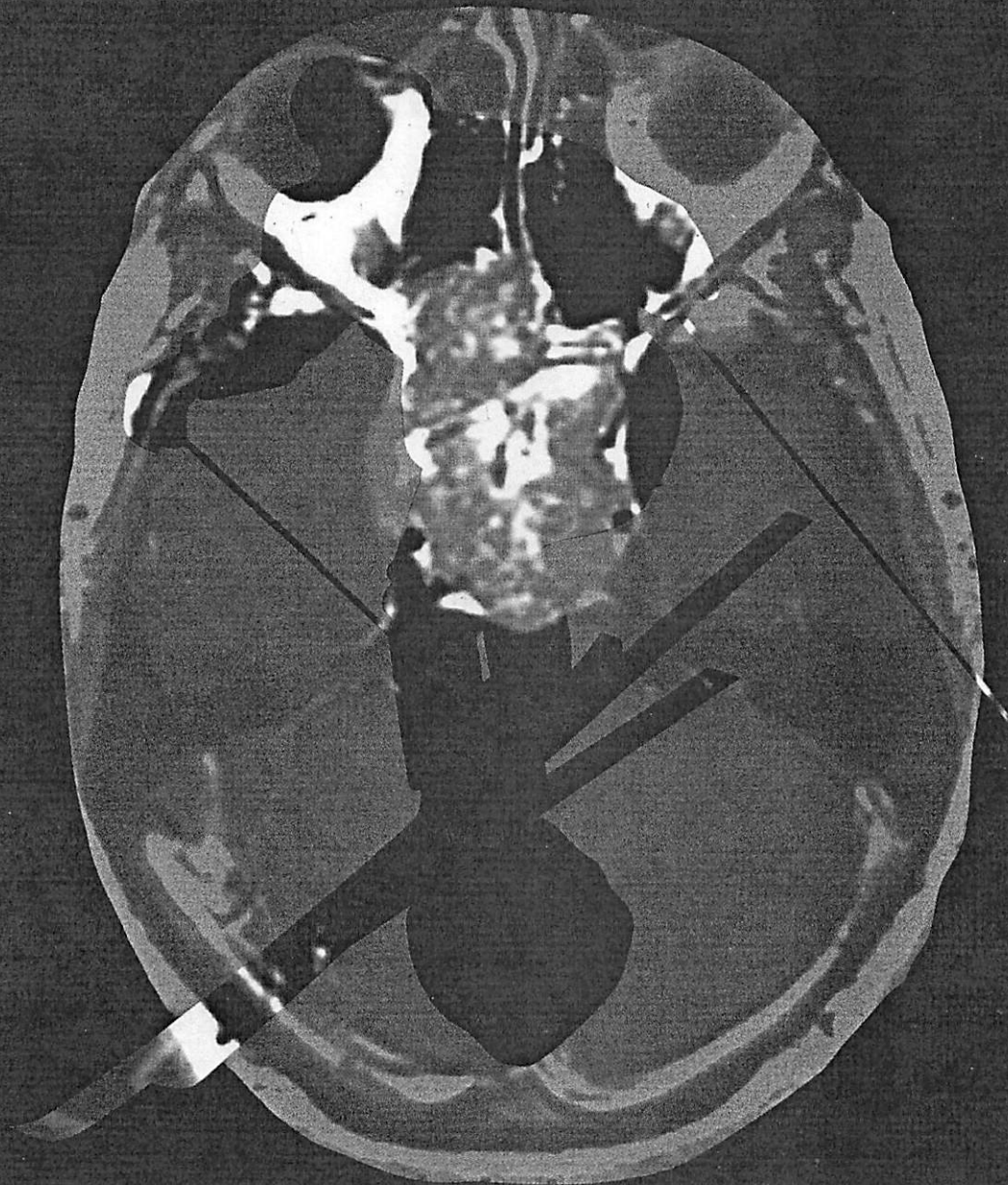


MAYFIELD CLINIC — CLEVELAND CLINIC WINTER NEUROSCIENCE SYMPOSIUM

Advances in Clinical Neurosurgery 1997



Snowmass Conference Center • Snowmass, Colorado
February 23 - 28, 1997

Jointly sponsored by
The Cleveland Clinic Foundation and Mayfield Clinic



MAYFIELD CLINIC-
CLEVELAND CLINIC
WINTER
NEUROSCIENCE
SYMPOSIUM

*Advances in
Clinical Neurosurgery 1997*

You're invited to attend one of neuroscience's most exciting neurosurgical symposiums.

