

2010

the winter clinics
for cranial & spinal surgery

mayfield clinic . mayo clinic . the cleveland clinic
methodist neurological institute, houston
jointly sponsored by AANS

Snowmass, Colorado

Sunday, Feb. 21 - Thursday, Feb. 25, 2010

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:

- Describe and review alternative options in management of malignant glioma.
- Discuss and review recent advances in management of neurosurgical patients in the ICU environment.
- Review the complex anatomy of the base of the skull with the different relationships of the neurovascular structures that transverse it and the importance of such structures on the development of the established and new surgical corridors that allow access for a variety of lesions frequently found along the anterior, middle and posterior base of the skull.
- Discuss the development phases of skull base surgery and the various new trajectories that it has attained.
- Describe the assessment of primary and adjuvant treatment paradigms for a variety of common skull base lesions with special emphasis on acoustic neuromas, meningiomas and pituitary adenomas both at initial presentation and at recurrence.
- Introduce and review some of the alternative options in management of ischemic disease and vascular malformations.
- Review new MRI-guided DBS implant methods in relation to other methods.
- Describe the epidural lipomatosis disorder and rate of occurrence in a patient group that is different than previously understood.
- Review the pathophysiology of a rare vascular anomaly (type V cerebral dural arteriovenous fistula).
- Review evidence and illustrate clinical examples on radiosurgical treatment for brain and spine metastases.
- Discuss cases coded by physicians as well as an experienced coder to illustrate disparities.
- Review of new 2010 codes applicable to neurosurgeons and spine surgeons.
- Introduce and review the most contemporary classification schema for spondylolisthesis and to discuss the latest trends and developments in surgical management.
- Introduce and review the contemporary evaluation, pathophysiology, classification, and treatment of cervical myelopathy and deformity.
- Describe the capabilities and limitations of lumbar interbody fusion techniques, and how to optimize treatment choices to suit the unique needs of each patient.
- Describe the evaluation and management of common neuropathies of the upper limb versus cervical radiculopathy.

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 educational activity for a maximum of 25 AMA PRA Category 1 Credit(s)[™]. Physicians should only claim credit commensurate with the extent of their participation in the activity.

Sunday, February 21, 2010

7:00 - 9:30am: Malignant Glioma

Moderator: Christopher McPherson, MD

Metabolic Based Imaging of Malignant Gliomas: The Utility of PET Imaging and MR Spectroscopy
Bharat Guthikonda, MD

MGMT and Other Brain Tumor Markers - Are They Ready for Prime Time?
Glen H. J. Stevens, DO, PhD

A Review of New Biologically Targeted Treatments for Malignant Gliomas
David W. Andrews, MD

Progress in Defining Glioma Molecular Subtypes with Advanced MRI
Donald M. O'Rourke, Jr., MD

Brain Tumor Resection Guided by 5-ALA Immunofluorescence
George Bovis, MD

Use of Combined fMRI and DTI for Image Guided Resection of Brain Tumors In and Near Eloquent Cortex
Christopher McPherson, MD

Case Presentations

4:00 - 6:30pm: TBI / Neurocritical Care

Moderator: Lori Shutter, MD

Impact of TBI Management Guidelines
Roger Hartl, MD

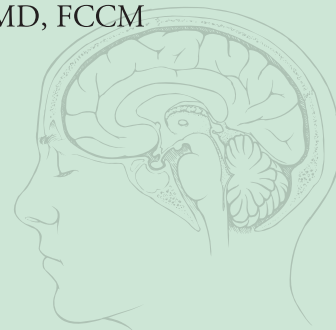
Advanced Neuromonitoring: Beyond ICP & CPP
Lori Shutter, MD

Breathe Deep: Ventilators & Pulmonary Care
Erin Grise, MD

Keep the Beat: Cardiac Care in the NSICU
William Knight, IV, MD

Fever, Food & Clots: Essentials of Neurocritical Care
J. Javier Provencio, MD, FCCM

Case Presentations



Monday, February 22, 2010

7:00 - 9:30am: Skull Base Surgery

Moderator: Jeffrey T. Keller, PhD

What Can Shakespeare Teach Us About Skull Base Surgery?

