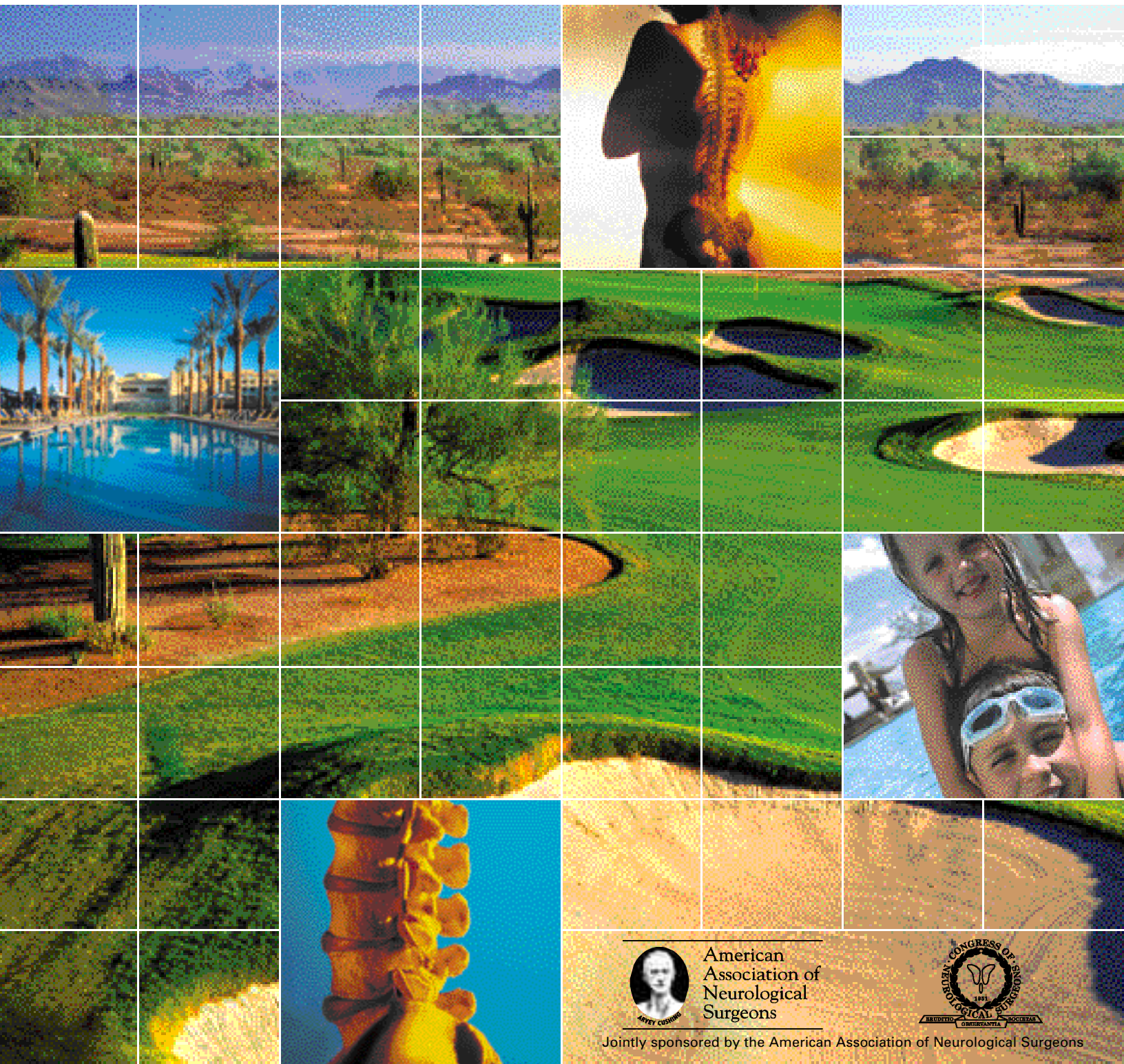


21st Annual Meeting of the  
AANS/CNS Section on Disorders of the  
**SPINE AND PERIPHERAL  
NERVES**

March 9–12, 2005

JW Marriott Desert Ridge Resort & Spa  
Phoenix, Arizona

**PRELIMINARY PROGRAM**



American  
Association of  
Neurological  
Surgeons



Jointly sponsored by the American Association of Neurological Surgeons

## MEETING HIGHLIGHTS

- Obtain up to 18.25 credits in Category 1 CME credit towards the AMA Physician's Recognition Award (PRA). An additional 11.75 credits are available through optional programming.
- Choice of three pre-meeting special courses and two post-meeting special courses
- Scientific sessions and special courses presented by leading experts from both neurosurgery and orthopedic spinal and peripheral nerve surgery subspecialties
- Presentation of over 150 Oral, Oral Point, and Poster Abstracts
- Special symposium for the non-neurosurgeon—Skills for Nurses, Nurse Practitioners and Physician Assistants
- Honored Guest—  
Hiroshi Nakagawa, MD  
(Aichi-Ken, Japan)
- Meritorious Award Recipient—  
Ulrich Batzdorf, MD  
(Los Angeles, CA)

## WHO SHOULD ATTEND

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

The AANS/CNS Section on Disorders of the Spine and Peripheral Nerves invites you to attend our 2005 Annual Meeting at the JW Marriott Desert Ridge Resort & Spa in the Valley of the Sun—Phoenix, Arizona, March 9–12, 2005.

The elements of nature—fire, water, earth and sky—have been woven into the resort's architectural design to let you experience the pleasures of the distinctive surroundings. Upon arrival, you will be rewarded for your journey as you are greeted by the sound of splashing fountains under the sun-dappled porte cochere. Stepping into the expansive grand lobby, you'll be dazzled by the sight of stunning floor-to-ceiling windows opened wide spilling out onto sparkling waterways and majestic palm-lined pathways.

The resort's guest rooms are luxuriously appointed and feature a balcony or patio overlooking wildflower gardens, swimming pools, lakes, waterways and golf course or mountain views.

Plan time to enjoy everything the resort has to offer. Glide through the crystal blue swimming pools, take a dip in the spectacular whirlpools or float down the Lazy River. With more than 4 acres of shimmering waterways, there are endless choices when you want to be cool. Explore the beauty of the Sonoran Desert by watching butterflies and hummingbirds feed in the Desert Botanical Garden. And, with ten eateries to choose from, you'll find there's something to satisfy your every craving at JW Marriott Desert Ridge Resort & Spa.