This year's event, *Advances in Clinical Neurosurgery 1997*, is jointly sponsored by the Mayfield Clinic and the Cleveland Clinic, and covers a wide range of topics, including: aneurysms, pituitary tumors, schwannomas, peripheral nerves, trigeminal neuralgia, ventricular tumors, skull base surgery, image-guided surgery, stereotaxis and spinal endoscopy, 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

Thomas S. Berger, MD
Douglas Chyatte, MD
Jeffrey T. Keller, PhD
John M. Tew, Jr., MD
William D. Tobler, MD
Thomas Tomsick, MD

MAYFIELD CLINIC —
CLEVELAND CLINIC
WINTER NEUROSCIENCE
SYMPOSIUM

*Advances in
Clinical Neurosurgery 1997
February 23-28*

REGISTRATION FORM

(Please Print)

Name _____

Company _____

Address _____

City, State, Zip _____

Telephone _____

Fax _____

Social Security Number _____
(Needed for CME credit)

- My check for the tuition fee of \$700, made payable to the Neurosciences Foundation, is enclosed. All foreign payments must be made by a draft on a U.S. bank.
- I will be submitting an abstract for the Open Presentations
(Deadline for submission January 15, 1997)

Mail to:

Sheila Stuckey, Coordinator
Mayfield Clinic
506 Oak Street
Cincinnati, Ohio 45219
Phone: 800-325-7787, ext. 5251
Fax: 513-569-5365

REGISTRATION
LIMITED
DEADLINE:
FEBRUARY 1, 1997

(Tear here)

MORNING SESSION

Monday, February 24

- 7:00 am** The Natural History of Aneurysms
Douglas Chyatte, MD
- 7:30 am** Critical Care Management of SAH
Lawrence Dickinson, MD
- 8:00 am** Poor-Grade Aneurysms:
A Neurointerventionist Perspective
Thomas Tomsick, MD
- 8:30 am** Poor-Grade Aneurysms:
A Neurosurgeons Perspective
Mario Zuccarello, MD
- 9:00 am** Adjourn for the morning

AFTERNOON SESSION

- 4:00 pm** Contemporary Management
of Cervical Instability
Stephen Papadopoulos, MD
- 4:30 pm** Cervical Vertebrectomy
for Cervical Myelopathy
Mario Zuccarello, MD
- 5:00 pm** Treatment of Degenerative Scoliosis
Alfred Kahn, III, MD
- 5:30 pm** Firing Line—Vascular Surgery
Mario Zuccarello MD
- 6:00 pm**
- 6:30 pm** Adjourn for the evening

FACULTY
The Cleveland Clinic Foundation
Douglas Chyatte, MD
Joseph F. Hahn, MD
Joung Lee, MD

University of Cincinnati
Mayfield Clinic
Thomas Berger, MD
Jeffrey T. Keller, PhD
Andrew Ringer, MD
John M. Tew, Jr., MD
William Tobler, MD
Thomas Tomsick, MD
Mario Zuccarello, MD

PROGRAM

Tuesday, February 25

Cost Accounting of Aneurysm Treatment
Douglas Chyatte, MD

Cost Effective Analysis for the Treatment
of Extradural ICA Aneurysms
Thomas Tomsick, MD

Market Forces Impacting Neurosurgery
Joseph Hahn, MD

Regionalization of an Integrated
Spine Program
John M. Tew, Jr., MD

Adjourn for the morning

Current Treatment of Pituitary Tumors
William Chandler, MD

The Subcranial Approach
to the Anterior Skull Base
Donald Ross, MD

The Basic Science of Schwannomas
Joung Lee, MD

The Enigmatic Foramen Lacerum
Jeffrey T. Keller, PhD

Firing Line—Pituitary Cases
William Chandler, MD

Adjourn for the evening



Wednesday, February 26

Management of Peripheral
Nerve Problems
Thomas Berger, MD

Trigeminal Neuralgia: Perspectives
on Microvascular Decompression
Rob Parrish, MD

Trigeminal Neuralgia:
A 25-year Experience
John M. Tew, Jr., MD

Thalamotomy for Pain:
Current Indications
Jeffrey Brown, MD

Adjourn for the morning

A New Classification for Aneurysms
of the Ophthalmic Segment
Murali Guthikonda, MD

