. We'll also address how we can work together to advance spinal surgery in the face of these many changes. We have lined up an outstanding faculty of experts from across the US and around the globe and hope you'll join us each morning for these engaging sessions.

Nine 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 extenders. Five Luncheon Symposia are also available on Friday afternoon. These courses cover topics ranging from complication avoidance to treatment of spine tumors.

This high-impact Scientific Program will be set amidst the luxurious Rosen Shingle Creek Hotel. Nestled on a 230-acre site along Shingle Creek, the headwaters of the Florida Everglades, the Rosen Shingle Creek offers a host of amenities and services for you and your family to enjoy during your stay including a 13,000-square-foot, full-service spa, a state-of-the-art Fitness Center, an 18-hole, par 72 championship golf course, ten restaurant and lounge options, four outdoor swimming pools, two tennis courts, basketball courts, nature and jogging trails, seasonal fishing, a sand volleyball court and more. You'll also find everything from Universal Orlando® Resort, SeaWorld® Adventure Park and Walt Disney World® to a variety of other Orlando, Florida attractions nearby.

Join us for an outstanding educational program and exciting exhibition highlighting the latest neurosurgical products, and enjoy all the tranquility that awaits you at the Rosen Shingle Creek. We look forward to seeing you in Orlando!

Sincerely,



Christopher I. Shaffrey, MD
Chairperson



Paul G. Matz, MD
Annual Meeting Chairperson



Praveen V. Mummaneni, MD
Scientific Program Chairperson

Dates to Remember

JANUARY 11

▶ Advance Registration Discount and Housing Deadline.

JANUARY 16

▶ Any changes to hotel reservations must be made directly with the Rosen Shingle Creek from this date forward.

JANUARY 25

Cancellation Deadline

- ▶ \$100 processing fee will be charged for written cancellations received by this date.
- ▶ Registration, Special Course, Symposia and Event tickets will be refunded in full until this date.
- ▶ No refunds given after this date.

WHO SHOULD ATTEND

Educational sessions are geared toward neurosurgeons, orthopedic surgeons, spine care specialists, fellows, residents, physician assistants/physician extenders, and nurse clinicians, and are applicable to the practice of spine and peripheral nerve surgery.

Preliminary Program At-a-Glance

WEDNESDAY, FEBRUARY 17, 2010

8:00 AM – 6:00 PM
Registration

1:30 – 5:30 PM
Special Courses I – VII

6:00 – 8:00 PM
Opening Reception

THURSDAY, FEBRUARY 18, 2010

6:00 AM – 6:00 PM
Registration

6:30 – 7:00 AM
Case Presentations and
Continental Breakfast

7:00 AM – 12:30 PM
Scientific Session I

9:00 AM – 7:00 PM
Exhibit Hall Open and Poster
Viewing

9:30 – 10:15 AM
**Beverage Break and *What's New*
Sessions**

10:15 AM – 12:30 PM
Oral Platform Presentations I

12:30 – 1:25 PM
**Lunch and *What's New*
Sessions**

1:25 – 5:15 PM
Scientific Session II

3:00 – 3:45 PM
**Beverage Break and *What's New*
Sessions**

3:45 – 5:15 PM
Oral Poster Presentations I & II

5:15 – 6:45 PM
Reception in the Exhibit Hall

FRIDAY, FEBRUARY 19, 2010

6:00 AM – 5:00 PM
Registration

6:30 – 7:00 AM
Case Presentations and
Continental Breakfast

7:00 AM – 12:15 PM
Scientific Session III

9:00 AM – 12:00 Noon
Exhibit Hall Open and Poster
Viewing

9:30 – 10:15 AM
**Beverage Break and *What's New*
Sessions**

10:15 AM – 12:15 PM
Oral Platform Presentations II

12:15 – 12:30 PM
Annual Business Meeting

12:30 – 2:30 PM
Luncheon Symposium I – V

1:30 – 5:30 PM
Special Course VIII & IX

SATURDAY, FEBRUARY 20, 2010

6:00 AM – 12:30 PM
Registration

6:30 – 7:00 AM
Case Presentations and
Continental Breakfast

7:00 – 8:30 AM
Oral Posters III & IV

8:30 – 9:50 AM
David Cahill Memorial
Controversies Sessions

9:00 AM – 12:00 Noon
Exhibit Hall Open and Poster
Viewing

9:50 – 10:35 AM
**Beverage Break and *What's New*
Sessions**

10:35 – 12:05 PM
Scientific Session IV

12:05 – 12:30 PM
Mayfield Awards

*Hours and schedule are subject to change.

Attention Orthopedic Surgeons:

Register for the 2010 Annual Meeting and receive a complimentary one-year Adjunct Membership!

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

WEDNESDAY, FEBRUARY 17

1:30 – 5:30 PM Special Course I – Coding Update and Review

Additional \$200 for medical registrants. Includes lunch.

Directors: William Mitchell, Joseph S. Cheng
Faculty: Domagoj Coric, John J. Knightly, Peter D. Angevine, Karin R. Swartz, R. Patrick Jacob, Robert R. Johnson

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 – Masters in Spinal Surgery: What Has Experience Taught Me?

Additional \$200 for medical registrants. Includes lunch.

Directors: Regis W. Haid, Jr., Kevin T. Foley
Faculty: Richard G. Fessler, Vincent C. Traynelis, Christopher I. Shaffrey, Volker K.H. Sonntag

Course Description: This course will discuss the evolution in diagnosis and treatment of spinal disorders and surgery from the perspective of those that have extensively contributed to that evolution. Attendees will serve to gain wisdom through historical knowledge and experiential narration.

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

- ▶ Discuss the evolution of spinal surgery principles and techniques.
- ▶ Describe the treatment algorithms learned via durable experience and outcomes analysis.

1:30 – 5:30 PM Special Course III – Spinal Deformity (co-sponsored by the Scoliosis Research Society)

Additional \$200 for medical registrants. Includes lunch.

Directors: Christopher I. Shaffrey, Steven D. Glassman
Faculty: Lawrence Lenke, David W. Polly, Jr., Robert F. Heary, Peter D. Angevine, Tyler Koski, Sigurd Berven, Praveen V. Mummaneni, Frank LaMarca

Course Description: This course will discuss adult spinal deformity with a focus on the evaluation, classification, and treatment options available to this patient population. Non-surgical management options will be noted but emphasis will be placed on surgical correction principles and techniques. Complication management and operative outcomes will be emphasized.

