



American
Association of
Neurological
Surgeons

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2012

the winter clinics
for cranial & spinal surgery

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Snowmass, Colorado

Sunday, Feb. 19 - Thursday, Feb. 23, 2012

Be part of the nation's most exciting cranial, spine and nerve meeting, located at the beautiful Silvertree Hotel in Snowmass Village, Colorado.

Objectives

Intended audience: neurosurgeons, orthopaedic surgeons, neurosurgical residents, fellows, nurse practitioners & physician assistants

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

- Discuss and review new techniques and controversies as demonstrated in various case studies, and apply that information to future clinical decision-making processes.
- Discuss complications associated with spine surgical procedures.
- Discuss options to avoid spine surgical complications.
- Discuss options to treat spine surgical complications.
- Discuss and review controversial spine surgical procedures and be able to describe positives and negatives of each.
- Describe the roles of using spinous process clamps in lumbar fusion surgery.
- Gain a perspective on the full spectrum of risks associated with BMP.
- Explore the role of the presacral fusion technique in deformity surgery.
- Describe the various surgical approaches in the cervical-thoracic junction.
- Discuss the advantages and disadvantages of using image guidance equipment in complex spinal surgery.
- Describe the various opinions related to peripheral nerve surgery and complications which may result.
- Discuss various treatments of peripheral nerve trauma, entrapment, tumors, and pain.
- Discuss the value and controversies of intraoperative monitoring in these cases.
- Discuss the complications associated with spine surgical procedures and the neurosurgical options to address them.
- Describe the approach to establishing a process of measuring/evaluating outcomes in clinical practice.
- Discuss various approaches to aneurysm surgery.
- Describe the challenges and potential complications associated with the surgical treatment of meningiomas and other brain tumors.
- Review the various diagnostic tests and surgical approaches for Chiari I Malformation.
- Discuss the contemporary management of complications related to the surgical and post-operative treatment of intracranial disorders such as brain tumors, aneurysms, and traumatic brain injury.
- Discuss the recognition and management of complications related to endovascular management of common neurosurgical conditions.
- Review complicated treatment options and their potential for complications in the operating room and Neuro ICU.
- Review the management of uncontrolled ICP.
- Review current approaches to stereotactic radiosurgery and radiotherapy for brain metastasis.
- Discuss contemporary surgical treatments for arteriovenous malformations and brain aneurysms.
- Describe postsurgical treatment protocols in the neurosurgical ICU.

CME

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 AANS and the Mayfield Clinic. The AANS is accredited by the ACCME to provide continuing medical education for physicians.

The AANS designates this live activity for a maximum of 25 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Before the program, all faculty members will disclose the existence of any financial interest and/or the relationship they or their significant other have with the manufacturer(s) of any commercial product(s) to be discussed during their presentation. The AANS and the Mayfield Clinic control the content and production of this CME activity and attempt to ensure the presentation of balanced, objective information.

Sunday, February 19, 2012

7:00 - 9:30am
"Fireside" Case Discussion: What Would You Do?

Moderator: Robert Bohinski, MD, PhD

Cervical Case Study
Claudio Feler, MD

Thoracolumbar Case Study
Bradford Curt, MD

Thoracic Case Study
R. Douglas Orr, MD

Tumor Case Study
Robert Bohinski, MD, PhD

Degenerative Lumbar Case Study
Larry Khoo, MD

Deformity Case Study
Charles Kuntz, IV, MD

Advantages of Image Guidance in Complex Spinal Surgery
Eric Nottmeier, MD

4:00 - 6:30pm
Case Complications – What Did I Learn?

