Update of Neurosurgical Technology and Treatment Techniques

Saturday, September 12, 2015
Message from the Chairman

I am pleased to invite you to the first Update of Neurosurgical Technology and Treatment Techniques CME Course. The Department of Neurosurgery in the College of Medicine at the University of Arkansas for Medical Sciences continues its commitment to develop, maintain, and increase knowledge, skills, and professional performance of physicians in our state.

UAMS has more than doubled the size of its neurosurgery team since 2010, recently adding subspecialists who bring skills and techniques unique to Arkansas and the region. This CME Conference is an opportunity for you to hear from several of the Department of Neurosurgery’s renowned clinicians and researchers on the latest treatments available for your patients.

The Razorback Tailgate Party will be held immediately following the CME Conference at 11:30 a.m. Please feel free to invite a guest to meet you at the tailgate. I look forward to seeing you at this opportunity to meet my faculty and learn more about innovations in neurosurgery treatment at UAMS.

J. D. Day, M.D.
Professor and Chairman
Department of Neurosurgery
## Program Agenda

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Speaker Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>7:00 – 8:00 am</td>
<td>Registration and Breakfast</td>
<td></td>
</tr>
<tr>
<td>8:00 – 8:30 am</td>
<td>Minimally Invasive Brain Tumor Surgery with Brain Path</td>
<td>J.D. Day, MD, Chairman and Professor, UAMS Department of Neurosurgery</td>
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<tr>
<td>8:30 – 9:00 am</td>
<td>Minimally Invasive Cerebrovascular Surgery</td>
<td>Adib Abla, MD, Assistant Professor, Director, Cerebrovascular Surgery, UAMS Department of Neurosurgery</td>
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<tr>
<td>9:00 – 9:20 am</td>
<td>Minimally Invasive Spine Surgery Techniques</td>
<td>Noojan Kazemi, MD, Assistant Professor, UAMS Department of Neurosurgery</td>
</tr>
<tr>
<td>9:20 – 9:40 am</td>
<td>Spine Deformity Correction Surgical Techniques</td>
<td>Hazem Ahmed, MD, PhD, Assistant Professor, UAMS Department of Neurosurgery</td>
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<tr>
<td>9:40 – 10:00 am</td>
<td>Break</td>
<td></td>
</tr>
<tr>
<td>10:00 – 10:20 am</td>
<td>Complex Revision Spinal Surgery</td>
<td>Monir Tabbosha, MD, Assistant Professor, UAMS Department of Neurosurgery</td>
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<tr>
<td>10:20 – 10:50 am</td>
<td>Neuromodulation Techniques for Parkinson’s Disease, Psychiatric Disease, and Pain Disorders</td>
<td>Erika Petersen, MD, Associate Professor, Director, Section of Functional and Restorative Neurosurgery, UAMS Department of Neurosurgery</td>
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<tr>
<td>10:50 – 11:20 am</td>
<td>Robotic Neurosurgery Advancements</td>
<td>Demitre Serletis, MD, Assistant Professor, UAMS Department of Neurosurgery</td>
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<tr>
<td>11:20 – 11:30 am</td>
<td>Closing Remarks</td>
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**Accommodations**

Hotel reservations are available at the Courtyard Marriott Little Rock in the River Market for $149 per night. September 11 & 12. For reservations call the hotel at 501-975-9801.

**Objectives**

- Discuss the criteria for when to use minimally invasive techniques for:
  1. Brain tumor surgery with brain path;
  2. Cerebrovascular surgery;
  3. Spine surgery;
  4. Spine deformity correction;
  5. Complex revision spinal surgery.
- Recognize the indications of using neuromodulation techniques for treating patients with Parkinson’s Disease, psychiatric disease, and pain disorders.
- List advancements in robotic neurosurgery.

**Target Audience:**

UAMS presents this conference to provide continuing education in neurosurgical care for family practitioners, neurologists, neurosurgeons, and other health care providers.

Razorback Tailgate Party immediately following.
Dr. Erika Petersen is an Associate Professor at UAMS. She attended Princeton University majoring in European History. She later completed medical school at the University of North Caroline at Chapel Hill. While completing her Residency in Neurological Surgery at the University of Texas Southwestern in Dallas, Dr. Petersen completed a research and clinical fellowship in functional neurosurgery at the National Hospital for Neurology and Neurosurgery in London. Dr. Petersen is the Director of the Section of Functional and Restorative Neurosurgery at UAMS. Her clinical practice focuses on neuromodulation, treating movement disorders, spasticity, and chronic pain through surgical procedures and stereotactic radiosurgery using the Gamma Knife.

Dr. Demitre Serletis is an Assistant Professor at UAMS. He received his medical degree from the University of Calgary in Alberta, Canada. He completed his residency in neurosurgery at the University of Toronto in Ontario, Canada, during which time he also earned his doctorate in physiology and biomedical engineering. He subsequently completed a formal fellowship in adult and pediatric epilepsy neurosurgery at the Cleveland Clinic in Ohio. Dr. Serletis is a Fellow of the American Association of Neurological Surgeons and of the Royal College of Physicians and Surgeons of Canada. Dr. Serletis specializes in Epilepsy Surgery.

Monir Tabbosha, M.D. is an Assistant Professor at UAMS. He graduated from Ain Shams University School of Medicine. After completing medical school and his neurosurgery residency in Egypt, Dr. Tabbosha completed a Spine Fellowship at Wayne State University and a Spine/Neurooncology Fellowship at the University of Virginia. He then completed an additional Neurosurgery Residency at the University of Arkansas for Medical Sciences. Dr. Tabbosha specializes in spine neurosurgery.
Erika Petersen, MD
Dr. Erika Petersen is an Associate Professor at UAMS. She attended Princeton University majoring in European History. She later completed medical school at the University of North Carolina at Chapel Hill. While completing her Residency in Neurological Surgery at the University of Texas Southwestern in Dallas, Dr. Petersen completed a research and clinical fellowship in functional neurosurgery at the National Hospital for Neurology and Neurosurgery in London.