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

- ▶ Discuss the evaluation and classification of adult spinal deformity.
- ▶ Identify the various treatment indications and options for adult spinal deformity.
- ▶ Describe the unique complication avoidance strategies employed during spinal deformity surgery.

1:30 – 5:30 PM Special Course IV – Advanced MIS Techniques/Managing MIS Complications

Additional \$200 for medical registrants. Includes lunch.

Directors: Michael Y. Wang, Langston T. Holly
Faculty: Adam S. Kanter, Justin S. Smith, Paul Park, Daniel J. Hoh

Course Description: This course will discuss contemporary data and experience through MIS case-based, interactive, didactic presentations. Faculty will discuss their evaluation and treatment algorithms regarding minimally invasive vs. open surgical options to maximize complication avoidance. Focus will be given to cases initially treated minimally invasively with immediate or subsequent necessity for open conversion.

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

- ▶ Discuss the indications for minimally invasive spinal surgery.
- ▶ List the techniques available for minimally invasive surgery.
- ▶ Describe strategies for complication avoidance.

1:30 – 5:30 PM Special Course V – Management of Perioperative Pain Issues

Special Course for Nurses, Nurse Practitioners and Physician Extenders. Additional \$110 for medical registrants. Includes lunch.

Directors: Michael P. Steinmetz, Andrea L. Strayer, MSN, CNRN, ACNP
Faculty: Sanjay S. Dhall, Fran Feldkamp, PA, Krista Mousted, NP, Andrew C. Roeser, Luis M. Tumialan

Course Description: This course will discuss perioperative pain issues with emphasis on up-to-date practical bedside and outpatient management strategies, with a target audience of nurses, nurse practitioners and physician extenders. Expert practice nurses, physician assistants, and neurosurgeon faculty will explore the challenges of caring for our increasingly complex patient population.

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

- ▶ Discuss general postoperative pain issues following spinal surgery.
- ▶ Analyze the indications for postoperative diagnostic studies in patients with extraordinary pain issues following spinal surgery.
- ▶ Review care considerations for postoperative pain remote from the surgical site (e.g., voiding difficulties, constipation, etc.).

Physician attendees will not be awarded CME credit for this course. Nursing contact hours may 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/physician extenders will need to contact their individual membership association and certification board to determine the requirements for accepting credits. All attendees will receive a confirmation of attendance.

1:30 – 5:30 PM Special Course VI – Pediatric Craniocervical

Additional \$200 for medical registrants. Includes lunch.

Directors: Douglas L. Brockmeyer, Francesco T. Mangano
Faculty: Pediatric Symposia
Course Description: This course will serve as a symposium for those with an interest in pediatric craniocervical abnormalities and disease. It seeks to examine issues related to management of pediatric craniocervical disease including surgical and non-surgical treatment, complication management, and disease pathophysiology.

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

- ▶ Discuss appropriate management of complex pediatric craniospinal disorders.
- ▶ Discuss appropriate research strategies to further the care of patients with craniospinal disorders.
- ▶ Understand the mechanism involved in the pathophysiology and progression of pediatric craniocervical disease.

1:30 – 5:30 PM

Special Course VII – Update on Spinal Surgery in Taiwan and the Far East

Complimentary for members of the Taiwan Neurospinal Society and residents and fellows! Additional \$200 for medical registrants. Includes lunch.

Directors: Henrich Cheng, MD, PhD, Robert Yung-Hsiao Chiang, MD

Faculty: Cheng-Kuei Chang, Chen-Fu, Chang, Chih-Ju Chang, Tzu-Yung Chen, Sheng-Huang Hsiao, Wen-Chen Huang, Sen-Li Jen, Dar-Ming Lai, Hsu-Tung Lee, Ming-Yang Lee, Jia-Wei Lin, Tai-Ngar Lui, Hsin-I Ma, Shih-Huang Tai, Ham-Min Tseng, Chao-Jan Wang, Jau-Ching Wu, Dar-Yu Yang, Lin-Hsue Yang

Course Description: This course will discuss the evolution in diagnosis and treatment of spinal disorders and surgery in the Far East from the perspective of leading Taiwanese spinal surgeons. Attendants will gain wisdom through case discussions.

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

- ▶ Discuss the evolution of spinal surgery principles and techniques in the Far East.
- ▶ Describe treatment algorithms for cervical stenosis learned via durable experience and outcomes analysis.

6:00 – 8:00 PM

Opening Reception

Take in spectacular views of the cypress trees and manicured lawns while enjoying a wonderful array of food and refreshments as you network with old friends and new colleagues at the Opening Reception. The reception will be held at the Rosen Shingle Creek Hotel. Each medical attendee and spouse/guest registered for the meeting will receive one complimentary ticket. Resort casual attire is recommended for this event.



THURSDAY, FEBRUARY 18

6:30 – 6:55 AM

Case Presentations

Moderators: Eve C. Tsai, Charles A. Sansur

6:55 – 7:00 AM

Introductory Remarks and Meeting Announcements

Paul G. Matz

7:00 AM – 12:30 PM

Scientific Session I – Spinal Surgery Ahead of the Curve (New Technology and Techniques)

Moderators: Praveen V. Mummaneni, Paul G. Matz

Session Description: This Scientific Session will critically review newly introduced surgical technologies and techniques via analysis of randomized controlled trials and IDE studies in reference to practical clinical implications. Currently available technologies and rapidly evolving experimental techniques will be discussed including the evolution of motion preservation and minimally invasive surgical practices.

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

- ▶ List the results of new randomized controlled clinical trials.
- ▶ Describe how those clinical trials will affect similar patients seen in the practitioner's clinical practice.
- ▶ Discuss new treatments and technologies with attention to motion preservation and minimally invasive surgical techniques.

7:00 AM

Looking Ahead in Peripheral Nerve Surgery

Lynda J-S. Yang

7:15 AM

Looking Ahead in Spinal Cord Repair

Michael G. Fehlings

7:30 AM

Looking Ahead in MIS Surgery

Michael Y. Wang

7:45 AM

Looking Ahead in Degenerative Disc Disease

Domagoj Coric

8:00 AM

Looking Ahead in Extradural Spinal Oncology

Ziya L. Gokaslan

8:15 AM

Looking Ahead in Intradural Spinal Oncology

Paul C. McCormick

8:30 AM

Looking Ahead in Spinal Deformity Surgery

Lawrence Lenke

8:45 AM

Introduction of Section Chairman

Praveen V. Mummaneni

8:50 AM

Presidential Address – Spine Surgery: A Bright Future in the Era of Comparative Effectiveness

Christopher I. Shaffrey

9:05 AM

Introduction of Meritorious Award Winner

Mark R. McLaughlin

9:10 AM

Meritorious Award Presentation – There is Always a Curve ... How to “Be Successful”

Regis W. Haid, Jr.