Golf and tennis lovers alike are sure to enjoy their time at the resort. The JW Marriott Desert Ridge Resort & Spa offers a dynamic golf experience at Wildfire Golf Club with two onsite courses, including 18 holes of Nick Faldo-designed Championship golf and 18 holes of Arnold Palmer-designed Signature golf. The Desert Ridge Tennis Center features eight premier hard courts and a full-service pro shop.

When it's time to rejuvenate, the resort's Revive Spa features 41 elegantly appointed treatment rooms and offers a diverse menu of spa experiences that incorporate beautiful, tranquil settings and indigenous flora and fauna into signature treatments where ancient rituals join force with cutting-edge techniques.

In addition to spa services, a spacious indoor fitness club with all the latest fitness equipment and classes make up another component of Revive Spa.

Not to be outdone, the Annual Meeting Committee has planned a stellar educational program featuring some of the most renowned neurosurgeons in the world as well as up-to-the-minute research. You won't want to miss the opportunity to visit the exhibit hall to see the very latest products and services available.

We hope you will attend the 2005 AANS/CNS Section on Disorders of the Spine and Peripheral Nerves Annual Meeting, and enjoy all that Phoenix and the JW Marriott Desert Ridge Resort and Spa have to offer during your stay.



Gerald E. Rodts, MD  
Section Chairperson

Christopher I. Shaffrey, MD  
Annual Meeting Chairperson

Michael W. Groff, MD  
Scientific Program Chairperson

# PRELIMINARY PROGRAM AT-A-GLANCE



	WEDNESDAY MARCH 9	THURSDAY MARCH 10	FRIDAY MARCH 11	SATURDAY MARCH 12
MORNING	<p>7:00 AM–7:30 PM Registration <i>Lower Level One outside of Grand Canyon Ballroom</i></p> <p>8:00 AM–12:30 PM Special Course I</p> <p>9:00 AM–6:00 PM Speaker Ready Room</p>	<p>6:00 AM–6:00 PM Speaker Ready Room</p> <p>6:30–7:45 AM Continental Breakfast</p> <p>6:30 AM–6:00 PM Registration <i>Lower Level One outside of Grand Canyon Ballroom</i></p> <p>6:45 AM–12:15 PM Scientific Sessions</p> <p>9:00 AM–7:00 PM Exhibit Hall Open Poster Viewing</p> <p>9:30–10:15 AM Beverage Break &amp; Demonstration Theater Presentations <i>Exhibit Hall</i></p>	<p>6:00 AM–1:00 PM Speaker Ready Room</p> <p>6:30–7:45 AM Continental Breakfast</p> <p>6:30 AM–1:00 PM Registration <i>Lower Level One outside of Grand Canyon Ballroom</i></p> <p>7:00 AM–12:30 PM Scientific Sessions</p> <p>9:00 AM–Noon Exhibit Hall Open Poster Viewing</p> <p>10:15–11:00 AM Beverage Break &amp; Demonstration Theater Presentations <i>Exhibit Hall</i></p>	<p>6:00 AM–1:00 PM Speaker Ready Room</p> <p>6:30–7:45 AM Continental Breakfast</p> <p>6:30 AM–1:00 PM Registration <i>Lower Level One outside of Grand Canyon Ballroom</i></p> <p>7:00 AM–12:30 PM Scientific Sessions</p> <p>9:00–11:30 AM Exhibit Hall Open Poster Viewing</p> <p>9:50–10:30 AM Beverage Break &amp; Demonstration Theater Presentations <i>Exhibit Hall</i></p>
AFTERNOON	<p>1:00–5:00 PM Special Courses II &amp; III</p>	<p>12:15–1:00 PM Lunch &amp; Demonstration Theater Presentations <i>Exhibit Hall</i></p> <p>1:00–5:30 PM Scientific Sessions</p> <p>3:30–4:15 PM Beverage Break &amp; Demonstration Theater Presentations <i>Exhibit Hall</i></p>	<p>12:30–12:45 PM Annual Business Meeting</p> <p>1:00–5:00 PM Special Course IV</p> <p>1:00–5:00 PM Special Symposium for Nurses, Nurse Practitioners, and Physician Assistants</p> <p>1:00–6:00 PM Golf Tournament</p> <p>1:30–4:30 PM Tennis Round-Robin</p>	<p>1:00–5:00 PM Special Course V</p>
EVENING	<p>6:30–9:00 PM Opening Reception</p>	<p>5:30–7:00 PM Reception in Exhibit Hall <i>(no children, please)</i></p>		<p><i>Hours, special course options and placement 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 —Register today!

## WEDNESDAY, MARCH 9

8:00 AM–12:30 PM

### SPECIAL COURSE I

#### Modern Management of Spinal Neoplasia

Additional \$200 for medical registrants.  
Includes lunch.

**Director:** Mark H. Bilsky, MD

**Faculty:** Peter C. Gerszten, MD, MPH; Ziya, L. Gokaslan, MD, FACS; Kazutoshi Hida, MD; Paul C. McCormick, MD; Ehud Mendel, MD; Stephen L. Ondra, MD; Narayan Sundaresan, MD; Jeremy C. Wang, MD; William C. Welch, MD

#### Course Description

World leaders in the management of spinal neoplasia will review the most current options including surgery, radiation therapy and adjuvant modalities.

#### Learning Objectives

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

- Recognize spinal neoplasia and the appropriate management.
- Discuss advantages of anterior vs. posterior approaches and the indications for en bloc resection.
- Identify the role of non-surgical modalities.

1:00–5:00 PM

### SPECIAL COURSE II

#### Arthroplasty: Techniques and Indications for the Cervical and Lumbar Spine

Additional \$200 for medical registrants.  
Includes lunch.

**Co-Directors:** Regis W. Haid Jr. MD; and Paul McAfee, MD

**Faculty:** Bryan W. Cunningham, MSc; Reginald J. Davis, MD, FACS; Fred H. Geisler, MD, PhD; Robert J. Hacker, MD; Stephen M. Papadopoulos, MD; Luiz Pimenta, MD; Vincent C. Traynelis, MD; Alexander R. Vaccaro, MD

#### Course Description

This course will review the current state of the art of arthroplasty of the cervical and lumbar spine.

