



# Mayfield Winter Neuroscience Symposium

“Advances in Clinical Neurosurgery, 1996”

February 24-March 1, 1996  
Snowmass Conference Center  
Snowmass, Colorado

BASE ELEVATION: 6,900'

## **The Mayfield Winter Neuroscience Symposium**

### ***Advances in Clinical Neurosurgery, 1996***

You're invited to attend one of neuroscience's most exciting neurosurgical symposiums. This year's event, *Advances in Clinical Neurosurgery, 1996*, covers a wide range of topics, including: spine, vascular, tumors, functional neurosurgery and more. Each day of the meeting is divided into morning and late afternoon sessions, leaving mid-day sessions open for skiing and enjoying the beautiful scenery of Snowmass Mountain, one of Colorado's highest peaks.

### **Course Directors**

John M. Tew, Jr., M.D.	Harry R. van Loveren, M.D.
Thomas S. Berger, M.D.	Jeffrey T. Keller, Ph.D.
William D. Tobler, M.D.	Thomas A. Tomsick, M.D.

### **Objectives**

At the completion of the symposium, participants will be able to:

- Implement appropriate current treatment modalities for cervical and lumbar spinal disease;
- Identify and implement the proper surgical treatment of aneurysms;
- Understand and implement the proper treatment for vascular lesions;
- Recognize current approaches to the treatment of various neurosurgical functional disorders;
- Determine the applicability of new technologies involving tumor resection to individual practices.

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Sponsored by  
The University of Cincinnati Medical Center Department of Neurosurgery  
and The Department of Continuing Medical Education in conjunction with  
Mayfield Neurological Institute.



## Program

SUNDAY, FEBRUARY 25, 1996

ARRIVAL

MONDAY, FEBRUARY 26, 1996: Vascular Session I: Aneurysm

- 7:00-7:30 a.m. The Natural History of Aneurysms  
*Douglas Chyatte, M.D.*
- 7:30-8:00 a.m. CT, MRI, MRA Diagnosis of Aneurysms  
*Thomas Tomsick, M.D.*
- 8:00-8:30 a.m. GDC Coil Rx Versus Clipping  
*Thomas Tomsick, M.D. and John M. Tew, Jr., M.D.*
- 8:30-9:00 a.m. Clipping After Unsuccessful Coiling  
*Nicolas de Tribolet, M.D.*

MONDAY AFTERNOON SESSION: Vascular II

- 4:00-4:30 p.m. Current Concepts in Vasospasm: From Bench to Clinic  
*Mario Zuccarello, M.D.*
- 4:30-5:00 p.m. Vasospasm: Innovative Rx  
*Thomas Tomsick, M.D.*
- 5:00-5:30 p.m. Strategy for Treatment of Deep AV Malformations  
*John M. Tew, Jr., M.D.*
- 5:30-6:00 p.m. Management of the Aneurysm Patient: The Role of the Neurointensivist  
*Peter Ernst, M.D.*
- 6:00-6:30 p.m. Firing Line: Management of Aneurysms

TUESDAY, FEBRUARY 27, 1996: Spinal Session I

- 7:00-7:30 a.m. Peridural Fibrosis and Its Inhibition  
*Nicolas de Tribolet, M.D.*
- 7:30-8:00 a.m. Far Lateral Approach to Lumbar Discs  
*William Tobler, M.D.*
- 8:00-8:30 a.m. The Management of Spinal Cord Injury  
*Andrew Ringer, M.D.*
- 8:30-9:00 a.m. The Management of Syringomyelia  
*Thomas Berger, M.D.*

TUESDAY, AFTERNOON SESSION: Spinal Session II: Spinal Stabilization

- 4:00-4:30 p.m. Embryologic and Anatomical Considerations of the  
Craniocervical Junction  
*Jeffrey T. Keller, Ph.D.*
- 4:30-5:00 p.m. C1-C2 Fixation  
*Harry van Loveren, M.D.*
- 5:00-5:30 p.m. 360 Fixation  
*Alfred Kahn, M.D.*
- 5:30-6:30 p.m. Open Papers

WEDNESDAY, FEBRUARY 28, 1996:

Spinal Session III

- 7:00-7:30 a.m. Endoscopic Lumbar Discectomy  
*Ed Frank, M.D.*
- 7:30-8:00 a.m. Endoscopic Thoracic Sympathectomy  
*William Tobler, M.D.*
- 8:00-8:30 a.m. Endoscopic: Technical Demonstration  
*Ed Frank, M.D.*
- 8:30-9:00 a.m. Firing Line  
*Rob Parrish, M.D.*

WEDNESDAY AFTERNOON SESSION: The "Business" of Neurosurgery

- 4:00-4:30 p.m. Economics of Neurosurgery ICU Readmission: Causes, Costs and Prevention  
*Joseph Hahn, M.D.*
- 4:30-5:00 p.m. Aneurysms: Cost Accounting  
*Douglas Chyatte, M.D.*
- 5:00-5:30 p.m. The Mayfield Model and Its Response to Antitrust and Stark II Legislation  
*Harry van Loveren, M.D.*
- 5:30-6:00 p.m. Cost Effectiveness of Diagnostic Imaging and Neurointerventional Therapy  
*Thomas Tomsick, M.D.*
- 6:00-6:30 p.m. The Private Practice of Neurosurgery

THURSDAY, FEBRUARY 29, 1996: Tumors: Session I

- 7:00-7:30 a.m. Surgical Anatomy of the Petroclival Region  
*Jeffrey T. Keller, Ph.D.*
- 7:30-8:00 a.m. Petrosal Approach to Petroclival Meningiomas  
*Harry van Loveren, M.D.*
- 8:00-8:30 a.m. Far Lateral Approach to Foramen Magnum Lesions  
*John M. Tew, Jr., M.D.*
- 8:30-9:00 a.m. Transfacial Approaches to Clival Tumors  
*Harry van Loveren, M.D.*