9:30 – 10:15 AM

Beverage Break with Exhibitors

What's New Session I

Moderator: Dean Chou

10:15 AM – 12:30 PM

Oral Platform Presentations I

Moderators: Justin S. Smith, Michael W. Groff

Discussants: Daniel K. Resnick, Gregory R. Trost, Christopher E. Wolfla, Michael W. Groff, Eric L. Zager, Joseph T. Alexander, Mark R. McLaughlin, R. John Hurlbert

12:30 – 1:25 PM

Lunch with Exhibitors

What's New Session II

Moderators: Nirav K. Shah,

Michael P. Steinmetz

1:25 – 1:30 PM

Meeting Announcements

1:25 – 3:00 PM

Scientific Session II – Spinal Surgery Complication Avoidance and Management

Moderators: Andrew T. Dailey,

Robert F. Heary

Session Description: This course will address the complications encountered in a case based format with attention to management techniques and learned avoidance strategies. Cases will specifically address complications

encountered during minimally invasive procedures, anterior approach fusions, intraoperative spinal cord injuries, junctional kyphosis, and postoperative infections.

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

- ▶ Identify risk factors associated with spinal surgery complications.
- ▶ Discuss intra- and post-operative management strategies following spinal cord injuries.
- ▶ Identify a practical treatment algorithm for managing postoperative osteomyelitis.
- ▶ Recognize postoperative instability/deformity such as fusion failures and junctional kyphosis.

1:30 PM

Complication Avoidance and Management in Minimally Invasive Spine Surgery Case

Adam S. Kanter, Richard G. Fessler

1:40 PM

Complication Avoidance and Management with Multilevel ALIF Case

Brian R. Subach, David W. Polly, Jr.

1:50 PM

Complication Avoidance and Management with Global Balance Postop Case

Peter D. Angevine, Charles Kuntz, IV

2:00 PM

Complication Avoidance and Management with Intraop Spinal Cord Injury Case

David O. Okonkwo, Michael G. Fehlings

2:10 PM

Complication Avoidance and Management with Proximal Junctional Kyphosis Case

Frank LaMarca, Steven D. Glassman

2:20 PM

Complication Avoidance and Management with Spinal Trauma Case

Sanjay S. Dhall, James S. Harrop

2:30 PM

Complication Avoidance and Management with Postoperative Osteomyelitis Case

Dean Chou, Gerald E. Rodts, Jr.

3:00 – 3:45 PM

Beverage Break with Exhibitors

What's New Session III

Moderators: Sanjay S. Dhall, Andrew C. Roeser

3:45 – 5:15 PM

Oral Posters I (Concurrent Session)

Moderators: David O. Okonkwo, Adam S. Kanter

Oral Posters II (Concurrent Session)

Moderators: Eve C. Tsai, Daniel M. Sciubba

5:15 – 6:45 PM

Reception with the Exhibitors

FRIDAY, FEBRUARY 19

6:30 – 6:55 AM

Case Presentations

Moderators: Laurence D. Rhines, Darryl R. Fourney

6:55 – 7:00 AM

Meeting Announcements

7:00 – 8:00 AM

Scientific Session III – Government and Societal Influences on Spinal Surgery

Moderators: Christopher E. Wolfa, Michael K. Rosner

Session Description: This Scientific Session will critically review the socioeconomic impact of spinal surgery by examining a variety of domestic and international healthcare reimbursement systems. It will further evaluate the comparative effectiveness of spinal research, resident training, and the influence of industrial sponsorship. Additionally, the Washington Report on spinal surgery will be discussed.

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

- ▶ Discuss the socioeconomic impact of spinal surgery on society.
- ▶ Evaluate the influence of industrial sponsorship in spine surgery.
- ▶ Discuss the various approaches to healthcare reimbursement and medical liability.
- ▶ Discuss spinal surgery resident training and the impact of recent work hour restrictions.

7:00 AM

The Changing Landscape of Reimbursement

Joseph S. Cheng

7:15 AM

Comparative Effectiveness Research

Philip R. Weinstein

7:30 AM

Managing Relationships with Industry

Daniel K. Resnick

7:45 AM

Questions

8:00 AM

The State of Medical Liability Reform: Success and Challenges for the Future

Katie O. Orrico

8:15 AM

Washington Report on Spinal Surgery: What Does the Future Hold?

Troy M. Tippet

8:30 AM

An International Comparison of Health Care Systems, Payment and Cost Control

James R. Bean

8:45 AM

Questions

9:00 AM

Fellowship Awards and Updates

Marjorie C. Wang, Peter C. Gerszten

9:30 – 10:15 AM

Beverage Break with Exhibitors

What's New Session IV

Moderators: Nirav K. Shah, Harel Deutsch

10:15 AM – 12:15 PM

Oral Platform Presentations II

Moderators: Gregory R. Trost, Eric J. Woodard
Discussants: Paul G. Matz, John J. Knightly, Paul C. McCormick, Zoher Ghogawala, Robert F. Heary, Gerald E. Rodts, Jr., J. Patrick Johnson, Charles L. Branch, Jr.

12:15 – 12:30 PM

Annual Business Meeting

Christopher I. Shaffrey

12:30 PM

Lunch on your own

12:30 – 2:30 PM

Luncheon Symposium I – Revision Spine Surgery

Additional \$200 for medical registrants. Includes lunch.

Directors: Iain H. Kalfas, Michael W. Groff

Faculty: Timothy Ryken, David O. Okonkwo

Course Description: This course will provide state-of-the-art information on complication avoidance during revision spine surgery. Faculty will review their clinical experience and lessons learned via interactive case discussions.

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

- ▶ Explain the management issues unique to revision surgery.
- ▶ List the common reasons for spinal

instrumentation failure.

- ▶ Discuss the management of recurrent spinal conditions such as restonosis and reherniation.
- ▶ Identify strategies for the management of postoperative deformity and adjacent segment failure.

**12:30 – 2:30 PM
Luncheon Symposium II –
Neurosurgeon as CEO: Business
Aspects of Spinal Surgery**

Additional \$200 for medical registrants.
Includes lunch.

