



# Mayfield Winter Neurosurgical Symposium

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“Advances in Clinical Neurosurgery, 1995”

**February 27-March 3, 1995**  
Snowmass Conference Center  
Snowmass, Colorado

As an organization for continuing medical education,  
The Christ Hospital certifies that this CME activity meets  
the criteria for 25 credit hours in Category I.

**Presented by**  
**Mayfield Neurological Institute**  
**University of Cincinnati Medical Center Department of Neurosurgery**  
**University of Cincinnati Hospital**  
**The Christ Hospital, Good Samaritan Hospital,**  
**and Children's Hospital Medical Center**

## **The Mayfield Winter Neurosurgical Symposium**

### ***Advances in Clinical Neurosurgery, 1995***

You're invited to attend one of neuroscience's most exciting neurosurgical symposiums. This year's event, *Advances in Clinical Neurosurgery, 1995*, covers a wide range of topics, including: stereotaxis, various treatments for trigeminal neuralgia, stabilization of complex spinal deformities, clinical uses of the endoscope in cranial neurosurgery, treatments for the tethered spinal cord, treatments for ruptured and unruptured aneurysms, and so much more.

Each day of the program is divided into morning and evening sessions, leaving mid-day sessions open for skiing and enjoying the beautiful scenery of Snowmass Mountain, one of Colorado's highest peaks.

### **Course Directors**

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

### **Objectives**

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

- Identify and evaluate the various treatment modalities for trigeminal neuralgia;
- Understand treatment of carotid cavernous fistulas;
- Implementation of various treatment modalities for subarachnoid hemorrhage;
- Recognize the various approaches in the treatment of aneurysms, both ruptured and unruptured;
- Understand the application of two frameless stereotaxy: Mayfield ACCISS and OAC stereotactic wand for the treatment of intracranial lesions.
- Apply the various clinical uses of endoscopy in neurosurgery;
- Recognize intraventricular anatomy and the clinical uses of the endoscope in cranial neurosurgery;
- Identify the various types of shunt systems available and their clinical uses;
- Formulate a complete understanding of orbitozygomatic osteotomy for clinoid region tumors;
- Identify and evaluate the various stabilization techniques for the lumbar spine;
- Identify and evaluate the various stabilization techniques for the cervical spine;
- Identify the pathogenesis, clinical recognition, neuroradiologic evaluation and treatment of the tethered spinal cord.

## Program

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- SUNDAY, FEBRUARY 26      Arrival
- MONDAY, FEBRUARY 27—MORNING SESSION: Disorders of the Trigeminal Nerve
- 6:30-7:00 a.m.      Videotape Presentation-Trigeminal Neuralgia
- 7:00-7:30 a.m.      Portio Major and Minor: Current Anatomical and Physiological Considerations  
*Jeffrey T. Keller, Ph.D.*
- 7:30-8:15 a.m.      Comparison of Various Treatment Modalities for Trigeminal Neuralgia  
*John M. Tew, Jr., M.D.*
- 8:15-8:45 a.m.      Tumors of the Trigeminal Nerve  
*Harry van Loveren, M.D.*
- 8:45-9:00 a.m.      Percutaneous Endoscopy of the Trigeminal Nerve  
*Jeff Brown, M.D.*
- MONDAY AFTERNOON SESSION—Vascular Treatments
- 4:00-4:30 p.m.      15-Year Perspective on Treatment of Carotid Cavernous Fistula: Long Term Follow-up  
*Thomas Tomsick, M.D.*
- 4:30-5:00 p.m.      Evaluation and Treatment of Subarachnoid Hemorrhage  
*Thomas Tomsick, M.D., Adam Lewis, M.D.*  
*John M. Tew, Jr., M.D.*
- 5:00-6:30 p.m.      Treatment of Aneurysms: Ruptured and Unruptured Interventional or Surgical Approaches (Including Intraoperative Angiography)  
*Thomas Tomsick, M.D., John M. Tew, Jr., M.D.*  
*Harry van Loveren, M.D.*
- TUESDAY, FEBRUARY 28—MORNING SESSION: Stereotactic Radiosurgery
- 6:30-7:00 a.m.      Demonstration: Stereotactic Radiosurgery
- 7:00-7:30 a.m.      The Role of Fractionated Radiosurgery: Brachytherapy or Stereotactic  
*William Tobler, M.D.*
- 7:30-8:00 a.m.      Stereotactic Radiosurgery for Vascular Lesions and Benign Brain Tumors  
*John M. Tew, Jr., M.D.*
- 8:00-8:30 a.m.      Experimental Approaches for Treatment of Malignant Brain Tumors: Application of Laboratory Studies to Clinical Problems  
*Alessandro Olivi, M.D.*
- 8:30-9:00 a.m.      Discussion
- TUESDAY AFTERNOON SESSION
- 4:00-6:30 p.m.      Frameless Stereotaxy Workshop:
- Mayfield ACCISS Stereotactic Wand
  - OAC Stereotactic Wand
- William Tobler, M.D., Adam Lewis, M.D.*  
*John Tew, Jr., M.D., Harry van Loveren, M.D.*

WEDNESDAY, MARCH 1—MORNING SESSION: Cranial Endoscopy

- 6:30-7:00 a.m. Videotape: Cranial Endoscopy
- 7:00-7:30 a.m. An Anatomist's Perspective of Endoscopic Anatomy:  
Inside Looking Out  
*Jeffrey T. Keller, Ph.D.*
- 7:30-8:00 a.m. Cerebrospinal Fluid Shunt Systems  
*Thomas Berger, M.D.*
- 8:00-9:00 a.m. Clinical Use of the Endoscope in Neurosurgery  
*Adam Lewis, M.D.*