#### Learning Objectives

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

- Recognize the indications and pitfalls of arthroplasty.
- Identify the advantages of motion preservation.

1:00–5:00 PM

### SPECIAL COURSE III

#### Analysis of Lumbar Fusion Guidelines and Application to Clinical Practice

Additional \$200 for medical registrants.  
Includes lunch.

**Director:** Daniel K. Resnick, MD

**Faculty:** Tanvir F. Choudhri, MD; Andrew T. Dailey, MD; Michael W. Groff, MD; Larry T. Khoo, MD; Paul G. Matz, MD; Praveen V. Mummaneni, MD

#### Course Description

This course will review the lumbar fusion guidelines developed by the AANS, CNS, and the AANS/CNS Section on Disorders of the Spine and Peripheral Nerves.

#### Learning Objectives

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

- Distinguish the limitations and advantages of evidenced based medicine
- Recognize the evidence for lumbar fusion in various indications
- Discuss how to apply evidenced based medicine into one's practice

6:30–9:00 PM

### OPENING RECEPTION

## THURSDAY, MARCH 10

6:45 AM–5:30 PM

### PLENARY SESSION

6:45–9:25 AM

### SCIENTIFIC SESSION I

#### Care of the Athlete: Professional and Non-Professional Weekend Warrior

**Director:** Joseph C. Maroon, MD

**Faculty:** Julian E. Bailes Jr., MD; Henry Feuer, MD; Robert Watkins, MD

#### Session Description

This session will review spine disease in the context of athletics with an emphasis on how to get athletes safely back in the game.

#### Learning Objectives

Upon completion of this session, participants should be able to:

- Describe how to get athletes back to sport after lumbar discectomy
- Discuss cervical neurapraxia and when to return to play

9:25–9:30 AM

### Meritorious Service Recognition

*Recipient:* Ulrich Batzdorf, MD

9:30–10:15 AM

### Beverage Break with Exhibitors

#### "What's New" Session #1 in the Exhibit Hall Demo Theater

*Moderators:* Michael G. Kaiser, MD; Robert E. Isaacs, MD

10:15 AM–12:15 PM

### Oral Abstract Presentations

*Moderators:* Andrew T. Dailey, MD; Paul C. McCormick, MD; Michael Wang, MD

12:15–1:00 PM

### LUNCH WITH EXHIBITORS

#### "What's New" Session #2 in the Exhibit Hall Demo Theater

*Moderators:* Praveen Mummaneni, MD; Naresh P. Patel, MD

1:00–3:30 PM

### SCIENTIFIC SESSION II

#### The Future of Spinal Surgery

*Co-Directors:* Kevin T. Foley, MD; Michael W. Groff, MD

#### Session Description

This session will review where we are and where we are going for the cutting edge themes in spinal surgery.

#### Learning Objectives

Upon completion of this session, participants should be able to:

- Describe the role of MIS in contemporary surgical practice
- Recognize the contra-indications to MIS





- Distinguish the place of mini-open approaches in the continuum of open and MIS techniques

#### Minimally Invasive Surgery

Kevin T. Foley, MD

#### Motion Sparing Technology

Vincent C. Traynelis, MD

#### Image Guided Systems

Iain H. Kalfas, MD

#### Biologic Enhancement

Carl Laurysen, MD

#### Open Surgery

Robert F. Heary, MD

3:30–4:15 PM

#### Beverage Break with Exhibitors

“What’s New” Session #3 in the Exhibit Hall Demo Theater

Moderators: Arona Ganju, MD; Charles Kuntz, MD

4:15–5:30 PM

#### CONCURRENT ORAL POINT PRESENTATIONS

##### Session I

Moderators: Joseph S. Cheng, MD; Anthony Frempong-Boadu, MD; Harel Deutsch, MD

##### Session II

Moderators: Tanvir F. Choudhri, MD; Barry D. Birch, MD; Stephen L. Ondra, MD

5:30–7:00 PM

#### RECEPTION IN THE EXHIBIT HALL

## FRIDAY, MARCH 11

7:00 AM–12:30 PM

#### PLENARY SESSION

7:00–9:45 AM

#### SCIENTIFIC SESSION III Deformity

**Co-Directors:** Juergen Harms, MD; Young-Soo Kim, MD, PhD; and Christopher I. Shaffrey, MD

**Faculty:** Joseph T. Alexander, MD; Edward C. Benzel, MD, FACS; Sumon Bhattacharjee, MD; Bernard H. Guiot, MD; Robert F. Heary, MD; J. Patrick Johnson, MD; John J. Knightly, MD; Charles Kuntz IV, MD; Praveen V. Mummaneni, MD; Stephen L. Ondra, MD; Julie E. York, MD

#### Session Description

In this session, world-leading experts will review the diagnosis and management of adult deformity.

#### Learning Objectives

Upon completion of this session, participants should be able to:

- Assess sagittal plane deformity
- Indicate how and when to correct sagittal imbalance
- Recognize when a limited number of levels can appropriately address degenerative scoliosis
- Identify the advantages of anterior vs. posterior approach.

9:45–10:15 AM

#### Fellowship Awards & Update

10:15–11:00 AM

#### Beverage Break with Exhibitors

“What’s New” Session #4 in the Exhibit Hall Demo Theater

Moderators: Arthur L. Jenkins III, MD; Paul G. Matz, MD

11:00 AM–12:30 PM

#### Oral Abstract Presentations

Moderators: James D. Guest, MD, PhD; Langston Holly, MD; Daniel H. Kim, MD

12:30–12:45 PM

#### ANNUAL BUSINESS MEETING

1:00–5:00 PM

#### SPECIAL COURSE IV

#### ABC’s of Peripheral Nerve Surgery

Additional \$200 for medical registrants. Complimentary for Residents and Fellows. Includes lunch.

**Co-Directors:** Rajiv Midha, MD, MS, FRCS; and Eric L. Zager, MD

**Faculty:** Allan J. Belzberg, MD; Holly S. Gilmer-Hill, MD; Deane B. Jacques, MD; Allen H. Maniker, MD; John E. McGillicuddy, MD; Robert J. Spinner, MD

#### Course Description

This didactic course will detail the ABC’s of peripheral nerve surgery. It is targeted to practicing surgeons, senior level residents and fellows.