Directors: John J. Knightly, Domagoj Coric
Faculty: Mark R. McLaughlin, Robert F. Heary
Course Description: This course will examine neurosurgery from the philosophy of the small business operation. It will review the basics of revenue generation, transactions with third-party payors, marketing, and operations including management of expenses and personnel.

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

- ▶ Understand the mechanisms of revenue generation as well as critically examine future scenarios to change in revenue generation.
- ▶ Critically examine operations including costs, personnel and efficiency.
- ▶ Discuss different management paradigms for small business.

**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: Dean Chou, Daryl R. Fourney, Christopher P. Ames, Jean-Paul Wolinsky, Laurence D. Rhines

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 this 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.

**12:30 – 2:30 PM
Luncheon Symposium IV – Geriatric
Spine**

Additional \$200 for medical registrants.
Includes lunch.

Directors: Gregory R. Trost, James S. Harrop
Faculty: Shaun T. O’Leary, Michael P. Steinmetz, Edward C. Benzel, Tyler Koski, Srinivas Prasad, Daniel M. Sciubba
Course Description: This course will review degenerative disease from the perspective of the aging spine. It will examine basic spinal pathology and determine what effects these processes will have in regards to surgical and non-surgical management in the elderly, as well as their societal and economic impact.

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

- ▶ Describe the complexities when dealing with geriatric patients with spinal disorders, specifically focusing on osteoporosis, odontoid fractures, and traumatic central cord injuries.
- ▶ Determine how diseases of the aging shift treatment protocols and the modification that may be employed for the surgical and non-surgical management of the aging spine.

**12:30 – 2:30 PM
Luncheon Symposium V – Spinal
Arthroplasty**

Additional \$200 for medical registrants.
Includes lunch.

Directors: Regis W. Haid, Jr., Praveen V. Mummaneni
Faculty: Vincent C. Traynelis, Domagoj Coric, Brian Subach, Richard G. Fessler
Course Description: This course will examine the indications and contraindications of Cervical and Lumbar Arthroplasty via the scrutiny of IDE studies and personal experience. Complications and revision strategies will be examined. A comparison between arthroplasty and arthrodesis will be elucidated.

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

- ▶ Describe the indications and contraindications for arthroplasty.
- ▶ Discuss the associated complications and management strategies for them.

**1:30 – 5:30 PM
Special Course VIII – 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: Lynda J-S. Yang, Eric L. Zager, W. Jeffrey Elias, Marie-Nöelle Hébert-Blouin, Rajiv Midha, Line Jacques

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 IX – Evaluation and
Management of the Spine Trauma
Patient**

Special Course for Nurses, Nurse Practitioners and Physician Extenders.
Additional \$110 for medical registrants.
Includes lunch.

Directors: Mark E. Shaffrey, Andrea L. Strayer, MSN, CNRN, ACNP
Faculty: Adam S. Kanter, Eve C. Tsai, Sanjay S. Dhall, Charles A. Sansur, Justin S. Smith, David O. Okonkwo, Connie Rios, NP

Course Description: This course will provide practical, current didactic information on spine trauma with particular emphasis on update on medical therapies and intensive care after a complete injury; radiographic interpretation and classification schemes of cervical as well as thoracolumbar fractures. Interactive case presentations will illustrate treatment and care considerations. Expert faculty will explore the challenges of caring for this complex patient population.

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

- ▶ Analyze current evidence regarding steroid therapy and hypothermia after SCI.
- ▶ Describe radiographic evaluation following spinal trauma and classification of fracture types.
- ▶ Describe radiographic evidence as well as care considerations for facet fractures, ligamentous injury, and upper cervical spine including odontoid fractures.
- ▶ Discuss ICU care considerations following a complete SCI.

Physician attendees will not be awarded CME credit for this course. Nursing contact hours may 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/physician extenders will need to contact their individual membership association and certification board to determine the requirements for accepting credits. All attendees will receive a confirmation of attendance.

SATURDAY, FEBRUARY 20

6:30 – 6:55 AM

Case Presentations

Moderators: Shaun T. O’Leary, Peter D. Angevine

6:55 – 7:00 AM

Meeting Announcements

Paul G. Matz

7:00 – 8:30 AM

Oral Posters III (Concurrent Session)

Moderators: Justin S. Smith, William E. Krauss

Oral Posters IV (Concurrent Session)

Moderators: Charles A. Sansur, Andrew C. Roeser

8:30 – 9:50 AM

David Cahill Memorial Controversies Session – Spine and Peripheral Nerves

Moderators: Praveen V. Mummaneni, Charles Kuntz, IV

Session Description: This Scientific Session will involve a debate presentation format. Controversial clinical management decisions will be presented. Experts will argue their perspectives with regard to the management scenarios for difficult spine and peripheral nerve cases.

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

- ▶ Discuss the treatment options for patients with solitary renal cell metastasis and spinal cord compression.
- ▶ List the risks and benefits associated with

early vs. late decompression of central cord injuries.

- ▶ Describe the utility of lumbar disc fragmentectomy vs. aggressive discectomy.
- ▶ Discuss degenerative spondylolisthesis and the controversy associated with interbody vs. posterolateral fusion techniques.

8:30 AM

En Bloc Resection vs. Radiosurgery for Solitary Renal Cell Metastasis with Cord Compression

Faculty: Ziya L. Gokaslan vs. Peter C. Gerszten

8:50 AM

Early vs. Late Decompression for Central Cord Injury

Faculty: Michael G. Fehlings vs. James S. Harrop

9:10 AM

Lumbar Disc: Fragmentectomy vs. Aggressive Discectomy

Faculty: Michael Y. Wang vs. John A. Jane, Sr.

9:30 AM

Degenerative Spondylolisthesis: Interbody vs. Instrumented Posterolateral Fusion

Faculty: Regis W. Haid, Jr. vs. Edward C. Benzel

9:50 – 10:35 AM

Beverage Break with Exhibitors

What’s New Session V

Moderators: Alfred T. Ogden, Frank LaMarca

10:35 AM – 12:05 PM

Scientific Session IV – Training in Neurosurgery

Moderators: Edward C. Benzel, Mark E. Shaffrey

Session Description: This Scientific Session will critically compare residency and spinal fellowship training in Taiwan and the Far East to that of the United States. Furthermore, it will review changes occurring in neurosurgery training in the United States as a consequence of work hour restrictions and increased sub-specialization. Finally, issues related to US neurosurgery examinations and recertifications will be addressed.

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

- ▶ Discuss changes to neurosurgery residency training in the setting of work hour restrictions.