Moderator: Charles Kuntz, IV, MD

Complications of Minimally Invasive Decompression
Richard Fessler, MD, PhD

Management of Severe Deep Wound Infection
Eric Potts, MD

Complications in Spinal Deformity Surgery
Frank Lamarca, MD

Spinal Cord Injury during Cervical Deformity Correction
Michael Steinmetz, MD

Wrong Level Spine Surgery
H. Gordon Deen, MD

Anterior Approach for Cervical OPLL: A Complication Waiting to Happen or the Right Thing to do?
Michael Groff, MD, FACS



Monday, February 20, 2012

7:00 - 9:30am

Controversies In Spine Surgery

Moderator: William Tobler, MD

Controversies, Conflicts and the Impact on Decision Making
William Tobler, MD

Do Spinous Process Clamps Have Any Role in Lumbar Fusion?
Robert Parrish, MD, PhD

Nucleus Pulposus Replacement
Edmund Frank, MD, FACS

Controversies in Motion Preservation versus Fixation
Michael Hisey, MD

Minimally Invasive Lumbosacral Fixation with AxiaLIF at the Bottom of Long Constructs in Adult Spinal Deformity
Neel Anand, MD, Mch Orth

Does BMP-2 Represent Clear and Present Danger? An Evidence-Based Review
Larry Khoo, MD

4:00 - 6:30pm

Complex Spinal Surgery: Tips & Tricks

Moderator: H. Gordon Deen, MD

Anterior Approaches to the Cervical-Thoracic Junction
Chad Morgan, MD

Complex Cervical Reconstruction
Richard Fessler, MD, PhD

Mini-Thoracotomy Case Series
Mick Perez-Cruet, MD, MS

Sacro-iliac Screws as a Distal Fixation Option in Thoracolumbar Deformity
Stephen Pirris, MD

Lumbar Epidural Steroid Injections
Douglas Chyatte, MD

10-Year Experience from a Large Prospective Database on Severe Traumatic Brain Injury
Roger Härtl, MD



Tuesday, February 21, 2012

7:00 - 9:30am

Controversies In Peripheral Nerve Surgery & Monitoring

Moderator: Robert Spinner, MD

Trauma
Eric Zager, MD, FACS

Upper Extremity Entrapment
Amgad Hanna, MD

Lower Extremity Entrapment
H. Francis Farhadi, MD, PhD

Pain
Marie-Noëlle Hébert-Blouin, MD

Tumors
Robert Spinner, MD

3:00 - 5:30pm

Outcomes Initiatives & Healthcare Reform

Moderator: Philip Theodosopoulos, MD

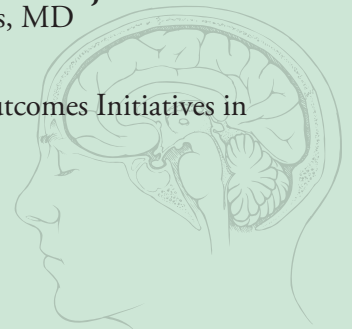
Outcomes Data Collection in the Changing Healthcare Landscape: Defining the Quality and Value of Your Patient Care
Matthew McGirt, MD

Spine Care Reform in the Salem, Oregon Community
Maurice Collada, Jr., MD

Optimizing Outcomes for Patients with Benign Skull Base Tumors: Adaptive Hybrid Surgery Approaches
Andrew Parsa, MD, PhD

Mayfield Clinic Outcomes Project
Philip Theodosopoulos, MD

Panel Discussion
Implementation of Outcomes Initiatives in Clinical Practice



Wednesday, February 22, 2012

7:00 - 9:30am Complex Cranial Surgery: Tips & Tricks

Moderator: Mario Zuccarello, MD

Pterional, Supraorbital and Transorbital Approaches: Tips and Tricks
Mario Zuccarello, MD

Aggressive Meningiomas: Surgical Challenges and Future Treatment
Alessandro Olivi, MD

Advances in the Diagnosis and Treatment of Chiari Malformations
John Tew, Jr., MD