THURSDAY, AFTERNOON SESSION: Tumors: Session II

- 4:00-4:30 p.m. Molecular Biology of Meningiomas  
*Joung Lee, Ph.D.*
- 4:30-5:00 p.m. Gene Therapy for Meningiomas  
*Jim Fick, M.D.*
- 5:00-5:30 p.m. Molecular Biology of Malignant Gliomas  
*David Miller, M.D.*
- 5:30-6:00 p.m. P53 and Angiogenesis  
*Nicolas de Tribolet, M.D.*

6:00-6:30 p.m. Stereotactic Biopsy Using  
Neuronavigation Frameless Stereotaxy  
*William Tobler, M.D.*

FRIDAY, MARCH 1, 1996: Vascular Session III

- 7:00-7:30 a.m. Multicenter Intracerebral Hemorrhage Study: Surgical  
Versus Medical Management  
*Mario Zuccarello, M.D.*
- 7:30-8:00 a.m. Innovative Treatment of Intracerebral Hemorrhage  
*William Tobler, M.D.*
- 8:00-8:30 a.m. Carotid Endarterectomy: Results of the Randomized Clinical Trials  
*Mario Zuccarello, M.D.*
- 8:30-9:00 a.m. Carotid Endarterectomy: Technical Considerations  
*Douglas Chyatte, M.D.*

FRIDAY AFTERNOON SESSION: Functional Neurosurgery

- 4:00-4:30 p.m. Movement Disorders: The Revival of Pallidotomy  
*Jamal Taha, M.D.*
- 4:30-5:00 p.m. Management of Spasticity  
*Thomas Berger, M.D.*
- 5:00-5:30 p.m. Pain Pumps and Wires  
*Jeffrey Brown, M.D.*
- 5:30-6:30 p.m. Controversies in the Treatment of Facial Pain  
*Moderator: Jeffrey Brown, M.D.*  
*Panel: John M. Tew, Jr., M.D., Jamal Taha, M.D.*

## Faculty

**Hiroshe Abe, M.D.**  
Hokkaido, Japan

**Thomas S. Berger, M.D.**  
Cincinnati, Ohio

**Jeffrey Brown, M.D.**  
Toledo, Ohio

**Douglas Chyatte, M.D.**  
Cleveland, Ohio

**Nicolas deTribolet, M.D.**  
Lausanne, Switzerland

**Peter Ernst, M.D.**  
Cincinnati, Ohio

**James Fick, M.D.**  
San Francisco, California

**Edmund Frank, M.D.**  
Portland, Oregon

**Joseph F. Hahn, M.D.**  
Cleveland, Ohio

**Rudolph Fahlbusch, M.D.**  
Erlangen, Germany

**Faculty** (continued)

**Alfred Kahn, III, M.D.**  
Cincinnati, Ohio

**John M. Tew, Jr., M.D.**  
Cincinnati, Ohio

**Jeffrey T. Keller, Ph.D.**  
Cincinnati, Ohio

**William D. Tobler, M.D.**  
Cincinnati, Ohio

**Joung H. Lee, M.D.**  
Cleveland, Ohio

**Thomas A. Tomsick, M.D.**  
Cincinnati, Ohio

**David Miller, M.D.**  
Cleveland, Ohio

**Harry R. van Loveren, M.D.**  
Cincinnati, Ohio

**Rob Parrish, M.D.**  
Houston, Texas

**Mario Zuccarello, M.D.**  
Cincinnati, Ohio

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*Advances in Clinical Neurosurgery, 1996*  
**Registration Form (Please Print)**

Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Telephone \_\_\_\_\_ Fax \_\_\_\_\_

Social Security # \_\_\_\_\_

**Course registration limited. Deadline: February 9, 1996**

TUITION: \$750

Make check payable to: NEUROSCIENCES FOUNDATION

Mail to:

Sheila Stuckey, Coordinator  
Mayfield Neurological Institute, 506 Oak Street  
Cincinnati, Ohio 45219  
Phone: 1-800-325-7787 Fax: 513-569-5365

### **Times**

7:00-9:00 a.m. and 4:00-6:30 p.m. daily. The midday break is provided to allow ample time for skiing and enjoying other recreational activities at Snowmass.

### **Accreditation**

The University of Cincinnati College of Medicine is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to sponsor continuing medical education for physicians.

The University of Cincinnati College of Medicine designates this continuing medical education activity for 21.5 hours of Category I credit of the physicians Recognition Award of the American Medical Association.

### **Accommodations/Hotel Reservations**

The Silvertree Hotel, which is adjacent to the conference center, and The Snowmass Lodge and Club are holding a limited number of rooms. Reservations may be made by calling 800-598-2004. Reservation deadline is January 15, 1996.

### **Tuition**

\$750.00 payable with pre-registration. A cancellation fee will be charged for withdrawals after February 14, 1996. All foreign payments must be made by a draft on a U.S. bank.

### **Transportation**

For air travel from Denver to Aspen, United Airlines has provided a limited block of seats for round trip travel from Denver to Aspen at bulk fares. These seats are only available through Snowmass Central Travel by calling, 1-800-598-2004 or 1-800-SNOWMASS.

### **Information**

For further information write or phone: Sheila Stuckey, Coordinator, Mayfield Neurological Institute, 506 Oak St., Cincinnati, Ohio 45219. Phone 800-325-7787, ext. 5251; fax 513-569-5365.