- ▶ Evaluate differences between neurosurgical training in Taiwan and the United States.
- ▶ Discuss US Neurosurgery board certification and recertification issues.

10:35 AM

Neurosurgery Residency Training in Taiwan and the Far East

Henrich Cheng

10:55 AM

Spinal Fellowship Training in Taiwan and the Far East

Robert Chiang

11:15 AM

Neurosurgery Residency and Fellowship Training in the US

Paul McCormick

11:35 AM

Neurosurgery Oral Board Examination and MOC Recertification – Keys to Success

Charles L. Branch, Jr.

11:55 AM

Questions

12:05 – 12:30 PM

Mayfield Awards/Presentations

Moderators: Adam S. Kanter, Peter C. Gerszten

Social Events and General Information

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 the Congress of Neurological Surgeons 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.

US Physicians: The CNS designates this educational activity for a maximum of 26.75 *AMA PRA Category 1 Credits™*. Physicians should only claim credit commensurate with the extent of their participation in the activity.

The same number of category 1 credits awarded will be applied toward the Continuing Education Award in Neurosurgery.

*A maximum of 18.75 *AMA PRA Category 1 Credits™* may be earned for Scientific Sessions only.

Physician Assistant/Physician Extender: Attendee will receive credits for attendance at the general Scientific Program and for any optional events attended. Each physician assistant/physician extender should 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.

Additional CME Credits can be earned by attending the following:
Special Courses

Attendees will receive a maximum of four (4) *AMA PRA Category 1 Credits™* for each eligible half-day Special Course. Physicians should only claim credit commensurate with the extent of their participation in the activity.

Luncheon Symposium

Attendees will receive a maximum of two (2) *AMA PRA Category 1 Credits™* for each eligible Luncheon Symposium. Physicians should only claim credit commensurate with the extent of their participation in the activity.

Posters

Physicians may claim *AMA PRA Category 1 Credit™* directly from the AMA for preparing a poster presentation, which also includes the published abstracts. Physicians may claim them on their *AMA PRA* certificate application or apply directly to the AMA for an *AMA PRA Category 1 Credit™* certificate.

Physicians may claim *AMA PRA Category 2 Credit™* for viewing scientific posters. Physicians should self-claim credit on their *AMA PRA* certificate application form.

OPENING RECEPTION

Wednesday, February 17
6:00 – 8:00 PM

Take in spectacular views of the cypress trees and manicured lawns while enjoying a wonderful array of food and refreshments as you network with old friends and new colleagues at the Opening Reception. The reception will be held at the Rosen Shingle Creek Hotel. Each medical attendee and spouse/guest registered for the meeting will receive one complimentary ticket. Resort casual attire is recommended for this event.

RECEPTION WITH THE EXHIBITORS

Thursday, February 18
5:15 – 6:45 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. Each medical attendee and spouse/guest* registered for the meeting will receive one 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

Guests enjoy privileges at Shingle Creek Golf Club. This challenging yet playable David Harman design lies along historic Shingle Creek, and features interconnected waterways, undulating fairways and breathtaking 360 degree views.

Named by Golfweek as One of America's Top 40 New Courses, and One of Central Florida's Top 10 Toughest Courses by Orlando Business Journal, this spectacular challenge offers five-diamond service standards and an 18-hole, par 72 (7,228 yards) championship golf course.

Architect David Harman, who has constructed golf courses for such noted legends as Jack Nicklaus, Pete Dye, Tom Fazio and Arnold Palmer, has crafted a true masterpiece at Shingle Creek.

Golf Registration: Golf participants can sign up individually or as a foursome by calling (866) 996-9933. Calloway and Taylor Made club rental is available as well as shoe rental. Reservations made six days in advance will receive a discount. Cancellations must be received 24 hours in advance for eight players or less and 48 hours or less for groups of more than eight players.

AREA ATTRACTIONS AND TOUR INFORMATION

Orlando and the surrounding Central Florida region is a perennial favorite destination for many visitors from around the globe. One of the area's biggest attractions is its year-round mild weather. At the heart of the "Sunshine State," the area's average February temperature is a comfortable 72 degrees. It's time to be a kid again and experience the many opportunities available for theme park rides and roller coasters. With 99 attractions, it would take 67 eight-hour days to visit them all! The Rosen Shingle Creek is also a Destination Universal® property, where guests can purchase Universal attraction tickets and enjoy complimentary scheduled transportation to Universal Orlando's® exciting theme parks and to Sea World® and Aquatica®. Additionally, Walt Disney World® Resort attractions are only 15 minutes away!

To obtain more information or make reservations for Orlando area attractions and tours, please visit the city's official web site at www.orlandoinfo.com or contact any member of the Rosen Shingle Creek Hotel Concierge Team at (866) 996-9939. It is best to make arrangements in advance. The concierge team will be available to assist you on site as well.

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 the company listed below; however, the following companies are identified by the hotel for in-room childcare:

All About Kids (407) 812-9300
Kid's Night Out (407) 828-0920

EVALUATIONS

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 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 17 through Saturday, February 20. 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.

Exhibit Products & Services

LIST OF EXHIBITORS

Aesculap Implant Systems
 Alphatec Spine, Inc.
 American Association of Neurological Surgeons
 Anspach Companies
 Anulex Technologies, Inc.
 Apatech, Inc.
 Bauerfeind USA
 Baxter
 Biomet Spine
 Blue Chip Surgical Center Partners
 Captiva Spine
 CCV
 Centinel Spine, Inc.
 ChoiceSpine
 Custom Spine, Inc.
 DePuy Spine, a Johnson & Johnson Company
 Designs For Vision, Inc.
 ELLIQUENCE, LLC
 Elsevier-Saunders-Mosby
 Exactech, Inc.
 Gauthier Biomedical
 Globus Medical
 Integra
 K2M, Inc.
 Life Instrument Corporation
 Lippincott, Williams & Wilkins
 Medtronic
 Minnesota Rubber and Plastics
 MinSURG Corporation
 New World Rarities
 NovaBone Products, LLC
 Nutech Medical, Inc.
 NuVasive
 Orthofix, Inc.
 Orthovita, Inc.
 Osteotech, Inc.
 Pioneer Surgical Technology
 Richard Wolf Medical Instrument Corporation
 RSB Spine
 SeaSpine, Inc.
 Signus Medical, LLC
 Spinal Elements, Inc.
 SpineFrontier, Inc.
 Spine Wave, Inc.
 SpineGuard
 Spineology, Inc.
 TeDan Surgical Innovations
 TranS1, Inc.
 Zimmer Spine

As of October, 2009

Don't miss the Exhibit Hall at the 2010 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 Sebastian Ballroom J/K, will feature:

- ▶ **More than 65 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* Session presentations.
- ▶ **Cocktail Reception**: Join us Thursday evening from 5:15-6:45 PM 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.
- ▶ **E-mail Café**: Stay in touch with home and 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 18
 9:00 AM – 7:00 PM

Friday, February 19
 9:00 AM – 12:00 Noon

Saturday, February 20
 9:00 AM – 12:00 Noon

BEVERAGE BREAK AND WHAT'S NEW SESSION HOURS

Thursday, February 18
 9:30 – 10:15 AM
 12:30 – 1:25 PM*
 3:00 – 3:45 PM

Friday, February 19
 9:30 – 10:15 AM

Saturday, February 20
 9:50 – 10:35 AM

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

SPECIAL THANKS TO OUR SPONSORS!

