

Mayfield Winter Neurosurgical Symposium

“ADVANCES IN CLINICAL NEUROSURGERY, 1993”

March 7-12, 1993
Snowmass Conference Center
Snowmass, Colorado

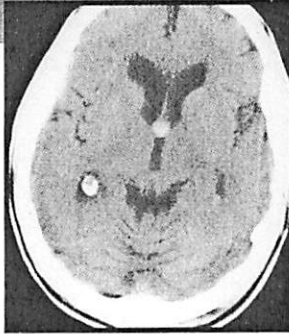
As an organization for continuing medical education, The Christ Hospital certifies that this CME activity meets the criteria for 25 hours credit in category 1.



MAYFIELD
NEUROLOGICAL INSTITUTE INC.

Associated With
University of Cincinnati Department of Neurosurgery

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



Mayfield Winter Neurosurgical Symposium “ADVANCES IN CLINICAL NEUROSURGERY, 1993”

You're invited to attend one of neuroscience's most exciting neurosurgical symposiums. This year's event, Advances in Clinical Neurosurgery, 1993, covers a wide range of topics, including: stereotaxis, the transpetrosal approach to petrous apex lesions, stabilization of complex spinal deformities, surgical treatment of tumors of the cavernous sinus region, peripheral nerve entrapment syndromes, and new stereotactic strategies for the management of intracerebral hematomas, 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

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

Thomas S. Berger, M.D.

William D. Tobler, M.D.

Bert H. McBride, M.D.

PROGRAM

MARCH 7-12, 1993

SUNDAY, MARCH 7

Opening Cocktail Party

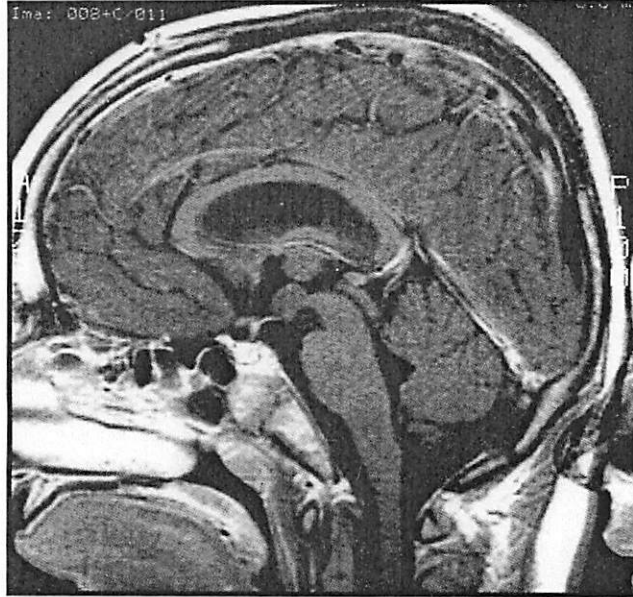
MONDAY, MARCH 8

- 6:30-7:00 a.m. **Videotape presentations**
7:00-7:10 a.m. **Introduction to Mayfield Winter Symposium, 1993**
7:10-8:00 a.m. **Surgical Anatomy of the Posterior Fossa,
Clivus and Petrous Apex**
Jeffrey T. Keller, Ph.D.
8:00-9:00 a.m. **The Transpetrosal Approach to Petrous Apex Lesions**
John M. Tew, Jr., M.D.
4:00-5:00 p.m. **Surgical Treatment of Tumors of the Clivus and
Foramen Magnum**
Wolfgang Th. Koos, M.D.
5:00-6:00 p.m. **MR Angiography, State of the Art**
Thomas Tomsick, M.D.
6:00-6:30 p.m. **Open Abstract Presentation**