Tips and Traps When Clipping Basilar Artery Aneurysms
Troy Payner, MD

Worst Complications in Meningioma Surgery
Joung Lee, MD

Use of Intraoperative MRI for Brain Tumor Resection
Jeffrey Weinberg, MD, FACS

4:00 - 6:30pm Complication Management

Moderator: William Knight, IV, MD

Endovascular Complications
Todd Abruzzo, MD

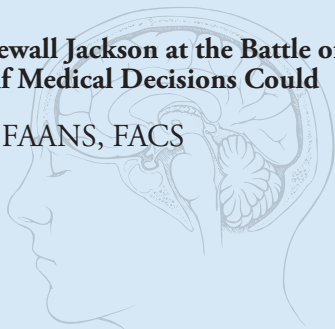
Complications in Glioma Surgery: Is Ischemia the Real Villain?
Alessandro Olivi, MD

Management of Uncontrolled ICP (SAH/TBI)
William Knight, IV, MD

Complex Intracranial Complications: Management Lessons Learned in My First Four Years of Practice
Bharat Guthikonda, MD

Common Complications in the ICU
Erin Grise, MD

The Wounding of Stonewall Jackson at the Battle of Fredericksburg: What if Medical Decisions Could Be Taken Back?
Allan Hamilton, MD, FAANS, FACS



Thursday, February 23, 2012

7:00 - 9:30am Controversies In Cranial Surgery

Moderator: Christopher McPherson, MD

Management of Recurrent/Progressive Metastatic Brain Tumors
Christopher McPherson, MD

Where We Stand in 2011: Radiation Therapy for Brain Metastases
David Andrews, MD

Flow Diverters for Brain Aneurysms
Ricardo Hanel, MD, PhD

Myths in the ICU
William Knight, IV, MD

En Bloc Resection for Brain Tumors
Jeffrey Weinberg, MD, FACS

4:00 - 6:30pm Clinical Pathological Conference - "Stump the Chump"

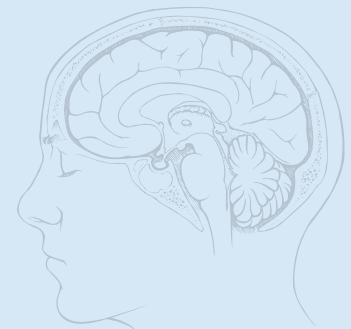
Moderator: Jeffrey Keller, PhD

Bret Ball, MD, PhD, Resident at Mayo Clinic
Assignment from: Joung Lee, MD

Joseph Serrone, MD, Resident at University of Cincinnati
Assignment from: David Andrews, MD

Bjorn Lobo, MD, Resident at Cleveland Clinic
Assignment from: Philip Theodosopoulos, MD

Panel Discussion



Lodging and Location

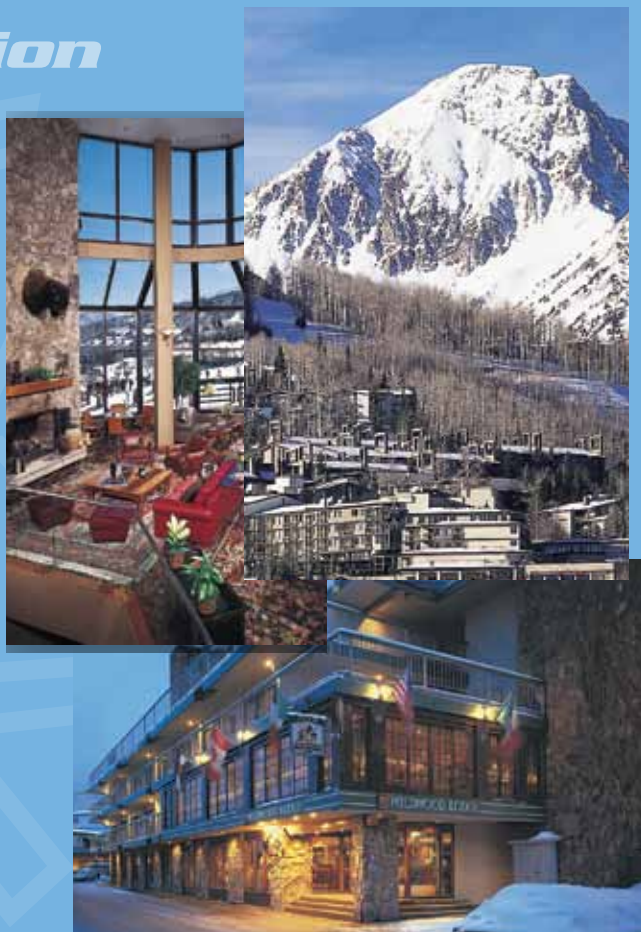
Snowmass Village is a beautiful area, perfect for wintertime fun. Nestled in the Colorado Rockies, Snowmass provides a serene backdrop for this educational program.