Neurosurgical Education Ambassador



Neurosurgical Leadership Ambassador



Resident Education Partner



Supporters



As of October, 2009

Registration & Housing Information

REGISTRATION & HOUSING

DEADLINE:
JANUARY 11, 2010

REGISTER TODAY USING ONE OF 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 Notification.

FAX:

(703) 502-0257

- ▶ Credit card only.
- ▶ Allow seven business days for a Registration and Housing Confirmation Notification.

MAIL:

AANS/CNS Section on Disorders of the Spine and Peripheral Nerves Registration and Housing Center
11208 Waples Mill Road, Suite 112
Fairfax, VA 22030

- ▶ Credit card or check only (no wire transfers).
- ▶ Allow seven business days for a Registration Confirmation Notification.

FAX AND MAIL

- ▶ Type or print all information on the registration/housing form in black ink. Do not use a cover sheet.
- ▶ The Registration and Housing Center is not responsible for faxes not received due to mechanical failure or circumstances beyond our control.
- ▶ Due to the high volume of forms received, the AANS/CNS Section on Disorders of the Spine and Peripheral Nerves Registration and Housing Center cannot confirm receipt of faxed or mailed forms.

CREDIT CARD PAYMENTS

- ▶ Visa.
- ▶ MasterCard.
- ▶ American Express.

PAYMENTS BY CHECK

- ▶ Checks must be payable in US dollars and drawn on a US bank.
- ▶ Make checks payable to: DSPN Registration and Housing Center.
- ▶ Include \$265 per unit hotel deposit plus appropriate fees for registration and any option items purchased.

WHAT'S INCLUDED IN THE REGISTRATION FEE?

Medical Registration includes the following:

- ▶ Daily Continental Breakfasts.
- ▶ Daily Beverage Breaks.

- ▶ Daily Scientific Sessions.
- ▶ Entrance to the Exhibit Hall.
- ▶ One ticket to Wednesday Opening Reception.
- ▶ One ticket to Thursday Reception with Exhibitors.
- ▶ One ticket to Thursday Lunch with Exhibitors.

SPOUSE/GUEST REGISTRATION INCLUDES THE FOLLOWING:

- ▶ Daily Continental Breakfasts with medical attendees.
- ▶ Daily Scientific Sessions.
- ▶ Entrance to the Exhibit Hall.
- ▶ One ticket to Wednesday Opening Reception.
- ▶ One ticket to Thursday Reception with Exhibitors.

CHILD REGISTRATION

Although there is no registration fee, children under 18 years of age should register for the Annual Meeting to receive a badge.

- ▶ Daily Continental Breakfasts with medical attendees.
- ▶ Daily Scientific Sessions.
- ▶ One ticket to Wednesday Opening Reception.
- ▶ Entrance to the Exhibit Hall. Special Note: Children under the age of 18 are not allowed on the exhibit floor.

SPEAKER REGISTRATION

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

ONSITE REGISTRATION HOURS

Wednesday, February 17

8:00 AM – 6:00 PM

Thursday, February 18

6:00 AM – 6:00 PM

Friday, February 19

6:00 AM – 5:00 PM

Saturday, February 20

6:00 AM – 12:30 PM

REGISTRATION CANCELLATION/REFUNDS POLICY

All refund requests must be received in writing by Monday, January 25.

Requests accepted via:

E-mail: dspn@jspargo.com

Fax: (703) 502-0257

Mail:

AANS/CNS Section on Disorders of the Spine and Peripheral Nerves
Registration and Housing Center
11208 Waples Mill Road, Suite 112
Fairfax, VA 22030

CANCELLATION DATE SCHEDULE

Before January 25

Registration, Special Course, Symposia and

Event = Full Refund less \$100 processing fee.

After January 25 and No Shows

Absolutely no refunds will be issued after this date for Registration, Special Courses, Symposia and Events regardless of cause.

AMERICANS WITH DISABILITIES ACT/SPECIAL NEEDS AND REQUESTS

The AANS/CNS Section on Disorders of the Spine and Peripheral Nerves wishes to take the necessary steps 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.

Please let us know if, under the ADA, you require special accommodations or services in order to attend the AANS/CNS Section on Disorders of the Spine and Peripheral Nerves Annual Meeting. We want to ensure that no individual with a disability is excluded because of the absence of auxiliary aids and services. Your requirements should be sent directly to the AANS/CNS Section on Disorders of the Spine and Peripheral Nerves Housing and Registration Center at: dspn@jspargo.com or call (866) 849-8868. **Please provide any requests at least 30 days prior to the Annual Meeting to guarantee accommodation.**

Scooter and wheelchair rentals are available by contacting Scootaround, Inc. at their toll-free hotline: (888) 441-7575. You can also submit a rental inquiry on the web at www.scootaround.com.

IMPORTANT DATES TO REMEMBER

January 11

- ▶ Advance Registration Discount and Housing Deadline.

January 16

- ▶ Any changes to hotel reservations must be made directly with hotel from this date forward.

January 25

Cancellation Deadline

- ▶ \$100 processing fee will be charged for written cancellations received by this date.
- ▶ Registration, Special Course, Symposia and Event tickets will be refunded in full until this date.
- ▶ No refunds given after this date.

Housing & Travel Information

Housing Deadline – January 11, 2010

HOTEL ACCOMMODATIONS

The Rosen Shingle Creek offers luxury guestrooms that are both functional and classically styled. Most rooms feature pool and golf views. All rooms feature amenities that include plush Creek Sleeper beds, 32" flat screen TVs, high-speed internet capabilities, elegant furnishings and Egyptian cotton sheets to make your stay unforgettable. Proudly, the Rosen Shingle Creek is a smoke-free environment.