TUESDAY, MARCH 9

- 6:30-7:00 a.m. **Videotape Presentations**
7:00-8:00 a.m. **The Spectrum of Stereotaxis in Neurosurgical Practice**
William D. Tobler, M.D.
8:00-9:00 a.m. **Current Status of Stereotactic Radiosurgery**
William D. Tobler, M.D.
4:00-4:45 p.m. **Peripheral Nerve Entrapment Syndromes: Part I**
Thomas S. Berger, M.D.
4:45-5:30 p.m. **Indications and Methods of Lumbar Spine Stabilization**
Noel Perin, M.D.
5:30-6:30 p.m. **Spine Stabilization Workshop**
Noel Perin, M.D.
7:00 p.m. **Banquet**

PROGRAM



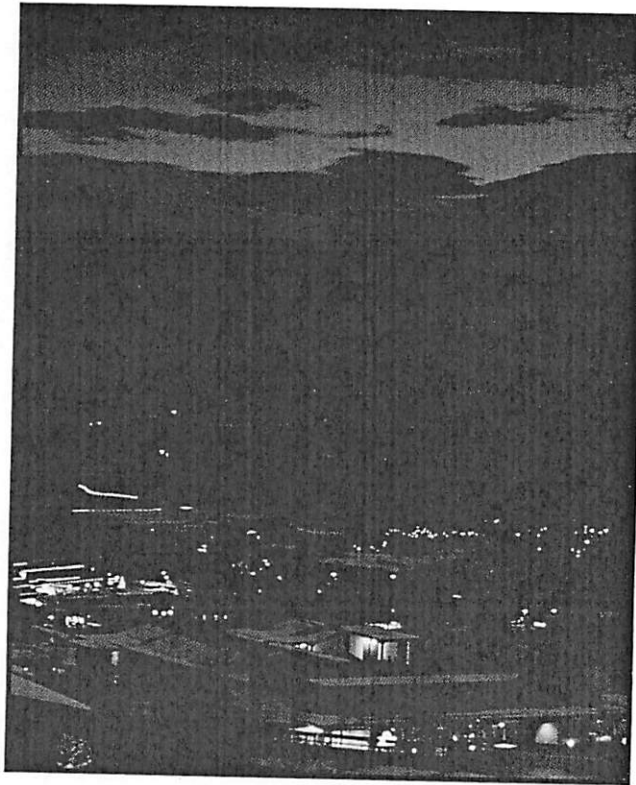
WEDNESDAY, MARCH 10

- | | |
|----------------|--|
| 6:30-7:00 a.m. | Videotape Presentations |
| 7:00-8:00 a.m. | Stabilization of Complex Spinal Deformities
Mr. Alan Crockard |
| 8:00-9:00 a.m. | Clinical Experience in Treatment of
Caudo-Thalamic AVMalformations
John M. Tew, Jr., M.D. |
| 4:00-5:00 p.m. | Interventional Treatment of Intracranial Aneurysms:
Answer or Adjunct
Thomas Tomsick, M.D., John M. Tew, Jr., M.D. |
| 5:00-5:45 p.m. | Management of Intracranial Fusiform Aneurysms
Arthur Day, M.D. |
| 5:45-6:30 p.m. | Case Discussion and Abstract Presentations |

PROGRAM

THURSDAY, MARCH 11

- 6:30-7:00 a.m. **Videotape Presentations**
- 7:00-7:45 a.m. **Surgical Anatomy of the Cavernous Sinus and Orbital Apex**
Jeffrey T. Keller, Ph.D.
- 7:45-8:45 a.m. **Classification and Treatment of Tumors of the
Cavernous Sinus Region**
John M. Tew, Jr., M.D.
- 8:45-9:00 a.m. **Discussion**
- 4:00-5:00 p.m. **Management of Metastatic Disease of the Spine**
Noel Perin, M.D.
- 5:00-5:45 p.m. **Surgical Treatment of Extraforaminal
Lumbar Disc Herniations**
William D. Tobler, M.D.
- 5:45-6:30 p.m. **Peripheral Nerve Entrapment Syndromes: Part II**
Thomas S. Berger, M.D.