#### Learning Objectives

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

- Discuss basic information on diagnosis and management of common nerve injuries, nerve entrapments and nerve disorders.
- Prepare the residents for the written board examinations and the young neurosurgeons for the oral board examinations on nerve topics and questions.

- Indicate the diagnosis and differential diagnoses of nerve conditions, particularly those that have overlap to medical and spinal conditions.
- Distinguish those nerve conditions needing emergent and urgent management versus those that can be managed in a more delayed fashion.
- Manage common peripheral nerve conditions and distinguishing these from the unusual conditions, which should be referred to subspecialists.

1:00–5:00 PM

#### BIOLOGY OF BONE FUSION— A SPECIAL SYMPOSIUM FOR NURSES, NURSE PRACTITIONERS AND PHYSICIAN ASSISTANTS

Additional \$110 for medical registrants. Includes lunch.

**Co-Directors:** Bernard H. Guiot, MD; Larry T. Khoo, MD; and Andrea L. Strayer, NP, CNRN

**Faculty:** Tanvir F. Choudhri, MD; Fred H. Geisler, MD, PhD; Shannon A. Hagy, RN, CNRN; Michael Morone, MD, PhD; Daniel K. Resnick, MD; Christopher I. Shaffrey, MD; Thomas A. Szabo, PAC; Jeffrey Wang, MD

#### Symposium Description

This symposium will review the biology of arthrodesis and adjuncts to improve fusion rates.

#### Learning Objectives

Upon completion of this symposium, participants should be able to:

- Explain the biology and physiology of bone fusion
- Discuss the advantages of various bone grafts and extenders
- Describe the role of electrical stimulation and BMP’s

This symposium is planned in conjunction with the American Association of Neuroscience Nurses, which is accredited as a provider of nursing continuing education by the American Nurses Credentialing Center’s Commission on Accreditation (ANCC-COA). To meet CE standards, receive the appropriate number of contact hours and a certificate of attendance, participants who are registered nurses (RNs) will be expected to complete and return an evaluation form for this session. Participants can earn 4 neuroscience nursing contact hours.



1:00–6:00 PM

## GOLF TOURNAMENT

See page 7 for further information.

1:30–4:30 PM

## TENNIS ROUND-ROBIN

See page 7 for further information.

## SATURDAY, MARCH 12

7:00 AM–12:30 PM

### PLENARY SESSION

7:00–9:00 AM

#### David Cahill Memorial Controversies Session

*Moderators: Richard G. Fessler, MD, PhD; and Christopher I. Shaffrey, MD*

#### Session Description

The popular controversies session pits experienced and well-known spine surgeons against one another in debates regarding the treatment of common surgical conditions.

#### Learning Objectives

Upon completion of this session, participants should be able to:

- Summarize the advantages of laminoplasty and laminectomy with fusion for the treatment of cervical spondylosis
- Discuss the role of interbody versus posterolateral fusion
- Describe the role of arthroplasty versus arthrodosis in the management of cervical spondylosis
- Summarize the role of reduction versus in situ arthrodosis in the management of high grade lumbar spondylolisthesis
- Discuss the role of the early MRI versus rapid closed reduction in the case of incomplete cervical SCI

#### Spondylolisthesis

Interbody Versus Posterolateral Fusion  
*Charles L. Branch, Jr., MD; Robert F. Heary, MD*

#### Spondyloptosis

Reduction Versus In Situ  
*Juergen Harms, MD; Rick C. Sasso, MD*

#### Cervical Spondylosis

Laminoplasty Versus Laminectomy and Lateral Mass Fusion  
*Joseph T. Alexander, MD; Hiroshi Nakagawa, MD*

#### Cervical Spondylosis

Arthroplasty Versus Arthrodosis  
*Stephen M. Papadopoulos, MD; Volker K.H. Sonntag, MD*

#### Incomplete SCI: Cervical Spondylolisthesis

Traction Versus MRI First  
*R. John Hurlbert, MD, PhD; Daniel K. Resnick, MD*

9:00–9:50 AM

### SCIENTIFIC SESSION IV Syringomyelia

*Director: Ulrich Batzdorf, MD*

#### Session Description

This session will be a discussion by one of the world's experts in the pathogenesis and treatment of syringomyelia.

#### Learning Objectives

Upon completion of this session, participants should be able to:

- Discuss the underlying abnormalities and appropriate treatment of syringomyelia.

9:50–10:30 AM

### Beverage Break with Exhibitors

"What's New" Session #5 in the Exhibit Hall Demo Theater

*Moderators: Juan C. Bartolomei, MD; Ehud Mendel, MD*

10:30–11:15 AM

### SCIENTIFIC SESSION V Cervical Spondylosis

*Co-Directors: Michael G. Kaiser, MD; and Junichi Mizuno, MD*

*Faculty: Curtis A. Dickman, MD; Richard G. Fessler, MD, PhD; Anthony K. Frempong-Boadu, MD; Hiroshi Nakagawa, MD*

#### Session Description

The course will review different causes of cervical spondylitic myelopathy and the various treatment options. The internationally renowned staff will discuss anterior, posterior and minimally invasive treatment options.

#### Learning Objectives

Upon completion of this session, participants should be able to:

- Recognize the difference between OPLL and degenerative spondylosis
- Identify indications for anterior and posterior approaches
- Distinguish advantages and disadvantages of minimally invasive approaches

11:15 AM–12:30 PM

### SCIENTIFIC SESSION VI Contemporary Issues in Spinal Cord Injury

*Director: R. John Hurlbert, MD, PhD*

*Faculty: James D. Guest, MD, PhD; Daniel K. Resnick, MD; Scott A. Shapiro, MD*

#### Session Description

This session will review the contemporary treatment of SCI by world leaders. The session will look beyond the controversy of methylprednisolone focusing on cutting edge, ongoing clinical trials.