Harry R. van Loveren, MD

40 Years of Skull Base Surgery: What Have We Learned?

John M. Tew, Jr., MD

Retrosigmoid vs. Posterior Petrousectomy: Is One Really Better Than the Other?

Michael J. Link, MD

Early vs. Late Outcome Following Meningioma Surgery

Joung H. Lee, MD

Anatomy: Does It Hold the Key to the Future of Surgical Development?

Jeffrey T. Keller, PhD

The New Skull Base Surgery: Gimmick or Innovation?

Philip V. Theodosopoulos, MD

Case Presentations

4:00 - 6:30pm: Cerebrovascular

Moderator: Mario Zuccarello, MD

An Argument for the Surgical Treatment of Acute Ischemic Stroke Patients

Gavin W. Britz, MD, MPH

Decision Analysis in the Treatment of Patients with Unruptured Cerebral Aneurysms

Mario Zuccarello, MD

Is Radiosurgery or Microsurgery the First Option for Cerebral AVMs?

Ricardo A. Hanel, MD, PhD

Update on the Surgical or Endovascular Treatment of Patients with Carotid Disease

Todd A. Abruzzo, MD

Case Presentations



Tuesday, February 23, 2010

7:00 - 9:30am: General Neurosurgery

Moderator: Jeffery T. Keller, PhD

DBS Implantation Within a Diagnostic MRI: Development of a New Surgical Approach

Philip A. Starr, MD, PhD

Deep Brain Stimulation

Richard K. Simpson, Jr., MD, PhD

Trends Over Time in the Treatment of 2354 Patients with Cerebral Aneurysms: A Single Practice Experience

Troy D. Payner, MD

Spinal Epidural Fistula vs. Dural Fistula

Richard Klucznik, MD

Vertebral Augmentation

Hani Haykal, MD

Epidural Lipomatosis: A Growing Problem or Have We Just Missed It?

Edmund Frank, MD

Locked-In Syndrome: Can It Be Unlocked?

Ioannis Fouyas, MD, PhD, FRCS

Metastatic Brain and Spine Disease: It's Not Over Until the Surgeon Beams

Marco Lee, MD, PhD, FRCS

4:00 - 6:30pm: Medical Coding

Moderators:

Chad J. Morgan, MD & William D. Tobler, MD

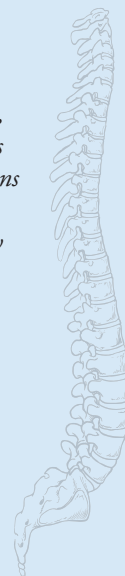
Overcoming Disparities in Surgical Case Coding

Kim Pollock, RN, MBA, CPC

What's New for CPT in 2010

Kim Pollock, RN, MBA, CPC

Coding physician services is an extremely important part of the reimbursement process, or revenue cycle. The purpose of this session is to present and review cases coded by physicians as well as an experienced coder to illustrate disparities. Additionally, a review of the new 2010 codes applicable to neurosurgeons and spine surgeons will be presented.