SPECIAL NOTE

SIMULTANEOUS MIDAS REX HANDS-ON WORKSHOP: At the request of the Mayfield Winter Neurosurgical Symposium, a Midas Rex Hands-On Workshop has been scheduled which overlaps some of the Symposium. Enrollees in the Midas Rex Hands-On Workshop should follow the schedule of the Midas Rex workshop; they may attend the Neurosurgical Symposium at those times when there is no conflict with the Midas Rex Workshop schedule.

The Department of Neurosurgery at the
University of Cincinnati Medical Center,
Mayfield Neurological Institute,
The Christ and Good Samaritan Hospitals

and

MIDAS REX Institute

present

A NEUROSURGICAL SYMPOSIUM and HANDS-ON WORKSHOP:

**"Modern Dissection Techniques of Bone,
Biometals, Bioceramics, and Bioplastics"**

For Neurosurgeons, Plastic, Craniofacial,
Maxillofacial, and Otolaryngological Surgeons

March 8-9-10, 1993

Monday, Tuesday, Wednesday

Snowmass Conference Center
Snowmass Village, CO

GUEST FACULTY*:

JOHN M. TEW, JR., M.D.

WILLIAM D. TOBLER, M.D.

THOMAS S. BERGER, M.D.

ARTHUR DAY, M.D.

WOLFGANG TH. KOOS, M.D.

ALAN CROCKARD, FRCS

*Surgeon titles and affiliations are listed on page 6.

Snowmass

MIDAS REX® HAND

Modern Dissection Techniques of Bone, I

SYMPOSIUM OBJECTIVES

- I. Surgeons will explore current concepts in neurosurgery and craniofacial and related boneworking through lectures, conferences, and clinical procedures on video. OR personnel will participate in the same activities.
- II. Surgeons will participate in hands-on workshops with advanced pneumatic instrumentation so their boneworking problems will be refined, expedited, and facilitated. OR personnel will participate in hands-on workshops as well as give particular attention to equipment care and maintenance, so that when OR personnel have completed the course, they will have improved competence in OR support.
- III. Surgeons who have completed the symposium should be able to apply immediately their amplified skills in the operating room to do their bonework *per se* in the time delineated*:

CRANIUM*: Osteoplastic temporal flap, 1 1/2 min. • Posterior craniectomy, 45-60 sec. • Osteoplastic posterior craniotomy, 1-2 min. • Free temporal flap, 1 min. • Burr hole, 1-3 sec. • Hemicraniotomy, 2 min. • Bilateral frontal flap, 3 1/2 min. • Two osteoplastic subdural buttons, 2 min. • Work about the clivus • Traction anchors • Cranioplasty.

CRANIOFACIAL, MAXILLOFACIAL*: Frontal • Maxillectomy • Zygomectomy • Orbital • Supra orbit • Infra orbit • LeForte I, II, III osteotomies and craniofacial remodeling • mandibular resection • Mandibular osteotomy • Mandibular reduction • Facial fractures • Suture holes.

OTOLOGY*: Mastoidectomy, 1-4 min. • Translabyrinthine acoustic neuroma, 30 min. • Orbital fossa dissection • Ossicular reconstruction • Cochlear implant bed • Facial nerve decompression • Canalplasty • Labyrinthectomy.

BIOPLASTICS*: Methylmethacrylate - dissect, excise, shape • Polyethylene - abrade *in situ*, dissect *in situ*, transect *in situ*, shape.

BIOMETALS (Superalloys, Titanium alloys, Stainless steels)*: Transect and shape in OR, 1-6 min.; *in situ*, 1-6 min.

SPINE*: 4-Place laminectomy, 6-7 min. • Anterior cervical fusion with osteophyte removal, bone graft, 3-4 min. • Posterolateral fusions • Posterior interbody fusions • Foraminotomies, 30 sec. • Osteophyte removals, 30 sec. • Harrington rod removals • Harrington rod transection *in situ*, 2 min. • Fusions - posterior and anterior • Disc and nerve root problems • Unroofing nerves • Taking down old fusions, 1-8 min.

