

## *The Future of Neurological Surgery*

### Program Learning Objectives

Upon completion of this educational activity, participants should be able to:

- Discuss the latest technological changes for minimally invasive spine surgery;
- List and apply the current clinical updates of endovascular neurosurgery.
- Discuss best practices of current intracranial aneurysm treatment
- Discuss the advantages/disadvantages of liquid embolization for wide-necked intracranial aneurysms
- Discuss the most up to date treatment recommendations for patients with subarachnoid hemorrhage in the acute setting
- Discuss the indications for open and endovascular treatment of cerebral aneurysms
- Discuss techniques for current intra-operative image guidance for placement of pedicle screws in spinal neurosurgery
- Review updates on issues affecting the practice and education of Neurosurgery in the state of Tennessee.
- Review the disease management aspects of trigeminal neuralgia.
- Discuss issues related to health care reform both nationally and at the state level which will impact the ability of neurosurgeons to care for their patients.

### Friday, August 19<sup>th</sup>, 2011

5:00-7:00pm Exhibitor Setup

6:30-8:30pm Opening Reception at the RiverStone Resort

### Saturday, August 20, 2011

7:00-8:00 Registration, Continental Breakfast, Exhibits

7:50-8:00 Welcome, Announcements, Comments-Rick Boop, President, TNS

#### Scientific Session I - Moderator: Adam Arthur

8:00-8:20 Robert Mericle "Predicting Outcomes prior to Trigeminal Neuralgia Surgery"

8:20-8:40 Joseph Neimat "Surgical Exploration of Cortical Emotional Processing"

8:40-9:00 Dennis Velez "Initial Resuscitation and Care of Subarachnoid Hemorrhage Patients"

9:00-9:20 Robert Mericle "Liquid Embolization of Wide Necked Aneurysms"

9:20-9:40 Adam Arthur "Update on Endovascular Clinical Trials"

9:40-10:00 Dr. Eugenio F. Vargas "Computerized navigation in spinal surgery-a ten year experience"

10:00-10:20 [Discussion over Coffee in Exhibit Hall](#)

#### Scientific Session II - Moderator: Matt McGirt

10:20-10:40 Dan Kueter "BMP Induced Osteoid Osteomas-A Personal Case Series and Literature Review"

10:40-11:00 Matthew J McGirt "Defining Value in spine surgery in the era of healthcare reform"

11:00-11:30 The Honorable Phil Roe, MD (R-TN) "Addressing the issues of the state of medicine and politics today"

#### Resident's Corner - Clock Nazi: Rick Boop

11:30-11:45 Mark van Poppel "Pre-op Neo-adjuvant chemotherapy for infant brain tumors"

11:45-12:00 Mike DeCuypere "Survey of Career and Lifestyle Satisfaction among Practicing Neurosurgeons"

12:00-12:15 Berkeley Bate "Optimal outcome for patients with blunt cerebrovascular injury: tailoring treatment to the lesion"

12:15-12:30 Jonathan Andrew Forbes "Operative Technique and Relevant Anatomy for Minimally Invasive Direct Lateral Trans-Psoas Lumbar Corpectomy"

12:30-12:45 Luke Tomycz "Pediatric Congenital A-V Fistula"

12:45-1:00 Heather Kiefer "Myelomeningocele: Current and future therapeutic strategies"

1:00-1:15 Lola Chambless "Type II Diabetes and obesity are independent risk factors for early progression and death in high-grade glioma"

#### 1:15-1:30 Buffet working lunch

#### 1:30-2:15 Distinguished Feature Speaker

**Dr Kevin Foley - Spine Surgery, the present and the future**

2:15-2:30 Annual TNS Business Meeting and election of officers

### Sunday, August 21, 2011

7:00-8:00 am Registration, Continental Breakfast, Meeting with Exhibitors

7:50-8:00 Announcements, Resident Award Presentation

#### Scientific Session III - Moderator: Clarence Watridge

8:00-8:20 Jon Robertson "Visual dimensions of future neurosurgical education"

8:20-8:40 Jeff Sorenson "Neurosurgical Simulation: State of the Art and Future Challenges"

