

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 and physician assistants

After completing this educational activity, participants should be able to:

- Summarize the minimally invasive approach to ordinary and extraordinary cranial and spinal surgery.
- Review neurocritical care issues in cranial and spinal patients.
- Summarize and evaluate the treatment of minimally invasive spinal surgery.
- Assess and evaluate kyphoplasty and vertebroplasty.
- Evaluate the treatment of spinal deformity and traumatic spinal injury.
- Assess motion preservation techniques in spinal surgery.
- Describe the latest technologies for cervical and lumbar arthroplasty.
- Review and evaluate the treatment of degenerative spinal disease.
- Discuss and evaluate the treatment of peripheral nerve injuries and tumors.
- Review principles of traumatic brain injury and neurocritical care.
- Assess the treatment of intra- and extracranial occlusive atherosclerotic disease.
- Discuss the treatment options for lesions of the skull base, including surgical techniques.
- Examine the application of radiosurgery for the treatment of intracranial pathologies.
- Discuss various treatment modalities for intracranial neoplasms, including medical management, surgery and radiation.
- Compare and contrast endovascular treatment of cerebrovascular lesions.

CME

This activity has been planned and implemented in accordance with the Essentials and Standards of the Accreditation Council for Continuing Medical Education (ACCME) through the joint sponsorship of the 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 24, 2008

7:00 - 9:30am: Minimally Invasive Spine

Moderator: Charles Kuntz, IV, MD

Presacral Approach for Interbody Fusion: Technique and Pearls in over 150 Cases at the Mayfield Clinic
Robert J. Bohinski, MD, PhD

Presacral Approach for Interbody Fusion: Clinical and Radiographic Outcome at One Year
William D. Tobler, MD

Treatment of Vertebral Compression Fractures Resulting from Osteoporosis and Multiple Myeloma
Hani Haykal, MD

Single Level Reduction of Spondylolisthesis with a Percutaneous Pedicle Screw System
Claudio A. Feler, MD

Use of MIS in Morbidly Obese Patients
Richard G. Fessler, MD, PhD

Minimally Invasive Spinal Fusion: Operative Nuances
Mick J. Perez-Cruet, MD

Case Discussion

4:00 - 6:30pm: Deformity / Trauma

Moderator: William D. Tobler, MD

Neutral Upright Cervical Spinal Alignment
Michael W. Groff, MD

Neutral Upright Thoracic-Lumbar Spinal Alignment
Charles Kuntz IV, MD

Classification of Spinal Deformity
Charles Kuntz IV, MD

Fixation/Fusion Techniques in Adolescent Idiopathic Scoliosis
Atiq A. Durrani, MD

Treatment of the Elderly Scoliotic Patient
Julius Fernandez, MD

Timing of Surgical Intervention for Spinal Cord Injury
Michael P. Steinmetz, MD

Case Discussion

Monday, February 25, 2008

7:00 - 9:30am: Motion / Fusion

Moderator: Robert J. Bohinski, MD, PhD

Artificial Facet Replacements – Early Data Trends and Results of IDE and OUS Series
Larry T. Khoo, MD

Posterior Dynamic Stabilization of the Lumbar Spine
William C. Welch, MD

Cervical Arthroplasty and Results of RCT with Metal on Poly Implant Versus Fusion
Michael Janssen, MD

Extreme Lateral Interbody Fusion (XLIF) for Scoliosis
Neel Anand, MD

Primary Repair of Pars Defects in Young Athletes
Atiq A. Durrani, MD

Minimally Invasive L5-S1 Fusion and Correction for Adult Scoliosis
Neel Anand, MD

Case Discussion

4:00 - 6:30pm: Degenerative Disease

Moderator: William D. Tobler, MD

Pathobiology of Painful DDD and Treatment Using a Prosthetic Nucleus Replacement
Charles D. Ray, MD, FACS, FRSH

Concept to Market Pitfalls: C1 Lateral Mass Screws
Edmund Frank, MD, FACS

Prophylactic Surgery of the Cervical Spine
H. Gordon Deen, MD

Early Disk Recurrence after Minimally Invasive Discectomy
Douglas Schyatte, MD

Noninstrumented Fusion Using BMP
Eric W. Nottmeier, MD

Experience with Neurosurgical Treatment of Intradural Extramedullary Spinal Cord Tumors
Kenan Arnaoutic, MD

The History and Approaches for Lumbar Interbody Fusion
William D. Tobler, MD

Case Discussion

Tuesday, February 26, 2008

7:00 - 9:30am: Peripheral Nerve

Moderator: Robert J. Spinner, MD

Management of Peripheral Nerve Tumors in NF Patients
Robert J. Spinner, MD

Spinal Cord Stimulation Devices: The More the Merrier?
Claudio A. Feler, MD

Intrathecal Baclofen Pumps for Spasticity
Richard K. Simpson, Jr., MD, PhD

Entrapment Neuropathies of the Upper Extremity
Eric L. Zager, MD

Nerve Transfers in Peripheral Nerve and Brachial Plexus Surgery
Robert J. Spinner, MD