• Plastic, Craniofacial, Maxillofacial, and Otolaryngological problems may be explored at this time according to the individual wishes of the surgeons.

**Procedural times refer to the actual time of running the instrument.
Surgeons will be furnished sufficient materials for any special procedure they may envision.*

S-ON WORKSHOPS

Biometals, Bioceramics, and Bioplastics

NEURO COURSE SCHEDULE			
	Monday, March 8	Tuesday, March 9	Wednesday, March 10
6:30 a.m.	Complimentary continental breakfast	Complimentary continental breakfast	Complimentary continental breakfast
7:00 a.m.	Hands-On Workshop I*	Hands-On Workshop III*	Hands-On Workshop V*
9:30 a.m.	Refreshments	Refreshments	Refreshments
9:45 a.m.	Hands-On Workshop II*	Hands-On Workshop IV*	Hands-On Workshop VI*
1:00 p.m.	Adjourn for afternoon	Adjourn until Dinner Discussion - 7:00 p.m.	Adjourn for afternoon

* Workshops are intensive and sequential and no part may be omitted.

JOINT FEE/SEPARATE ENROLLMENTS: For those who enroll in the Midas Rex Hands-On Workshop, there is no additional fee for participation in the Mayfield Symposium. A separate enrollment form must be sent to each course. Enclose the Midas Rex course fee with that enrollment; indicate on the Mayfield Neurosurgical Symposium enrollment blank that you are enrolling in the Midas Rex Hands-On Workshop.

SYMPOSIUM FORMAT

The Midas Rex Hands-On Workshops emphasize a series of structured exercises, utilizing appropriate animal bones, bioplastics, bioceramics, biometals, mock-ups, and skeletal bone, including actual temporal bone dissection. Advanced dissection skills are thoroughly examined and explored with advanced pneumatic instrumentation. Because the workshops are intensive and sequential, no portion should be omitted.

CONFERENCES: Enrollees are invited to bring x-rays and/or other reference to problem cases on which they wish conference or discussion.

LECTURES: Distinguished faculty lecturers will make formal presentations and hold discussions on aspects of neurosurgery.

CLINICAL PROCEDURES: Video tapes of a variety of clinical procedures, presenting techniques of unusual and current interest, will be available for viewing and discussion.

COURSE DINNER DISCUSSION: A complimentary dinner discussion for faculty, enrollees and their guests will be held on Tuesday, March 9, at 7:00 p.m.

ACCOMMODATIONS: Silvertree Hotel; 100 Elbert Lane, Snowmass Village, CO 81615; 303-923-3520.

ENROLLMENT: Enrollment is limited. Please call to reserve space before sending check or arranging travel plans. All enrollments should be made through the MIDAS REX office in Fort Worth. Phone: 800-433-7639 or 817-831-2604. FAX 817-834-4835.

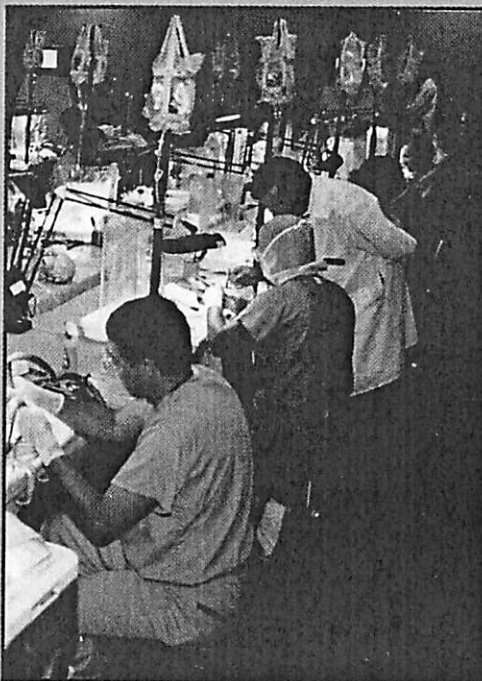
*Join the nearly 12,000 enrollees
who have completed MIDAS REX Hands-On Workshops.*