The Silvertree Hotel is the Village's full-service, ski-in, ski-out hotel. Improvements include a remodel of all public areas of the hotel and the addition of high-speed, wireless Internet access throughout The Silvertree Hotel, Wildwood Lodge and the Snowmass Conference Center.

The Wildwood Lodge offers the relaxed atmosphere and comfort of a mountain lodge.

When you register for the conference, remember to make lodging reservations as well. The Silvertree Hotel, Wildwood Lodge, and Village Property Management are holding a limited number of rooms at a discounted price until January 18, 2012.

To make reservations, call (800) 525-9402. Reservations will be accepted based on availability.



Tuition

Full Program	\$1300
Spinal Program Only (Feb. 19-21)	\$1100
Cranial Program Only (Feb. 21 - 23)	\$1100
Residents/Fellows, Nurses, Physician Assistants	\$600
(Full Program Only)	

**Registration deadline:
February 10, 2012**

For more detailed information and to register, visit www.winterclinics.com.



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Globus Medical, Integra, K2M, Inc., Lanx, Inc.,
Medtronic, Pioneer Surgical,
ProNerve, LLC, Spineology**

* as of November 29, 2011

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Faculty

Brigham and Women's Hospital

Michael Groff, MD, FACS

Case Western Reserve University

Michael Steinmetz, MD

Cedars-Sinai Center for Spinal Disorders

Neel Anand, MD, Mch Orth

Cleveland Clinic

Joung Lee, MD

Bjorn Lobo, MD

R. Douglas Orr, MD

Cornell University

Roger Härtl, MD

Goodman Campbell Brain and Spine

Troy Payner, MD

Eric Potts, MD

High Mountain Brain & Spinal Surgery

Claudio Feler, MD

Johns Hopkins University

Alessandro Olivi, MD

Liberty Neurosurgery Specialists

Maurice Collada, Jr., MD

Louisiana State University

Bharat Guthikonda, MD

Mayo Clinic

Bret Ball, MD, PhD

Douglas Chyatte, MD

H. Gordon Deen, MD

Ricardo Hanel, MD, PhD

Stephen Pirris, MD

Robert Spinner, MD

McGill University, Canada

Marie-Noëlle Hébert-Blouin, MD

Methodist Neurological Institute

Robert Parrish, MD, PhD

Michigan Head & Spine Institute

Mick Perez-Cruet, MD, MS

Northwestern University

Richard Fessler, MD, PhD

Ohio State University

H. Francis Farhadi, MD, PhD

Oregon Health & Science University

Edmund Frank, MD, FACS

Springfield Neurological and Spine Institute

Chad Morgan, MD

St. Vincent's Spine and Brain Institute

Eric Nottmeier, MD

Texas Back Institute

Michael Hisey, MD

The Spine Clinic of Los Angeles at Good Samaritan Hospital

Larry Khoo, MD

Thomas Jefferson University Hospital

David Andrews, MD

University of Arizona

Allan Hamilton, MD, FAANS, FACS

University of Cincinnati / Mayfield Clinic

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University of Michigan

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University of Pennsylvania

Eric Zager, MD, FACS

University of Texas, MD Anderson Cancer Center

Jeffrey Weinberg, MD, FACS

University of Wisconsin

Angad Hanna, MD

Vanderbilt University

Matthew McGirt, MD