Case Discussion

4:00 - 6:30pm: Traumatic Brain Injury

Moderator: Lori A. Shutter, MD, PT

Intraoperative Coagulopathy Management: Stop the Bleeding!
Lindsey A. Nelson, MD

Multi-modality Neuro-monitoring in the NSICU
J. Javier Provencio, MD, FCCM

ABCs of Neurocritical Care
Lori A. Shutter, MD, PT

TBI Clinical Trials
Raj K. Narayan, MD

Evidence-based Management of Sports Related Concussion
Michael W. Collins, PhD

Field Assessment of TBI
Robert G. Parrish, MD, PhD

Case Discussion

Wednesday, February 27, 2008

7:00 - 9:30am: Cerebrovascular

Moderator: Mario Zuccarello, MD

Overview of Occlusive Atherosclerotic Disease
David A. Miller, MD

The Role of Carotid Endarterectomy in Extracranial Carotid Disease
Gavin W. Britz, MD, MPH, FACS

The Role of Angioplasty and Stenting in Extracranial Carotid Disease
Christopher Koebe, MD

The Role of Angioplasty and Stenting in Intracranial Vascular Disease: Anterior Circulation
Arvind Ahuja, MD

The Role of Angioplasty and Stenting in Intracranial Vascular Disease: Posterior Circulation
Todd A. Abruzzo, MD

The Role of Surgical Revascularization
Mario Zuccarello, MD & Troy D. Payner, MD

Discussion

4:00 - 6:30pm: Skull Base Surgery

Moderator: Harry R. van Loveren, MD

Skull Base Surgery: My Worst Complication and What I Learned from the Experience

Siviero Agazzi, MD

Sebastian Froelich, MD

Joung H. Lee, MD

Michael J. Link, MD

Harry R. van Loveren, MD

Case Discussion

Thursday, February 28, 2008

7:00 - 9:30am: Neuro-oncology: Metastases

Moderator: David W. Andrews, MD

A Current Review of Level I Data for Treatment of Brain Metastases
Roy A. Patchell, MD

The Surgical Approach to Brain Metastases
Donald M. O'Rourke, MD

The RTOG Experience: Past and Ongoing Clinical Trials for Brain Metastases: What We Are Learning
Walter J. Curran, Jr., MD, FACR

Indications for the Use of Anti-epileptic Medication in Brain Metastases Patients
Glen H.J. Stevens, DO, PhD

Building Guidelines for the Treatment of Brain Metastases
David W. Andrews, MD

Case Discussion

4:00 - 6:30pm: General Neurosurgery

Moderator: Michael J. Link, MD

Awake Mapping for Glioma Surgery
Fredric B. Meyer, MD

Integration of Functional Imaging for Eloquent Glioma Surgery
Bharat Guthikonda, MD

Co-registration of Tractography and FURI Data with Intraoperative Neuronavigation
John M. Teiw, Jr., MD & Bharat Guthikonda, MD

Practical Aspects of Speech – Motor Control
David B. Rosenfield, MD

Preoperative Devascularization of CNS Tumors
Richard Klucznik, MD

Characterization of Immune Phenotype in Patients with Glioblastomas
Kent C. New, MD, PhD

Spontaneous Regression of Contralateral Vestibular Schwannoma Following Removal of Large VS in NF2
Kajetan von Eckardstein, MD