Sylvian Fissure AVMS
John M. Tew, Jr., MD

Carotid Endarterectomy:
Technical Considerations
Mario Zuccarello, MD

Circulatory Arrest as an Adjunct to
Surgery of Complex Aneurysms
Troy Payner, MD

Cerebral Ischemia: Role of Apoptosis
Andrew Ringer, MD

Adjourn for the evening

University of Michigan

Lawrence Dickinson, MD
Stephen Papadopoulos, MD
William Chandler, MD
Donald Ross, MD

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Thursday, February 27

Stereotactic Craniotomy for
Ventricular Tumors
Donald Ross, MD

Application of 3D Stereotactic Techniques
to Skull Base and Deep Gray Lesions
John M. Tew, Jr., MD

Stereotaxis
William Tobler, MD

Microplating: Hands-On Course
Jeffrey Brown, MD

8:30 Adjourn for the morning

Image-Guided Spinal Surgery
Stephen Papadopoulos, MD

Frameless Stereotaxis: A Practical Course
John M. Tew, Jr., MD, Andrew Ringer, MD,
and William Tobler, MD

Adjourn for the evening

Faculty from other facilities
Edmund Frank, MD
Oregon Health Science University

Jeffrey Brown, MD
Medical College of Ohio

Alfred Kahn, III, MD
Cincinnati Orthopaedic & Spine Institute

Friday, February 28

"Seeing" Instruments for Spinal Surgery:
an Endoscopic View
Ed Frank, MD

The Anatomy of Spinal Endoscopy
Mario Zuccarello, MD, and
Jeffrey T. Keller, PhD

Spinal Endoscopy:
A Hands-On Practical Workshop
Ed Frank, MD, and Mario Zuccarello, MD

Adjourn for the morning

Open Papers

Adjourn/Travel

Murali Guthikonda, MD
Wayne State University

Rob Parrish, MD
Baylor College of Medicine

Troy Payner, MD
Indianapolis Neurosurgical Group

Advances in Clinical Neurosurgery, 1997

OBJECTIVES

Upon completion of this symposium, participants should be able to:

- Identify the latest techniques for managing peripheral nerve problems
- Describe the indications for surgical treatment of pituitary lesions
- Outline the risk factors for development of vasospasm and create a strategy for monitoring development
- Design a strategy for intravenous fluid management in a patient with a ruptured aneurysm
- Identify the current indications for stereotactic thalamotomy
- Demonstrate the state of technology in image-guided spinal surgery
- Demonstrate the use of endoscopic instrumentation for spinal surgery
- Outline a treatment plan and indications for surgery of poor-grade aneurysms
- Define the treatment of degenerative scoliosis

ACCREDITATION

The Cleveland Clinic Educational Foundation is accredited by the Accreditation Council for Continuing Medical Education (ACCME)* to sponsor continuing medical education for physicians.

The Cleveland Clinic Educational Foundation designates this educational activity for a maximum of 22 hours in Category 1 credit towards the AMA Physician's Recognition Award. Each physician should claim only those hours of credit that he/she actually spent in the educational activity.

LODGING

The Silvertree Hotel, which is adjacent to the conference center, and The Snowmass Lodge and Club are holding a limited number of rooms. Make reservations by calling 800-598-2004. Reservation deadline is January 15, 1997.

TUITION

\$700.00 payable with pre-registration. A \$100 cancellation fee will be charged for withdrawals after February 14, 1997. Written notification is required to process a refund.

TRANSPORTATION

United Airlines and United Express have joined with the Snowmass Conference Center to offer discounts on airfares when lodging is arranged at Snowmass for dates between January 1 and December 12, 1997. These discounts are available for travel anytime during three days before/after this event. This offer represents a 10% discount off BUA fares (booked 7 days prior to travel) or 5% off any other published retail fare available at time of booking. You may purchase the tickets from Snowmass Central Travel, 800-598-2004 and tickets will be sent to your home or office.

INFORMATION

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

*Current guidelines state that participants in CME activities should be made aware of any affiliation or financial interest that may affect the speaker's presentation(s). Each speaker has been requested to complete a conflict of interest statement. The names of faculty members declaring a potential conflict of interest will be shown in the course syllabus.