MIDAS REX Faculty

Director of Education
Susan Mitchell, Ed.D.
Hospital Consultant
Dolph Compere, M.D.
Neurosurgical Consultant
William W. McKinney, M.D.
Surgical Consultant
Andrievs Dzenitis, M.D.
Educational Consultants
Robert Bullard, Ph.D.
Richard Coup, Ed.D.
James DeBoer, Ph.D.
James Dukelow, Ph.D.
Steven Grubbs, D.V.M.
Craig Halverson, J.D.
Norman McDaniel, Ph.D.
Glen Mitchell, Ph.D.
Jane Mitchell, Ph.D.
Robert Murray, Ph.D.
Carole Schleenvoigt, Ph.D.
Terry Sensenbaugh, Ph.D.
Lee Sobania, Ph.D.
Jim Stretch, Ph.D.
Ray UMBER, Ph.D.
Michael Vail, Ph.D.

Snowmass, CO

A NEUROSURGICAL SYMPOSIUM
and HANDS-ON WORKSHOP
March 8-9-10, 1993



The course schedule is designed to allow afternoons free to attend the Mayfield Neurosurgical Symposium or for skiing and sightseeing.

MIDAS REX Institute

2929 Race St. • Fort Worth, TX 76111 • Telephone 800-433-7639 or 817-831-2604 • FAX: 817-834-4835

ENROLLMENT IS LIMITED. PLEASE CALL TO RESERVE SPACE BEFORE SENDING CHECK OR MAKING TRAVEL PLANS. If you have reserved space, you may use this form or a letter to transmit your check made to MIDAS REX Institute.

NAME _____ PHONE _____

ADDRESS _____

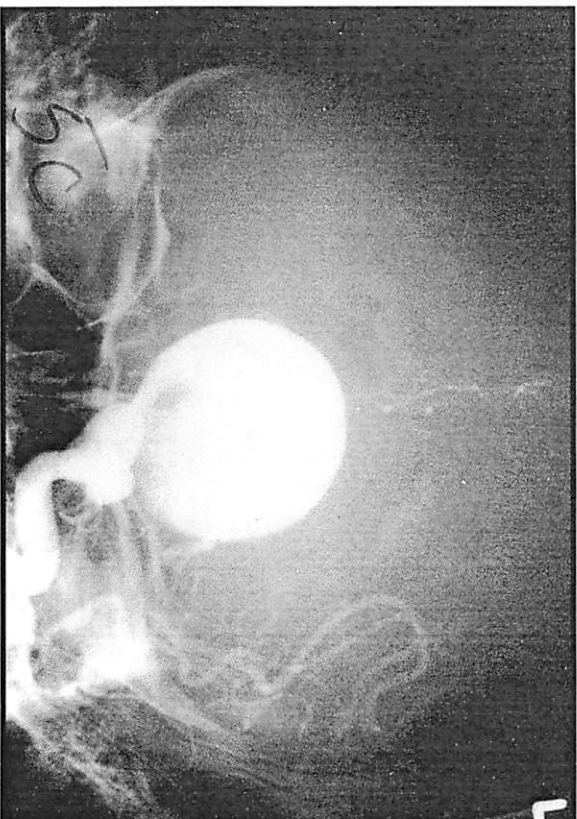
CITY _____ STATE/COUNTRY _____ ZIP _____

My check made to MIDAS REX Institute is for **March 8-10, 1993** in **Snowmass, CO.** (*Neuro*)

Surgeon Fee: U.S. \$965.00*; Fellow/Resident Fee: U.S. \$585.00* (with cover letter from department chairman); Operating Room Personnel (RNSCT/PA/Other) Fee: U.S. \$250.00*

*Fee is for consumable equipment, animal bone mock-ups, skeletal materials, gas, etc. Additional cost is underwritten by MIDAS REX Institute. I understand that cancellation three weeks prior to a course will carry full refund; after that time a small portion of my fee will be retained: (Surgeon - U.S. \$150.00; Resident - U.S. \$100.00; OR Personnel - U.S. \$50.00).