Wednesday, February 24, 2010

7:00 - 9:30am: Spondylolisthesis

Moderator: Robert J. Bohinski, MD, PhD

Spondylolisthesis - Pathophysiology and Classification

Robert J. Bohinski, MD, PhD

Treatment of Low Grade Spondylolisthesis

Richard G. Fessler, MD, PhD

Treatment of High Grade Spondylolisthesis

Chad J. Morgan, MD

Case Presentation

Claudio A. Feler, MD

H. Gordon Deen, MD

William E. Krauss, MD

Richard Schlenk, MD

4:00 - 6:30pm: Cervical Myelopathy / Deformity

Moderator: Charles Kuntz, IV, MD

Evaluation and Pathophysiology

Charles Kuntz, IV, MD

Treatment Guidelines for Myelopathy

Michael W. Groff, MD, FACS

Management of Cervical Deformity

Michael P. Steinmetz, MD

Case Presentations

Robert G. Parrish, MD, PhD

Gregory R. Trost, MD

Joseph S. Cheng, MD, MS

Colby Maher, MD



Thursday, February 25, 2010

7:00 - 9:30am: Lumbar Interbody Fusion

Moderator: William D. Tobler, MD

Evaluation of Spinal Alignment

Bradford A. Curt, MD

Anterior Treatment Options

R. Douglas Orr, MD

Posterior Treatment Options

William D. Tobler, MD

Case Presentations

Mick J. Perez-Cruet, MD

Larry T. Khoo, MD

Neel Anand, MD, Mch Orth

Michael W. Groff, MD, FACS

4:00 - 6:30pm: Radiculopathy / Neuropathy

Moderator: Robert J. Spinner, MD

Pathophysiology and Evaluation

Marie-Noëlle Hébert-Blouin, MD

Treatment of Thoracic Outlet

Eric L. Zager, MD, FACS

Management of Ulnar Neuropathy

Robert J. Spinner, MD

Management of Carpal Tunnel Syndrome

Shon Cook, MD

Case Presentations

Marie-Noëlle Hébert-Blouin, MD

Eric L. Zager, MD, FACS

Robert J. Spinner, MD

Shon Cook, MD

Charles Kuntz, IV, MD



Lodging and Location

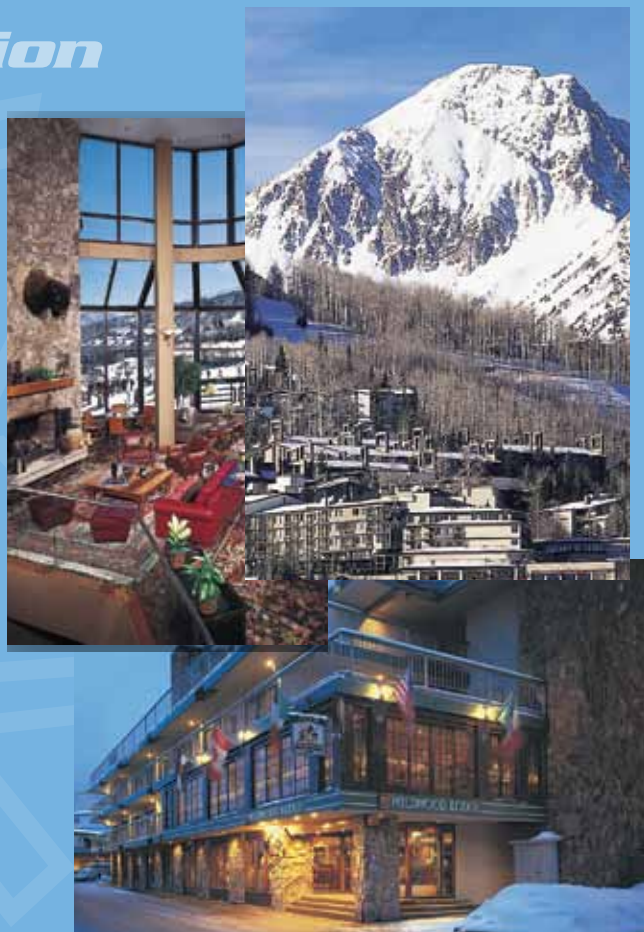
Snowmass Village is a beautiful resort area perfect for wintertime fun. Nestled in the Colorado Rockies, Snowmass provides a serene backdrop for skiing, snowboarding, shopping, dining, and relaxing.

The Silvertree Hotel is the Village's only 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.

Village Property Management Condominiums offers value-priced studios to spacious, private residences. Accommodations are available directly on the slopes or just a short shuttle ride away.

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 14, 2010. To make reservations, call (800) 525-9402. Reservations will be accepted based on availability.



Tuition

Full Program	\$1300
Cranial Program Only (Feb. 21-23)	\$1100
Spinal Program Only (Feb. 23-Feb. 25)	\$1100
Residents/Fellows, Nurses, Physician Assistants	\$600
(Full Program Only)	

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

Registration deadline:
February 5, 2010

Exhibitors*

 **DePuy Spine**™
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 **NUVASIVE**®
Creative Spine Technology®

Integra Spine, K2M, Inc., Zimmer Spine

* as of November 16, 2009



Faculty

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Cleveland Clinic

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J. Javier Provencio, MD, FCCM

Richard Schlenk, MD

Michael P. Steinmetz, MD

Glen H.J. Stevens, DO, PhD

Cornell University

Roger Hartl, MD

Duke University

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