HOTEL AMENITIES:

- ▶ **The Rosen Shingle Creek will be providing complimentary guest room internet and fitness center access exclusively to the attendees of the 2010 AANS/CNS Section on Disorders of the Spine and Peripheral Nerves Annual Meeting.**
- ▶ BAGS - Transportation Security Administration-approved remote skycap service that allows guests to receive their airline boarding passes and check their luggage directly from the hotel.
- ▶ 18-hole, par 72, 7,228-yard championship golf course designed by David Harman (opened in December 2003), voted one of the top 40 best new courses by Golfweek Magazine and "one of the best places to play 2008/2009" by Golf Digest.
- ▶ Golf Pro Shop voted one of America's Top 100 Golf Shops by Golf Shop magazine.
- ▶ Full-service, 13,000-square-foot Spa at Shingle Creek, featuring nine treatment rooms and state-of-the-art fitness center with cardiovascular equipment and free weights.
- ▶ Lap, family, quiet and kiddie swimming pools and two hot tubs.
- ▶ Exciting sports activities including lighted tennis courts, basketball, sand volleyball, nature and jogging trails.
- ▶ Destination Universal® property, where guests enjoy complimentary scheduled transportation to Universal Orlando's exciting theme parks and to Sea World® and Aquatica®.
- ▶ Attraction ticket sales and scheduled transportation arrangements.
- ▶ Sumptuous cuisine in ten restaurants and lounges, including A Land Remembered Steakhouse and Cala Bella™.

HOTEL ROOM RATES

Standard Guest Room
\$235 Single/Double*
\$255 Triple*
\$275 Quad*

* Above rate are subject to applicable state and local taxes currently at 12.5%. 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 11, 2010 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. Rates are effective three (3) days prior to and three (3) days after the official meeting dates of February 17 - 20, 2010. Confirmation for dates other than official meeting dates, made prior to the cut-off date, will be based on availability.

DEPOSIT

A \$265 per unit deposit is due at the time your hotel reservation is made. This payment must be submitted with your registration fees. Credit cards will be charged immediately.

HOTEL CANCELLATIONS OR CHANGES Through January 11

- ▶ All changes and cancellations must be made through the AANS/CNS Section on Disorders of the Spine and Peripheral Nerves Registration and Housing Center.
- ▶ Rooms are not transferable.
- ▶ Refunds for deposits will be issued by the AANS/CNS Section on Disorders of the Spine and Peripheral Nerves Registration and Housing Center.

Beginning January 16

- ▶ All changes and cancellations must be made directly with the hotel.
- ▶ Hotel Cancellation Policy - All reservations must be cancelled at least five (5) days prior to arrival. If it is cancelled within five (5) days of arrival, a one night's room and tax penalty will be assessed.
- ▶ If cancellation notice is not received according to the hotel policy, the deposit may be forfeited.

Support the AANS/CNS Section on Disorders of the Spine and Peripheral Nerves by booking your hotel room for the Annual Meeting by using 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 Rosen Shingle Creek.

TRANSPORTATION TO THE RESORT

Shuttle Service

Mears Transportation provides shuttle service between Orlando International Airport (MCO) and the Rosen Shingle Creek. 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 or call (407) 423-6566 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 or call (407) 423-6566 to make your reservation today!

All guests enjoy complimentary in-room internet access and fitness center access at the Rosen Shingle Creek Hotel!

ADVANCE REGISTRATION DISCOUNT AND HOUSING FORM

Deadline: Monday, January 11, 2010 All meeting confirmations will be sent via e-mail or fax.

Three ways to Advance Register:

1. **Online** (credit card only)
www.spinesection.org
2. **Fax** (703) 502-0257 (credit card only)
3. **Mail**

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

Registration and Housing Center
11208 Waples Mill Road, Suite 112
Fairfax, VA 22030

Registration Information

Please print or type legibly using one form per person. The name and address entered below will be used for CME Certificate.

Last Name	First Name	Credentials		
Institution/Hospital/Office/Company				
Address	City	State/Province	Country	Zip/Postal Code
Telephone (if international please include country code)	Fax	E-mail		
Spouse/Guest Name (if applicable: please print name as it will appear on badge).				

Child Name(s) and age

Hotel Reservations

Individuals requiring hotel reservations must first register for the AANS/CNS Section on Disorders of the Spine and Peripheral Nerves Annual Meeting.

Arrival Date: _____ Departure Date: _____ No Room Required Staying At/With: _____

Room Preference (check one) Single (1 person) – \$235* Double (2 people, 1 bed) – \$235* Double/Double (2 people, 2 beds) – \$235*
 Triple (2 people) – \$255* Quad (4 people) – \$275*

* Above rates are subject to 12.5% state and local taxes per night. A portion of the room rate will be provided to the housing bureau to offset their services.

The Rosen Shingle Creek will make every effort to honor specific requests; however, they reserve the right to provide alternative accommodations when necessary.

Special Requests King ADA Compliant Room Crib (additional fee may apply) Rollaway bed (additional fee may apply)

Special Requests are subject to availability upon arrival at the hotel.

Please check this box if you are interested in reserving a suite. (A representative from the AANS/CNS Section on Disorders of the Spine and Peripheral Nerves housing center will contact you regarding suite availability and rates. In the meantime, a standard room will be assigned.)

Hotel Change/ Cancellations Policy

By January 11: All changes are subject to availability and cancellations may be made online at www.spinesection.org or via e-mail at dspn@jspargo.com.

Beginning January 16 to Five Days Prior to Your Scheduled Arrival Date: Contact the Rosen Shingle Creek directly with all changes or cancellations. The hotel will retain the \$265 per unit deposit for cancellations not made at least five days prior to your confirmed arrival date. This cancellation policy is strictly enforced and no exceptions will be made. Please retain the cancellation information from the AANS/CNS Section on Disorders of the Spine and Peripheral Nerves Registration and Housing Center as the hotel cancellation number is proof of the cancellation. This number will be required to resolve any disputes.