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Demetris Serletis, MD
Dr. Demitre Serletis is an Assistant Professor at UAMS. He received his medical degree from the University of Calgary in Alberta, Canada. He completed his residency in neurosurgery at the University of Toronto in Ontario, Canada, during which time he also earned his doctorate in physiology and biomedical engineering. He subsequently completed a formal fellowship in adult and pediatric epilepsy neurosurgery at the Cleveland Clinic in Ohio.

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Monir Tabbosha, MD
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Dr. Tabbosha specializes in spine neurosurgery.

J.D. Day, MD
Dr. J.D. Day is Chairman and Professor of Neurosurgery at UAMS. Internationally recognized as a leader in skull base surgery and specialist in Gamma Knife surgery and vascular disorders of the brain and skull base, J.D. Day, MD serves as the Chairman of the Department of Neurosurgery at the University of Arkansas for Medical Sciences.

Dr. Day has authored four textbooks on skull base surgery and has published over 80 articles on neurosurgical topics. He is a highly sought after lecturer on skull base surgery techniques in the United States, Europe, Africa, and Asia.

Adib Abla, MD
Dr. Adib A. Abla is an Assistant Professor of Neurosurgery at UAMS. He received a B.S. in engineering at Duke University ('02) and studied medicine at University of Pittsburgh ('06). He finished neurosurgery residency training in 2013 at the Barrow Neurological Institute under Dr. Spetzler, including a cerebrovascular & skullbase fellowship. He then spent one year in vascular neurosurgery fellowship at UCSF under Dr. Lawton, with additional study in surgery for deep brain AVMs, posterior circulation aneurysms, and intracranial-intracranial bypass.

In residency, he obtained endovascular (interventional) clinical experience both at Barrow and at Buffalo. He focuses on both surgical and minimally invasive endovascular techniques for aneurysms, AVMs, intracranial bypass, cavernous malformations, carotid disease, and acute stroke. He has over 70 publications in peer-reviewed journals.

Hazem Ahmed, MD
Hazem Ahmed, MD is an Assistant Professor at UAMS. He graduated from Ain Shams University School of Medicine where he also received a PhD.

After completing medical school and his neurosurgery residency in Egypt, Dr. Ahmed completed a neurosurgery fellowship at the University of Cincinnati. This was followed by a pediatric neurosurgery fellowship at the Children’s Hospital of Michigan and a spine surgery fellowship at Wayne State University. He has held prior academic appointments at Loyola University Medical Center in Chicago and the University of Maryland School of Medicine.

Noojan Kazemi, MD
Noojan Kazemi, MD, FRACS is an Assistant Professor at UAMS. Noojan Kazemi, MD received his Bachelor of Medicine, Bachelor of Surgery from the University of Sydney, Royal North Shore Hospital. He later completed a Neurosurgery Spine Fellowship at the University of Washington. Dr. Kazemi is a Fellow of the Royal Australasian College of Surgeons. Dr. Kazemi has numerous publications in peer-reviewed journals on topics such as spinal disorders and craniocervical distraction injuries.
Target Audience:

UAMS presents this conference to provide continuing education in neurosurgical care for family practitioners, neurologists, neurosurgeons and other health care providers.

Location

Stephens Spine & Neurosciences Institute, 12th Floor

Accommodations

Hotel reservations are available at the Courtyard Marriott Little Rock in the River Market for $149 September 11 & 12.

For reservations call the hotel at 501-975-9801.

Objectives

At the conclusion of the course, participants should be able to:

- Discuss the criteria for when to use minimally invasive techniques for:
  1 brain tumor surgery with brain path;
  2 cerebrovascular surgery;
  3 spine surgery;
  4 spine deformity correction; and
  5 complex revision spinal surgery.

- Recognize the indications of using neuromodulation techniques for treating patients with Parkinson’s Disease, psychiatric disease, and pain disorders.

- List advancements in robotic neurosurgery

Continuing Education

The University of Arkansas for Medical Sciences (UAMS) College of Medicine is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

The UAMS College of Medicine designates this live activity for a maximum of 2.75 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.
Registration Form

UAMS Update of Neurosurgical Technology & Treatment Options
September 12, 2015

To register online please go to:
www.uamshealth.com/md and click on Register: Neurosurgery CME Mtg

Last Name ___________________________ First Name ___________________________ MI ________
Organization ___________________________ Title ___________________________
Address _________________________________________________________________
City/State/Zip __________________________________________________________
Office Phone ___________________________ Office Fax ___________________________
Email _________________________________________________________________

Registration Fee

☐ $50

Payment Method
☐ Check enclosed - payable to: UAMS
☐ VISA  ☐ Mastercard  ☐ Discover
Card # ___________________________ Expiration Date ___________________________

Please indicate your participation in the Razorback Tailgate Party

☐ I will attend.    ☐ Spouse/Guest Name ___________________________ (no extra cost)

To register by mail, complete this form and return it to:
UAMS Physician Relations
Mail to: 4301 W. Markham Street, #727
Little Rock, AR 72205
Phone: 501/686-7934 • Fax: 501/686-6013
Email: carla@uams.edu

Registration Deadline is Friday, September 4, 2015

For more information, contact UAMS Physician Relations
at 501/686-7934 or 686-8206 / email: physicianrelations@uams.edu