PROGRAM



FRIDAY, MARCH 12

6:30-7:00 a.m.

Videotape Presentations

7:00-8:00 a.m.

Microsurgical Strategies in Craniopharyngiomas

Wolfgang Th. Koos, M.D.

8:00-9:00 a.m.

Surgical Approaches to the Subtemporal Basilar Apex

Arthur Day, M.D.

4:00-5:00 p.m.

Anterior Approaches to the Clivus and Spine

Mr. Alan Crockard

5:00-5:45 p.m.

**Management of Intracerebral Hematomas,
New Stereotactic Strategies**

William D. Tobler, M.D.

5:45-6:30 p.m.

Case Presentations and Discussion

FACULTY

Thomas S. Berger, M.D.

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

Alan Crockard, FRCS

Consultant Neurosurgeon
Department of Surgical Neurology
The National Hospital for Neurology
and Neurosurgery
London, England

Arthur Day, M.D.

Professor of Neurosurgery
University of Florida
Health Science Center
Gainesville, Florida

Jeffrey T. Keller, Ph.D.

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

Wolfgang Th. Koos, M.D.

Professor and Chairman
Department of Neurosurgery
University of Vienna, Medical School
Vienna, Austria

Bert H. McBride, M.D.

Clinical Professor of Neurosurgery
University of Cincinnati
Medical Center
Cincinnati, Ohio

Noel I. Perin, 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

William D. Tobler, M.D.

Associate 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



DATES AND LOCATION

MARCH 7-12, 1993

Snowmass Conference Center

TIME

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.

ACCREDITATION

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.

TARGET AUDIENCE

Neurological Surgeons and Neuroradiologists

OBJECTIVE

This symposium has been designed to provide participants with the opportunity to enhance their knowledge and provide a thorough understanding of:

- surgical anatomy and treatment of tumors of the posterior fossa, clivus and petrous apex
- identify and treat AV malformations and intracranial aneurysms
- surgical anatomy, classification, and treatment of cavernous sinus region tumors
- surgical strategies in the treatment of craniopharyngiomas
- identify methods and indications for stabilization of the lumbar spine and treatment of complex spinal deformities
- identify methods of evaluation and treatment of peripheral nerve entrapment syndromes
- identify use of stereotaxis and stereotactic radiosurgery in neurosurgical practice

ACCOMMODATIONS/HOTEL RESERVATIONS

The Silvertree Hotel, which is adjacent to the conference center, is holding a small number of rooms. Reservations may be made by calling 800-525-9404; cut-off date for room reservations is January 6, 1993. A wide variety of housing options are available in Snowmass. Further information may be obtained by calling 1-800-598-2004.

TUITION

\$700.00 payable with pre-registration. A cancellation fee will be charged for withdrawals after February 14, 1993. All foreign payments must be made by a draft on a U.S. bank. Tuition includes opening cocktail party, continental breakfast daily, and banquet for registrants.

TRANSPORTATION

Getting to Aspen/Snowmass area is easier than ever with non-stop flights offered by United Express from three major U.S. cities. They offer flights from Denver's Stapleton Airport 10 times daily Monday through Thursday 12 times on Fridays and 22 times daily on weekends. Continental Express has up to 14 flights daily during the week and 30 on weekends. American provides daily non-stop service to Eagle Airport, just 90 minutes by car or limo to Aspen, from Chicago and Dallas/Ft. Worth.

INFORMATION

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.

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REGISTRATION FORM



**Mayfield Winter Neurosurgical Symposium
"ADVANCES IN CLINICAL NEUROSURGERY, 1993"**

**March 7-12, 1993
Snowmass Conference Center
Snowmass, Colorado**

(please print)

Name _____

Address _____

City _____ State _____ Zip _____

Telephone _____ FAX _____

Social Security Number _____

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