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## PROGRAM with LEARNING OBJECTIVES

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**For Saturday Golf - Contact Mistina Pannell (901) 522-2621**

### **Friday – August 22, 2008**

6:00 – 8:00 Exhibitor set up

6:30 – 8:30 Welcome Reception

The Tennessee Neurosurgical Society exists to represent the interests of all neurosurgeons in the state of Tennessee. Our goal is to provide for education and collegiality between members and to provide a cohesive voice representing the neurosurgical perspective in political and public forums for issues that affect our region.

#### **Upon completion of this program participants should be able to:**

- Discuss aspects of carotid revascularization surgery.
- Understand the indications for open and endovascular treatment of cerebral aneurysms.
- Review the current developments in the treatment of aneurysmal bone cysts of the thoracic and lumbar spine.
- Discuss issues and logistics for developing regionalization of care in Neurosurgery.
- Review updates on issues affecting the practice and education of Neurosurgery in the state of Tennessee.
- Understand surgical management of tumors of the carotid space and infratemporal fossa.
- Discuss innovations in minimally invasive and complex spinal surgery.
- Discuss advanced neuromonitoring in traumatic brain injury.
- Review the disease management aspects of trigeminal neuralgia.
- Discuss intraoperative brain shift and use of a laser range scanner.
- Discuss modern management of Pancoast tumors and meningiomas.

### **Saturday - August 23, 2008**

**For Saturday Golf - Contact Mistina Pannell (901) 522-2621**

7:00a-7:45a Registration, Continental Breakfast, & Exhibits

7:45a-8:00a Welcome Comments & Announcements **Dr. Rick Boyer**

#### ***Vascular Session*** (Moderator: **Dr. Michael Ayad**)

8:00-8:15 **Dr. Clarence Watridge** – Carotid Revascularization Surgery

8:15-8:30 **Dr. Adam Arthur** – Update on open and endovascular treatment of cerebral aneurysms

8:30-8:45 **Dr. Craig Clark** – Aneurysmal Bone Cysts of the Thoracic and Lumbar Spine

8:45-9:00 ***Questions & Discussion***

#### ***Socioeconomic Session*** (Moderator: **Dr. Josh Miller**)

9:00-9:15 **Dr. Rick Boop** - Regionalization of Care in Neurosurgery

9:15-9:30 **Dr. Joseph Cheng** - Updates on Coding & Reimbursement

9:30-9:45 **Dr. John Spooner** – Medical Student Education and Exposure in Neurosurgery

9:45-10:00 ***Questions & Discussion***

10:00-10:30 Break with Exhibitors

#### ***Resident Talks*** (Moderator: **Dr. Oran Aaronson**)

10:30-10:45 **Dr. Christopher Duntsch** – Characterization of cancer stem cells in glioma and other solid tumor animal models

10:45-11:00 **Dr. Lola Blackwell** – The Epidemiology of Gliomas: Current Understanding and New Frontiers

11:00-11:15 **Dr. Luke Tomycz** – Neurosurgical Management of Space-Occupying Cerebellar Infarcts

11:15-11:30 ***Questions & Discussion***

11:30-11:45 **Dr. Mark VanPoppel** – Functional MRI and Passive Range of Motion

11:45-12:00	<b>Dr. Rick Lebow</b> – Comparison of Time Dependent Biomechanical Strength in a Rabbit Model Using rhBMP-2 vs. Iliac Crest Autograft
12:00-12:15	<b>Dr. Jay Weimar</b> – Surgical Management of Scoliotic Deformities in the Elderly
12:15-12:30	<b>Dr. Scott Simon</b> – Onyx for Aneurysms
12:30-12:45	<b>Dr. Joseph Cheng</b> – Update on the CSNS
12:45-1:00	<b>Questions &amp; Discussion</b>
1:00-2:00	<b>Guest Speaker Luncheon</b> <b>Dr. Jon Robertson</b> -Surgical Management of Tumors of the Carotid Space and Infratemporal Fossa
2:00-2:30	Annual Business Meeting (* ) Vote for best resident presentation for TNS Grand Rounds Award
2:30	Adjourn for Leisure Activities
6:30-9:30	Executive Committee Dinner

## **Sunday – August 24, 2008**

7:00-7:45	Registration, Continental Breakfast, & Exhibits
7:45-8:00	Welcome Comments & Announcements <b>Dr. Rick Boyer</b> Resident Presentation Winner - <b>Dr. Joseph Cheng</b>
<b>Spinal Surgery</b> (Moderator: <b>Dr. Jason Hubbard</b> )	
8:00-8:15	<b>Dr. Kurt Eichholz</b> – Innovations in Minimally Invasive Spinal Surgery
8:15-8:30	<b>Dr. Michael Schlosser</b> – X-Stop: Indications and Outcomes in Personal Series
8:30-8:45	<b>Dr. John Spooner</b> – Rod Derotation Technique in Spinal Deformity
8:45-9:00	<b>Questions &amp; Discussion</b>
<b>Trauma</b> (Moderator: <b>Dr. Shelly Timmons</b> )	
9:00-9:15	<b>Dr. L. Madison Michael</b> – The Extended Unilateral Maxillotomy– The UT Experience
9:15-9:30	<b>Dr. Shelly Timmons</b> – Advanced Neuromonitoring in Traumatic Brain Injury: Impact on Outcomes
9:30-9:45	<b>Dr. Craig Clark</b> – Complications of Kyphoplasty Performed for Compression Fractures
9:45-10:00	<b>Questions &amp; Discussion</b>
10:00-10:30	Break with Exhibitors
<b>Functional</b> (Moderator: <b>Dr. Joseph Neimat</b> )	
10:30-10:45	<b>Dr. Clarence Watridge</b> – Trigeminal Neuralgia
10:45-11:00	<b>Dr. Jason Weaver</b> – Balancing pain management and oncologic goals in metastatic spine disease
11:00-11:15	<b>Dr. John Culclasure</b> – Worker’s Compensation Utilization Review Changes: If you’re not at the table, you’re on the menu
11:15-11:30	<b>Questions &amp; Discussion</b>
<b>Neoplasms</b> (Moderator: <b>Dr. Kyle Weaver</b> )	
11:30-11:45	<b>Dr. Reid Thompson</b> – Measuring Intraoperative Brain Shift: Clinical Experience with a Laser Range Scanner
11:45-12:00	<b>Dr. Jason Weaver</b> – Pancoast tumors, shift and treatment strategy
12:00-12:15	<b>Dr. Jeff Sorenson</b> – Modern management of meningiomas
12:15-12:30	<b>Questions &amp; Discussion</b>
12:30	Adjourn (Conclusion of Meeting)