#### Learning Objectives

Upon completion of this session, participants should be able to:

- Identify the mechanisms of spinal cord injury and the rationale and success of novel treatment strategies including genomic reprogramming, oscillating field stimulation and stem cell transplantation

1:00–5:00 PM

### SPECIAL COURSE V An Introduction to Bone Biology

*Co-Directors: Bernard H. Guiot, MD; and Larry T. Khoo, MD*

*Faculty: Ronald H. M. A. Bartels, MD; Tanvir F. Chourdhri, MD; Fred H. Geisler, MD, PhD; Michael Morone, MD, PhD; Daniel K. Resnick, MD; Christopher I. Shaffrey, MD; Jeffrey Wang, MD*

#### Course Description

This course will review the biology of arthrodosis, and operative techniques for facilitating fusion.

#### Learning Objectives

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

- Explain the biology and physiology of bone fusion
- Discuss the advantages of various bone grafts and extenders
- Describe the role of electrical stimulation and BMP's

# EXHIBITS OF PRODUCTS AND SERVICES



## LIST OF EXHIBITORS

(As of 12/1/04)

Aesculap, Inc.  
American Association of Neurological Surgeons  
ArthroCare Spine  
Blackstone Medical, Inc.  
Cardinal Health v. Mueller Neuro/Spine Products  
Congress of Neurological Surgeons  
DePuy Spine, a Johnson & Johnson Company  
EBI/Interpore Cross  
Encore Medical Corporation  
Integra  
Journal of Neurosurgery  
K2M  
Kyphon Inc.  
Life Instrument Corporation  
Mayfield Clinic-Priority Consult  
Medtronic Sofamor Danek  
NuVasive, Inc.  
Orthofix, Inc.  
Osteotech, Inc.  
RSB Spine, LLC  
Saunders/Mosby (Elsevier)  
Scanlan International, Inc.  
Scoliosis Research Society  
SeaSpine, Inc.  
Spine Surgical Innovations  
SpineVision  
St. Francis Medical Technologies, Inc.  
Stryker  
Stryker Biotech  
Stryker Spine  
Synthes Spine  
The Anspach Companies  
Trans1  
Zimmer Spine

You won't want to miss the exhibit hall at the 21st Annual Meeting of the AANS/CNS Section on 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.

Your preferred exhibitors encourage you to stop by their booths for one-on-one discussions, hands-on product demonstrations, or to just 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 immediately adjacent to the session rooms on the lower level, will feature:

- More than 30 exhibiting companies displaying state-of-the-art equipment, products and services
- Oral Point Presentations-Top-scoring scientific abstracts will be displayed electronically
- Five "What's New" Sessions-Join the crowd daily during breaks and lunch as speakers share the latest in cutting-edge research and technology in the Exhibit Hall Demonstration Theater
- More than 70 traditional poster presentations



Thursday night's Reception in the exhibit hall provides a networking opportunity on a social level. Take this time to browse the aisles of the exhibit hall and visit your favorite vendors, or perhaps encounter some fresh faces on the exhibit floor, all while enjoying cocktails and hors d'oeuvres prior to spending the evening at your leisure.

Lunch on Thursday in the exhibit hall offers yet another way for attendees to connect with exhibitors. Plan to spend your lunch break in the hall and mingle with exhibitors between "What's New" presentations.

## EXHIBIT HOURS

Thursday, March 10, 2005 .....9:00 AM-7:00 PM

Friday, March 11, 2005.....9:00 AM-Noon

Saturday, March 12, 2005.....9:00-11:30 AM

## BEVERAGE BREAK & DEMONSTRATION THEATER HOURS

Thursday, March 10, 2005 .....9:30-10:15 AM; 12:15-1:00 PM; 3:30-4:15 PM

Friday, March 11, 2005.....10:15-11:00 AM

Saturday, March 12, 2005.....9:50-10:30 AM

## THANK YOU!

The AANS/CNS Section on Disorders of the Spine and Peripheral Nerves extends our gratitude to the following Annual Meeting sponsors:

DePuy Spine  
Kyphon, Inc.  
Medtronic Sofamor Danek  
NuVasive, Inc.  
Trans 1

# ANNUAL MEETING SOCIAL EVENTS

## NEW! TENNIS ROUND-ROBIN

Friday, March 11, 1:30–4:30 PM

Join your colleagues for an afternoon of tennis. The JW Marriott Desert Ridge Resort and Spa Tennis Center features eight premier hard courts and a full-service pro-shop. Tennis participants will be paired on a random basis and will have the opportunity to play with several different partners throughout the afternoon.



The center's tennis pro will be on-hand to provide tips to improve your game. The \$45 participation fee includes court time, balls and all coordination services. Lunch is not provided, so plan to have lunch before heading out to the courts.

Due to the high demand for court time registration in the tennis round-robin must be made by February 11, 2005. Court time will not be available after that date.

## OPENING RECEPTION

Wednesday, March 9, 6:30–9:00 PM

Take in spectacular views of the mountains and watch the sunset while enjoying a wonderful assortment of food and refreshments as you visit with old friends and new colleagues at the Opening Reception. The reception will be held outdoors on the Ballroom Lawn at the JW Marriott Desert Ridge Resort and Spa. All medical attendees and spouse/guests registered for the meeting will receive one complimentary ticket. Additional tickets are available for purchase on the registration form or at the meeting during registration hours, from 7:30 AM–6:30 PM. Resort casual attire is recommended for this event.

## RECEPTION WITH THE EXHIBITORS

Thursday, March 10, 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 complimentary ticket. Additional tickets are available for purchase on the registration form or at the meeting during registration hours. 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 OUTING

Friday, March 11, 1:00–6:00 PM

Love to golf? Don't miss the opportunity to play one of Arizona's top-rated golf courses. Be sure to sign up for the AANS/CNS Section on Disorders of the Spine and Peripheral Nerves Annual Golf Tournament. This year the event will be held at the Wildfire Golf Club at the JW Marriott Desert Ridge Resort & Spa and promises to be memorable for golfers of all skill levels. You will play on one of two stellar courses.

The Palmer Signature Course is a desert-style course of championship length (7,170 yards), with generous fairways and large, bent-grass greens. It has four to six tee boxes on every hole, challenging all levels of golfing skill. The 415-yard par 4 6th is Palmer's signature hole, with the beautiful Camelback Mountain as the backdrop.

The Faldo Championship Course is a par 71 course on a 174-acre site offering a slight variation from typical Sonoran Desert-theme courses. It features generous fairways, large bent grass greens and tee boxes. The surrounding mountains and century-old saguaro cacti as well as 106 sand bunkers, reminiscent of the Australian sand belt courses, provide a spectacular setting for the golf course and guests.