8:40-9:00 Clarence Watridge "The science of medical advocacy"

9:00-9:30 "State Healthcare Reform Initiates affecting your practice"

Robin Smith, JB Bennett, Neuro-Spine Committee

9:30-10:00 "National Healthcare Reform Initiatives and Your Practice"

Katie Orrico, AANC/CNS Washington Office

10:00-10:30 Discussion over Coffee

#### Scientific Session IV - Moderator: Matthew Wood

10:30-10:50 Madison Michael "The effects of altitude on neurosurgical decision making"

10:50-11:10 Craig Clark "Sacroiliitis"

11:10-11:30 Mike Fromke "Semi-rigid instrumentation for lumbar fusion"

11:30-11:50 Matt Wood "What have we wrought-management of benign pain with emphasis on low back pain"

11:50-12:00 Questions and Answers, Discussion

12:00 Adjourn

#### Disclosure

Before the program, all faculty members will disclose the existence of any financial interest and/or the relationship they or their significant have with the manufacturer(s) of any commercial product(s) to be discussed during their presentation.

## Registration Form

### Tennessee Neurosurgical Society

August 19-21, 2011

Each attendee should complete a separate form.

Please type or Print

Photocopies Accepted

Name \_\_\_\_\_

Specialty \_\_\_\_\_ Degree \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Daytime Phone \_\_\_\_\_

Email \_\_\_\_\_

AMA Educational # or Last 4 of Social Security #

(Necessary to record credit) \_\_\_\_\_

#### **Make Checks payable to Tennessee Neurosurgical Society.**

Amount Enclosed/Charged \_\_\_\_\_

Please charge my \_\_\_\_\_ Visa \_\_\_\_\_ MasterCard

Name on the Card \_\_\_\_\_

Card Number \_\_\_\_\_

Expiration Date \_\_\_\_\_

Security Code \_\_\_\_\_

Signature \_\_\_\_\_

#### **Return payment and completed registration form to:**

**Mistina Pannell, TNS Meeting Coordinator**  
**Semmes-Murphey Neurologic & Spine Institute**  
**6325 Humphreys Boulevard**  
**Memphis, TN 38120**  
**(901) 522-2621 Fax (901) 259-2006**

#### **Accreditation**

This activity has been planned and implemented in accordance with the Essential Areas and policies of the Accreditation Council for Continuing Medical Education through the joint sponsorship of the AANS and the Tennessee Neurosurgical Society. The AANS is accredited by the ACCME to provide continuing medical education for physicians.

#### **Credit**

The AANS designates this live activity for a maximum of **9 AMA PRA Category 1 Credits™**. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

#### **Scientific Program Director**

Frederick A. Boop, M.D., TNS President

#### **Registration**

The registration fee for this meeting is as follows:

Physicians - \$225.00 (whether presenting or not)

Nurses - \$75.00

Residents & Fellows – No Charge (Submit letter from Program Chair verifying status)

Managers and Administrators - \$75.00

#### **Pre-registration is requested before August 1, 2011.**

Registration includes reception, refreshment breaks, lunch and course syllabus materials. Checks should be made payable to **Tennessee Neurosurgical Society**. Visa and MasterCard payment is acceptable. Cancellation notices must be in writing received on or before August 1, 2011. A fee of \$25.00 will be charged for all cancellations. No fees will be refunded after August 1, 2011.

#### **Location and Lodging**

This activity is taking place at the Riverstone Resort & Spa, 212 Dollywood Lane, Pigeon Forge, TN. **Phone 866-908-0990**. A discounted rate of \$119.-219. plus applicable taxes and fees has been established. Rooms are available at this rate until July 30, 2011. Reservations will be accepted after that date but on a space available basis only and at the regular room rate.

#### **To make hotel reservations:**

Be sure to mention you are associated with the **Tennessee Neurosurgical Society** meeting when making reservations.

# Tennessee Neurosurgical Society

## Annual Meeting



**August 19-21, 2011**  
**Riverstone Resort & Spa**  
**Pigeon Forge, TN**



American  
Association of  
Neurological  
Surgeons

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