WEDNESDAY AFTERNOON SESSION

Changing Standards of Practice for the Treatment of Ophthalmic Segment  
Aneurysms and Sphenoid Wing Meningiomas

*Harry R. van Loveren, M.D., Jeffrey T. Keller, Ph.D.*

- 4:00-4:15 p.m. Sphenoid Wing Meningiomas
- 4:15-5:00 p.m. Orbitozygomatic Osteotomy Cadaveric Demonstration
- 5:00-5:15 p.m. Ophthalmic Segment Aneurysms
- 5:15-6:00 p.m. Posterior Orbitotomy and Clinoidectomy Cadaveric Demonstration
- 6:00-6:30 p.m. Closure—Craniofacial Reconstruction with Microplating Systems  
*Harry van Loveren, M.D., Jeff Brown, M.D.*

THURSDAY, MARCH 2—MORNING SESSION: Spine Stabilization

- 6:30-7:00 a.m. Videotape: Spine Stabilization
- 7:00-8:00 a.m. Lumbar Spine and Stabilization Techniques  
*William Rosenberg, M.D.*
- 8:00-9:00 a.m. Lumbar Case Presentations: Firing Line  
*Geoffrey Thomas, M.D.*

THURSDAY AFTERNOON SESSION

- 4:00-5:30 p.m. Demonstration of Cervical Spine Stabilization  
*John Tew, M.D., William Rosenberg, M.D.*
- 5:30-6:30 p.m. Cervical Spine Case Presentations: Firing Line  
*Rob Parrish, M.D.*

FRIDAY, MARCH 3—MORNING SESSION: Endoscopy

- 6:30-7:00 a.m. Videotape: Endoscopy
- 7:00-8:00 a.m. Management of Tethered Cord and Associated Conditions  
*Thomas Berger, M.D.*
- 8:00-9:00 a.m. Hands-on Use of The Endoscope in Neurosurgery  
*Adam Lewis, M.D.*

FRIDAY AFTERNOON SESSION

- 4:00-6:30 p.m. Cerebrovascular Case Presentations: Firing Line  
*Thomas Tomsick, M.D., John Tew, Jr., M.D.,  
Harry van Loveren, M.D.*

SATURDAY, MARCH 4 Departure

Mayfield Winter Neurosurgical Symposium  
*Advances in Clinical Neurosurgery, 1995*  
Registration Form  
(Please Print)

Name \_\_\_\_\_

Address \_\_\_\_\_

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

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

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

I will be submitting an abstract for the Open Presentations. (see form below)

**Registration limited. Deadline: February 1, 1995**

TUITION: \$700

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

Official Abstract Form

Title of Paper \_\_\_\_\_

Authors \_\_\_\_\_

Institution \_\_\_\_\_

Address \_\_\_\_\_

City/Country \_\_\_\_\_

Abstracts should be typed in English and should not exceed 300 words. Please attach your Abstract to this form and send with your registration to the address above.

Deadline to receive abstracts: January 30, 1995

## Faculty

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**Jeffrey Brown, M.D.**

Chairman and Associate Professor  
Department of Neurological Surgery  
Medical College of Ohio  
Toledo, Ohio

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

Professor of Clinical Neurosurgery  
University of Cincinnati Medical Center  
Mayfield Neurological Institute  
Cincinnati, Ohio

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

Research Professor, Neurosurgery  
University of Cincinnati Medical Center  
Mayfield Neurological Institute  
Cincinnati, Ohio

**Adam Lewis, M.D.**

Neurosurgical Resident  
University of Cincinnati Medical Center  
Cincinnati, Ohio

**Alessandro Olivi, M.D.**

Associate Professor of Neurosurgery  
Johns Hopkins University School of Medicine  
Baltimore, Maryland

**Rob Parrish, M.D.**

Assistant Clinical Professor of Neurosurgery  
Baylor College of Medicine,  
Houston, TX

**William S. Rosenberg, M.D.**

Assistant Professor of Neurosurgery  
University of Cincinnati Medical Center  
Mayfield Neurological Institute  
Cincinnati, Ohio

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

Professor and Chairman of Neurosurgery  
University of Cincinnati Medical Center  
Mayfield Neurological Institute  
Cincinnati, Ohio

**Geoffrey Thomas, M.D.**

Department of Neurosurgery  
St. Joseph Mercy Hospital  
Ann Arbor, Michigan

**William D. Tobler, M.D.**

Assistant Professor of Neurosurgery  
University of Cincinnati Medical Center  
Mayfield Neurological Institute  
Cincinnati, Ohio

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

Professor of Radiology and Neurosurgery  
University of Cincinnati Medical Center  
Cincinnati, Ohio

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

Professor of Neurosurgery  
University of Cincinnati Medical Center  
Mayfield Neurological Institute  
Cincinnati, Ohio

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**Times**

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6:30-9:00 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.

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**Accreditation**

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As an organization for continuing medical education, The Christ Hospital certifies that this CME activity meets the criteria for 25 credit hours in Category I.

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**Accommodations/Hotel Reservations**

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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 17, 1995.

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**Tuition**

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\$700.00 payable with pre-registration. A cancellation fee will be charged for withdrawals after February 14, 1995. All foreign payments must be made by a draft on a U.S. bank.

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**Transportation**

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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 contacting Molly Gibbons, 1-800-598-2004 or 1-800-SNOWMASS, ext. 107.

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**Information**

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For further information write or phone: Sheila Stuckey, Coordinator, Mayfield Neurological Institute, 506 Oak St., Cincinnati, Ohio 45219. Phone 800-325-7787, ext. 251; fax 513-569-5365.