Golf outing participants will be paired and assigned to a course on a random basis. The \$175 participation fee includes green fees, golf cart, warm-up range balls, yardage book and all coordination services. Lunch is not provided, so plan to have lunch before heading out to the course. Due to the high demand for tee times on these championship courses, registration in the golf outing must be made by February 11, 2005. Tee times will not be available after that date.



# 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 American Association of Neurological Surgeons (AANS) and the AANS/CNS Section on Disorders of the Spine and Peripheral Nerves. The Accreditation Council for Continuing Medical Education (ACCME) accredits the AANS to sponsor continuing medical education for physicians. The AANS designates this educational activity for a maximum of 18.25 credits in Category 1 credit toward the AMA Physician's Recognition Award (PRA). An additional 11.75 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.

## AREA ATTRACTIONS AND TOUR INFORMATION

To obtain information about Phoenix area attractions and tours, please visit the city's official Web site at [www.PhoenixCVB.org](http://www.PhoenixCVB.org) or contact any member of the concierge team at the JW Marriott Desert Ridge Resort & Spa. Either group can help you arrange activities and tours in and around Phoenix. It is best to make arrangements in advance. To contact a member of the concierge team, call the hotel at (480) 293-5000 and ask for the concierge. The concierge staff will be available to assist you on site as well.

## CHILDREN'S PROGRAM AND CHILD CARE SERVICES

Kokopelli Kids is a full-service children's recreation program for JW Marriott Desert Ridge Resort & Spa guests ages 4–12. Each day is designed to provide maximum enjoyment for all participants. Counselors design each day according to the ages and interest of the children enrolled. Activities include computer learning, arts & crafts, scavenger hunt, swimming, Indian folklore, botanical garden walks, musical games and much more. Full and half day programs are available. Contact the resort concierge at (480) 293-5000 for further information.



The AANS/CNS Section on Disorders of the Spine and Peripheral Nerves is not affiliated with nor is it endorsing the services of any of the companies listed below, however, these companies are recommended by the resort for in-room babysitting. All are licensed, insured and bonded.

All About Nannies, Inc.  
(480) 948-3901  
[www.allaboutnannies.org](http://www.allaboutnannies.org)

A Childs Garden  
(480) 354-2122

Arizona Lullaby Guild  
(602) 852-0459

## EVALUATION FORM REWARDS PROGRAM

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!

We are providing an opportunity to qualify for prize drawings by completing your evaluation forms. Each time you complete an evaluation form and deposit it in a designated evaluation drop-box, you become eligible to win a prize in the daily drawing. See the Program Book at the meeting for further information.

## NO SMOKING POLICY

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



# HOUSING AND TRAVEL INFORMATION

## HOTEL ACCOMMODATIONS

### JW MARRIOTT DESERT RIDGE RESORT & SPA

JW Marriott Desert Ridge Resort & Spa is a welcome haven in the spectacular Sonoran Desert. This 316-acre resort is located where Phoenix meets Scottsdale in the heart of the Southwest, just 30 minutes from the Phoenix Sky Harbor International Airport. There you'll find ultimate luxury, unparalleled service, endless recreation and exquisite cuisine surrounded by the grandeur of the Sonoran Mountains.



#### The resort features:

- Deluxe, over-sized guestrooms
- Four, world-class restaurants, three cafes and a lounge
- A luxurious 28,000-square-foot, two-story spa with state-of-the-art fitness gym
- Two, 18-hole championship golf courses
- Eight lighted tennis courts
- Four acres of swimming pools complete with a lazy river and a water slide

For additional information on the hotel please visit [www.marriott.com](http://www.marriott.com).

## HOUSING DEADLINE: FEBRUARY 11, 2005

### 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.

### Hotel Cancellation Policy

See the Housing Form on page 11 for additional information.

## TRANSPORTATION TO PHOENIX

### Airlines

The AANS/CNS Section on Disorders of the Spine and Peripheral Nerves is pleased to announce that United Airlines and Delta Airlines have been designated as the official airlines of the 2005 Annual Meeting.

### United

A 5% discount off the lowest applicable fare will be offered ONLY when you or your travel agent call United's toll-free number (800) 521-4041 and refer to the Meeting ID Number 512ZE.



A 10% discount off the unrestricted mid week coach fares is available. An additional 5% discount will apply when you purchase your tickets at least 30 days in advance of your travel date. Discounts apply on United and United Express. Dedicated reservationists are on duty 7 days a week, 8:00 a.m. to 10:00 p.m. EST. The Meetings Plus Reservation Center will be closed on all major holidays.

Book early to take advantage of promotional fares that give you the greatest discount. Mileage Plus members receive full credit for all miles flown to this meeting. Certain restrictions apply.

### Delta

A 5% discount off the lowest applicable fare will be offered when you or your travel agent call Delta's toll-free number (800) 241-6760 and refer to the



File Number 207900A. A 10% discount off the unrestricted mid week coach fares is also available. An additional 5% discount will apply when you purchase your tickets at least 60 days in advance of your travel date. Dedicated reservationists are on duty 7 days a week, 8:00 a.m. to 11:00 p.m. EST. The Delta Meeting Network Reservation Center will be closed on all major holidays.

Book early to take advantage of promotional fares that give you the greatest discount. SkyMiles members receive full credit for all miles flown to this meeting. Certain restrictions apply.

## TRANSPORTATION TO THE RESORT

### Shuttle Service

SuperShuttle provides shuttle service between Phoenix Sky Harbor International Airport and the JW Marriott Desert Ridge Resort & Spa. Collect your luggage and go to the outer island marked "VAN SERVICE." A uniformed Guest Service Representative will arrange SuperShuttle transportation to your destination. Call SuperShuttle at (602) 244-9000, 24 hours in advance of your departure for return reservations or simply stop by the resort concierge and ask them to make a SuperShuttle reservation for you. The one-way fare to or from the airport is currently \$22 per person.

### CAR SERVICE

Transtyle sedans are readily available to take you between the Phoenix Sky Harbor International Airport and the JW Marriott Desert Ridge. Currently, the one-way fare is \$50 for up to four people. Advance reservations are not necessary, but are recommended. Call (800) 410-5479 for further information and to make reservations.