Meeting Registration Fees

Registration Category	Received on or Before January 11, 2010	Received After January 11, 2010
Spine Section Member (101S)	<input type="checkbox"/> \$450	<input type="checkbox"/> \$550
NASS Member (102S)	<input type="checkbox"/> \$450	<input type="checkbox"/> \$550
Orthopedic Surgeon (103S)*	<input type="checkbox"/> \$450	<input type="checkbox"/> \$550
Non-Member (104S)	<input type="checkbox"/> \$500	<input type="checkbox"/> \$600
Non-Physican, Non-Member (111S)	<input type="checkbox"/> \$500	<input type="checkbox"/> \$600
Resident (105S)	<input type="checkbox"/> \$300	<input type="checkbox"/> \$400
Medical Student (110S)	<input type="checkbox"/> \$0	<input type="checkbox"/> \$0
Nurse (106S)	<input type="checkbox"/> \$300	<input type="checkbox"/> \$400
Physician Assistant (107S)	<input type="checkbox"/> \$300	<input type="checkbox"/> \$400
Spouse/Guest (108S)	<input type="checkbox"/> \$100	<input type="checkbox"/> \$130
Child (109S)	<input type="checkbox"/> \$0	<input type="checkbox"/> \$0

SUBTOTAL FOR REGISTRATION FEE SECTION \$ _____

*Orthopedic Surgeon Registration Includes One-Year Complimentary Adjunct Membership.

SPECIAL COURSES AND LUNCHEON SYMPOSIUM TICKET ORDER

Special Courses and Luncheon Symposium titles are subject to change and seating is limited.

Special Courses Wednesday, February 17 1:30 – 5:30 PM

- Special Course I – Coding Update and Review
Medical Registrant \$200 (Includes Lunch) – (020S)
- Special Course II – Masters in Spinal Surgery: What Has Experience Taught Me?
Medical Registrant \$200 (Includes Lunch) – (021S)
- Special Course III – Spinal Deformity
Medical Registrant \$200 (Includes Lunch) – (022S)
- Special Course IV – Advanced MIS Techniques/Managing MIS Complications
Medical Registrant \$200 (Includes Lunch) – (023S)
- Special Course V – Management of Perioperative Pain Issues
Special Course for Nurses, Nurse Practitioners and Physician Extenders
Medical Registrant \$110 (Includes Lunch) – (024S)
- Special Course VI – Pediatric Craniocervical
Medical Registrant \$200 (Includes Lunch) – (025)
- Special Course VII – Update on Spinal Surgery in Taiwan and the Far East
Resident/Fellow \$0 (Includes Lunch) – (034R)
- Special Course VII – Update on Spinal Surgery in Taiwan and the Far East
Medical Registrant \$200 (Includes Lunch) – (034S)

Special Courses Friday, February 19 1:30 – 5:30 PM

- Special Course VIII – Peripheral Nerve Exposures and Nerve Repair Techniques
Resident/Fellow \$0 (Includes Lunch) – (025R)
- Special Course VIII – Peripheral Nerve Exposures and Nerve Repair Techniques
Medical Registrant \$200 (Includes Lunch) – (026S)
- Special Course IX – Evaluation and Management of the Spine Trauma Patient
Special Course for Nurses, Nurse Practitioners and Physician Extenders
Medical Registrant \$110 (Includes Lunch) – (027S)

Luncheon Symposium Friday, February 19 12:30 – 2:30 PM

- Luncheon Symposium I – Revision Spine Surgery
Medical Registrant \$200 (Includes Lunch) – (028S)
- Luncheon Symposium II – Neurosurgeon as CEO: Business Aspects of Spinal Surgery
Medical Registrant \$200 (Includes Lunch) – (029S)
- Luncheon Symposium III – Treatment of Primary and Metastatic Spine Tumors
Medical Registrant \$200 (Includes Lunch) – (031S)
- Luncheon Symposium IV – Geriatric Spine
Medical Registrant \$200 (Includes Lunch) – (032S)
- Luncheon Symposium V – Spinal Arthroplasty
Medical Registrant \$200 (Includes Lunch) – (033S)

SUBTOTAL FOR SPECIAL COURSES AND LUNCHEON SYMPOSIUM SECTION \$ _____

Social Event Thursday, February 18 5:15 – 6:45 PM

Reception with Exhibitors

- _____ @ \$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 \$ _____

PAYMENT

HOTEL DEPOSIT (\$265 per unit) \$ _____

SUBTOTAL REGISTRATION FEE SECTION \$ _____

SUBTOTAL FOR SPECIAL COURSES AND LUNCHEON SYMPOSIUM SECTION \$ _____

SUBTOTAL FOR SOCIAL EVENT SECTION \$ _____

TOTAL MEETING REGISTRATION AND HOTEL DEPOSIT \$ _____

Check: Full payment must accompany your registration form. Make check (US Dollars drawn on a US Bank) payable to: DSPN Registration and Housing Center, 11208 Waples Mill Road, Suite 112, Fairfax, VA 22030. (Any checks received on an overseas bank will be returned. Any checks returned for insufficient funds are subject to additional charges.)

Credit Card Authorization: Credit card will be charged immediately.

- Visa Master Card American Express

Credit Card Number _____ Expiration Date _____

Name of Cardholder (print) _____

Billing Address (if different than registration) _____

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

By signing this form: I authorize the AANS/CNS Section on Disorders of the Spine and Peripheral Nerves Registration and Housing Center to charge my credit card for the total payment due, acknowledge that the AANS/CNS Section on Disorders of the Spine and Peripheral Nerves registration cancellation policies are in effect and grant the AANS/CNS Section on Disorders of the Spine and Peripheral Nerves the right to use photos taken at the CNS Annual Meeting which include me in promotional materials for future meetings.

These fees are subject to audit in case of error, the AANS/CNS Section on Disorders of the Spine and Peripheral Nerves Registration and Housing Center reserves the right to correct the error and charge the appropriate fees.

Registration Cancellation Policy – Full registration refunds, less a \$100 processing fee, will be granted if written requests for cancellation are received by January 25, 2010. No refunds of any kind will be given after this date. Refunds will not be given for no shows. Written requests may be e-mailed to dspn@spargo.com, faxed to (703) 502-0257 or mailed to AANS/CNS Section on Disorders of the Spine and Peripheral Nerves Registration and Housing Center, 11208 Waples Mill Road, Suite 112, Fairfax, VA 22030.

Special Thanks to these companies for providing an educational grant in support of the 2010 Annual Meeting!

Neurosurgical Education Ambassador



Neurosurgical Leadership Ambassador



Resident Education Partner



Supporters



As of October, 2009

SAVE THE DATE!

**2011 Annual Meeting of the
AANS/CNS Section on Disorders of
the Spine and Peripheral Nerves**

***March 9-12, 2011
JW Marriott Desert Ridge
Phoenix, Arizona***