Case Discussion

Lodging and Location

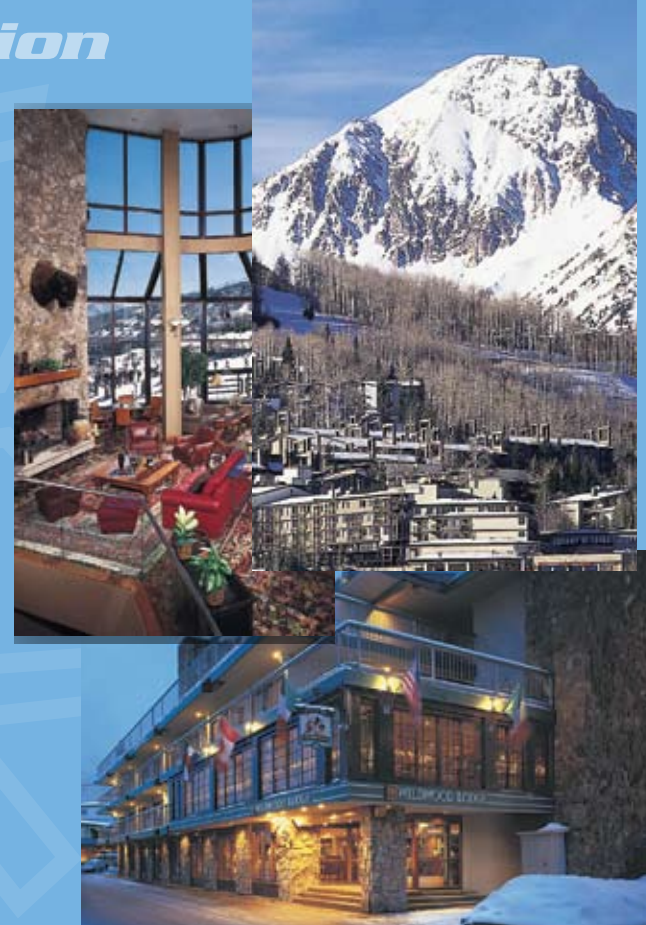
Snowmass Village is a beautiful resort area perfect for wintertime fun. Nestled in the Colorado Rockies, Snowmass provides a serene backdrop for skiing, snowboarding, shopping, dining, and relaxing.

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 17, 2008. To make reservations, call (800) 525-9402. Reservations will be accepted based on availability.



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

Registration deadline: February 8, 2008

Tuition

Full Program	\$1300
Spinal Program Only (Feb. 24-26)	\$1100
Cranial Program Only (Feb. 26-Feb. 28)	\$1100
Residents/Fellows, Nurses, Physician Assistants (Full Program Only)	\$600

Exhibitors*



Anspach • Leica Microsystems • Stryker • Theken Spine • Zimmer Spine

* as of November 30, 2007

Faculty

Cedars-Sinai Medical Center
Neel Anand, MD

Center for Spinal Disorders, P.C.
Michael Janssen, MD

Cleveland Clinic
Joung H. Lee, MD
J. Javier Provencio, MD, FCCM
Michael P. Steinmetz, MD
Glen H.J. Stevens, DO, PhD

Duke University
Gavin W. Britz, MD, MPH, FACS

Harvard University
Michael W. Groff, MD

Indianapolis Neurosurgical Group
Troy D. Payner, MD

Louisiana State University
Bharat Guthikonda, MD

Mayo Clinic
Douglas Schyatte, MD
H. Gordon Deen, MD
Michael J. Link, MD
Fredric B. Meyer, MD
David A. Miller, MD
Kent C. New, MD, PhD
Eric W. Nottmeier, MD
Robert J. Spinner, MD
Kajetan von Eckardstein, MD

Methodist Neurological Institute
Hani Haykal, MD
Richard Klucznik, MD
Robert G. Parrish, MD, PhD
David B. Rosenfield, MD
Richard K. Simpson, Jr., MD, PhD

Michigan Head & Spine Institute
Mick J. Perez-Cruet, MD

Midwest Neurosurgical Associates
Arvind Ahuja, MD

Northwestern University
Richard G. Fessler, MD, PhD

Oregon Health & Science University
Edmund Frank, MD, FACS

Semmes-Murphy Neurologic & Spine Institute
Kenan Arnaoutic, MD
Claudio A. Feler, MD
Julius Fernandez, MD

Thomas Jefferson University Hospital
David W. Andrews, MD
Walter J. Curran, Jr., MD, FACR

University of California, Los Angeles
Larry T. Khoo, MD

University of Cincinnati/Mayfield Clinic Cincinnati Children's Hospital Medical Center
Todd A. Abruzzo, MD
Lindsey A. Nelson, MD
Robert J. Bohinski, MD, PhD
Jeffrey T. Keller, PhD
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University of South Florida
Siviero Agazzi, MD

Harry R. van Loveren, MD

University of Strasbourg
Sebastian Froelich, MD

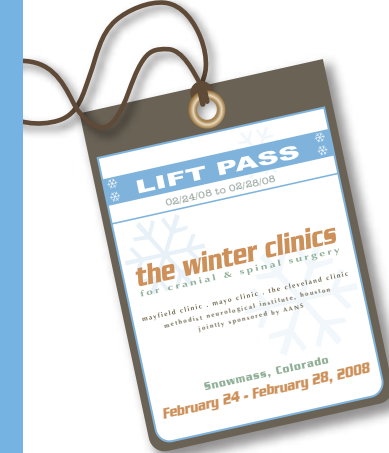
Willford Hall Medical Center, Lackland AFB, Texas
Christopher Koebe, MD

Charles D. Ray, MD, FACS, FRSH



2008

MAYFIELD CLINIC
506 Oak Street
Cincinnati, Ohio 45219



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the winter clinics
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jointly sponsored by AANS

Snowmass, Colorado

Sunday, Feb. 24 - Thursday, Feb. 28, 2008