# REGISTRATION INFORMATION



## WHAT'S INCLUDED IN THE REGISTRATION FEE?

Medical Registration includes **ONE ticket** to each of the following:

- Daily Continental Breakfasts
- Daily Beverage Breaks
- Wednesday Opening Reception
- Thursday Reception with Exhibitors
- Thursday Lunch with Exhibitors

Spouse/Guest Registration includes **ONE ticket** to each of the following:

- Daily Continental Breakfasts with medical attendees
- Wednesday Opening Reception
- Thursday Reception with Exhibitors
- Entrance to the exhibit hall

Child registration receives the same as spouse/guest, except the Reception with Exhibitors ticket, as children under the age of 18 are not allowed on the exhibit floor.

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## ONSITE REGISTRATION HOURS

Wednesday, March 9  
7:00 AM–7:30 PM

Thursday, March 10  
6:30 AM–6:00 PM

Friday, March 11  
6:30 AM–1:00 PM

Saturday, March 12  
6:30 AM–1:00 PM

## 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 or daily seminars 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 a.m. 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. This badge will allow access to the Opening Reception and daily breakfast offering. Please note: children under 18 years of age cannot be admitted to the exhibit hall.

## 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  
Registration Department  
c/o Conference Technology Enhancements, Inc. (CTE)  
P.O. Box 2686  
Des Plaines, IL 60018

Or faxed to: (800) 438-3809 (U.S.) or (847) 297-5086 (International)

Or e-mailed to: [aansspine@cteusa.com](mailto:aansspine@cteusa.com)

All refunds will be processed and mailed following the Annual Meeting. Refunds will be made in accordance with the following schedule: cancellation received on or before **February 1, 2005**, will receive a full refund minus a \$25 service fee. Cancellations received between **February 2 and February 28, 2005** will receive a full refund minus a \$75 service fee. There will be no refunds for cancellations on or after **March 1, 2005**.

## AMERICANS WITH DISABILITIES ACT/SPECIAL NEEDS & 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 program, or have any special needs requests, such as food allergies, please contact the Meeting Services Department at: [meetings@neurosurgery.org](mailto:meetings@neurosurgery.org), or call (888) 566-AANS (2207), extension 529. Please provide any requests to the Annual Meeting Office at least 30 days prior to the Annual Meeting to guarantee accommodation.

## HOUSING DEADLINE: FEBRUARY 11, 2005

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

JW Marriott Desert Ridge Resort & Spa 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.

## HOTEL RESERVATIONS

Reservations can be made online or by mail, phone or fax.

**ONLINE**—Visit the AANS/CNS Section on Disorders of the Spine and Peripheral Nerves Annual Meeting Web site at [www.spinesection.org](http://www.spinesection.org) for instructions and a link to the online reservations center.

**MAIL**—Mail this form to the JW Marriott Desert Ridge Resort & Spa—see payment information for mailing address.

**PHONE**—Call (800) 835-6206 and identify yourself as an attendee of the 2005 Spine Section Meeting.

**FAX**—Fax this form to (480) 293-3891.

## HOTEL CANCELLATION POLICY

If reservation changes or cancellations become necessary, contact the resort as soon as possible. **Deposits are refundable only if the resort receives notice of cancellation at least 10 days prior to scheduled arrival date.** 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.

For questions or concerns regarding your reservation, please contact the JW Marriott Desert Ridge Resort & Spa for assistance. Please do not contact the AANS/CNS Section on Disorders of the Spine and Peripheral Nerves Annual Meeting Office regarding your housing arrangements.

Special room rates are available at the JW Marriott Desert Ridge Resort & Spa if reservations are made prior to or on **February 11, 2005.**

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

(Please check)  Medical Registrant  Exhibitor  
 I will be sharing this room with another attendee (non-family)

## RESERVATION INFORMATION

**Accommodation and Rates** (check accommodation type)

Standard Guest Room  \$297 Single\*  \$297 Double\*

Marriott Rewards # \_\_\_\_\_

For Suites or Concierge Level rooms, please call the resort reservations department directly.

\* Above rates are subject to 12.07% state and local taxes per night. Additional adults and children are \$20 each per day. A portion of the room rate will be utilized to cover the cost of registration and housing services. These special rates are available until the **February 11th** 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 p.m.; check-out time 11:00 a.m. Rates are effective (3) days prior to and (3) days after the official meeting dates of March 9–12, 2005. Confirmation for dates other than official meeting dates made prior to the cut-off date will be based on availability.

**Special Requests** (check all that apply)

Non-smoking Room  Smoking Room  Handicap Accessible Room  
 One King Bed  Two Double Beds  Other \_\_\_\_\_

Arrival Date/Time: \_\_\_\_\_ Departure Date/Time: \_\_\_\_\_

Number of Rooms Needed: \_\_\_\_\_ Number of People in Party: \_\_\_\_\_

## PAYMENT INFORMATION

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 to JW Marriott Desert Ridge Resort & Spa and mail with this Housing Form to:

JW Marriott Desert Ridge Resort & Spa  
Attention: Group Housing Department  
5350 East Marriott Drive  
Phoenix, AZ 85054

VISA  MasterCard  American Express  Diners Club Card  Discover

\_\_\_\_\_

Credit Card Number Expiration Date

\_\_\_\_\_

Print Name as it Appears on Card

\_\_\_\_\_

Card Holder Signature†

† I authorize JW Marriott Desert Ridge Resort & Spa to charge a one-night deposit using the credit card listed above. This guarantee of arrival ensures that a room will be held for the first day of arrival only.



# REGISTRATION FORM



## WHAT'S INCLUDED IN THE REGISTRATION FEE?

Medical Registration includes **ONE ticket** to each of the following:

- Daily Continental Breakfasts
- Daily Beverage Breaks
- Wednesday Opening Reception
- Thursday Reception with Exhibitors
- Thursday Lunch with Exhibitors

Spouse/Guest Registration includes **ONE ticket** to each of the following:

- Daily Continental Breakfasts with medical attendees
- Wednesday Opening Reception
- Thursday Reception with Exhibitors
- Entrance to the exhibit hall

Child registration receives the same as spouse/guest, except the Reception with Exhibitors ticket, as children under the age of 18 are not allowed on the exhibit floor.

## 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 or daily seminars will not be reserved without payment.

## EARLY REGISTRATION DEADLINE: FEBRUARY 11, 2005

Please print or type:

Last Name		First Name		Suffix		Credentials	
<hr/>							
Organization							
<hr/>							
Address							
<hr/>							
City		State		Zip Code		Country	
<hr/>							
Phone				Fax			
<hr/>							
E-mail Address							
<hr/>							
Spouse/Guest Name (if applicable: please print name as it will appear on badge)							
<hr/>							
Child Name(s) and age							
<hr/>							
Member ID (found on mailing label)							
<hr/>							

## MEETING REGISTRATION FEES

Category	Registration Received on or Before 2/11/05	Registration Received After 2/11/05
Spine Section Member (101S) .....	<input type="checkbox"/> \$450.....	<input type="checkbox"/> \$550
NASS Member (102S) .....	<input type="checkbox"/> \$450.....	<input type="checkbox"/> \$ 550
Nonmember (104S) .....	<input type="checkbox"/> \$500.....	<input type="checkbox"/> \$600
New member dues .....	<input type="checkbox"/> \$50.....	<input type="checkbox"/> \$50
(May register as member. Membership application must be attached.)		
Resident (105S) .....	<input type="checkbox"/> \$300.....	<input type="checkbox"/> \$400
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.....		\$_____



# REGISTRATION FORM

Medical Registrant's Full Name (please print) \_\_\_\_\_

## 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) \_\_\_\_\_

## PAYMENT INSTRUCTIONS

**ONLINE**—Visit [www.spinesection.org](http://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 U.S. dollars and drawn on a U.S. bank to:

AANS/CNS Section on Disorders of the Spine and Peripheral Nerves  
c/o CTE  
P.O. Box 2686  
Des Plaines, IL 60018

*Please Note: Do not send this form via Federal Express, UPS, or Airborne; the only overnight service that will deliver to this address is the U.S. Postal Service.*

**FAX**—If you are paying by credit card, fax this form to (800) 438-3809 (U.S.) or (847) 297-5086 (International).

## QUESTIONS?

If you have questions, contact:  
The AANS/CNS Section on Disorders of the Spine and Peripheral Nerves  
Registration Department at:  
(800) 713-0791 (U.S.) or  
(847) 759-4255 (International) or  
via e-mail at [aansspine@cteusa.com](mailto:aansspine@cteusa.com).

For cancellation information, please see page 10.

## SPECIAL COURSES/OPTIONAL SESSIONS

**Special Course I—Modern Management of Spinal Neoplasia (020S)**  
Wednesday, March 9, 2005, 8:00 AM–12:30 PM  Medical Registrant \$200 .....\$ \_\_\_\_\_  
(Includes Lunch)

**Special Course II—Arthroplasty: Techniques and Indications for the Cervical and Lumbar Spine (021S)**  
Wednesday, March 9, 2005, 1:00–5:00 PM..... Medical Registrant \$200 .....\$ \_\_\_\_\_  
(Includes Lunch)

**Special Course III—Analysis of Lumbar Fusion Guidelines and Application to Clinical Practice (022S)**  
Wednesday, March 9, 2005, 1:00–5:00 PM ..... Medical Registrant \$200 .....\$ \_\_\_\_\_  
(Includes Lunch)

**Special Course IV—ABCs of Peripheral Nerve Surgery**  
Friday, March 11, 2005, 1:00–5:00 PM ..... Medical Registrant \$200 (026S)..\$ \_\_\_\_\_  
 Resident/Fellow \$0 (027S).....\$ \_\_\_\_\_  
(Includes Lunch)

**Biology of Bone Fusion—A Special Symposium for Nurses, Nurse Practitioners, and Physician Assistants (024S)**  
Friday, March 11, 2005, 1:00–5:00 PM ..... Medical Registrant \$110 .....\$ \_\_\_\_\_  
(Includes Lunch)

**Special Course V—An Introduction to Bone Biology and Fusion Augmentation**  
Saturday, March 12, 2005, 1:00–5:00 PM ..... Medical Registrant \$200 (028S) \$ \_\_\_\_\_  
 Resident/Fellow \$0 (029S).....\$ \_\_\_\_\_  
(Includes Lunch)

**Subtotal for Special Courses Section.....\$ \_\_\_\_\_**

## SOCIAL EVENTS

**Opening Reception (041S)**  
Wednesday, March 9, 2005, 6:30–9:00 PM..... \_\_\_\_\_ @ \$100 .....\$ \_\_\_\_\_  
*Note: One ticket is included in the registration fee for each medical registrant and spouse/guests. Use this to order additional tickets for those not included in any registration fee type.*

**Reception with Exhibitors (045S)**  
Thursday, March 10, 2005, 5:30–7:00 PM..... \_\_\_\_\_ @ \$50 .....\$ \_\_\_\_\_  
*Note: One ticket is included in the registration fee for each medical registrant and spouse/guests. Use this to order additional tickets for those not included in any registration fee type.*

**Golf Tournament (046S)**  
Friday, March 11, 2005, 1:00–6:00 PM ..... \_\_\_\_\_ @ \$175\* .....\$ \_\_\_\_\_  
*\* Includes green fee, golf cart, warm-up range balls, yardage book and all tournament services. Fee does not include lunch.*

**Tennis Round-Robin (047S)**  
Friday, March 11, 2005, 1:30–4:30 PM ..... \_\_\_\_\_ @ \$45\* .....\$ \_\_\_\_\_  
*\* Includes court time, tennis balls and all coordination services. Fee does not include lunch.*

**Subtotal for Social Events Section .....\$ \_\_\_\_\_**

**Grand Total (Registration Fee/Special Courses/Social Events) .....\$ \_\_\_\_\_**



# ORLANDO 2006

**SAVE THE DATE!**

March 15–18, 2006

Wyndham Palace Resort & Spa  
in the Walt Disney World Resort

Orlando, Florida



American  
Association of  
Neurological  
Surgeons

Jointly Sponsored by the American Association of Neurological Surgeons

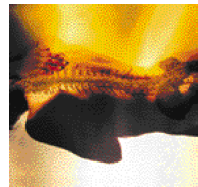


AANS/CNS Section on Disorders of the  
Spine and Peripheral Nerves

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Rolling Meadows, IL 60008-3852

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EARLY REGISTRATION DEADLINE  
FEBRUARY 11, 2005