



NEUROSURGERY

for
Non-Neurosurgeons

**FRIDAY, JANUARY 25, 2008 –
SATURDAY, JANUARY 26, 2008**

MOUNT SINAI SCHOOL OF MEDICINE

Goldwurm Auditorium

Icahn Medical Institute

1425 Madison Avenue (at 98th Street)

New York, New York 10029

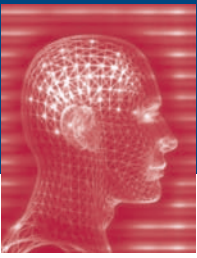
COURSE DIRECTORS

Jamie S. Ullman, MD

Aman Patel, MD

Tanvir Choudhri, MD

SPONSORED BY THE
Mount Sinai School of Medicine
Department of Neurosurgery



NEUROSURGERY

PROGRAM DESCRIPTION AND OBJECTIVES

Neurosurgery is a discipline involving a broad-spectrum of diseases concerning the brain, spine, and peripheral nerves. Recent advances in the treatment of stroke, tumors, spinal disorders, and other conditions are changing the face of neurosurgical and general medical practice.

This course is designed for family medicine, internal medicine, neurologists, and emergency room physicians, along with nurse practitioners and physician assistants. The goal is to gain familiarity with the various disease entities and emergencies seen in neurosurgery practice. The course will focus on the latest advances in neurosurgical care leading to early intervention and improved patient outcomes.

EDUCATIONAL OBJECTIVES

At the conclusion of this activity, participants will be able to:

1. Identify the current treatment of head injury, stroke and other cerebrovascular disease, including the latest minimally invasive endovascular techniques.
2. Review the treatment options for patients with spinal disorders and trauma and recognize entities which require emergency surgical intervention.
3. Recognize the latest treatment options for cerebral and spinal tumors and metastatic disease.
4. Assess the latest surgical treatments for common entities such as movement disorders, depression, and normal pressure hydrocephalus.

TARGET AUDIENCE

Family Physicians, Internal Medicine, General Practice, Emergency Medicine, Neurologists, Nurse Practitioners, Physician Assistants

ACCREDITATION

The Mount Sinai School of Medicine is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

CREDIT DESIGNATION

The Mount Sinai School of Medicine designates this educational activity for a maximum of 13.75 *AMA PRA Category 1 Credit(s)*[™]. Physicians should only claim credit commensurate with the extent of their participation in the activity.

VERIFICATION OF ATTENDANCE

Verification of attendance will be provided to all professionals.

SPECIAL NEEDS

The Mount Sinai School of Medicine is in full compliance with provisions of the Americans with Disabilities Act (ADA) and is accessible for individuals with special needs. If you would like to attend this conference and require any special needs or accommodations please contact the Page and William Black Post-Graduate School of Medicine at 212-731-7950.

REGISTRATION INFORMATION

- Physicians: \$350
- Allied Health Professionals: \$100
- Fellows, Residents, and Students: \$25
- Mount Sinai and Affiliate Attending Physicians: \$100

For conference information, please call the Office of CME at 212-731-7950 or jeanette.cotto@mssm.edu

MEETING LOCATION

Mount Sinai School of Medicine
Goldwurm Auditorium, Icahn Medical Institute
1425 Madison Avenue (98th Street & Madison Avenue)
New York, New York 10029
Directions: www.mssm.edu/theschool/directions.shtm1

for Non-Neurosurgeons

AGENDA

FRIDAY, JANUARY 25, 2008

7:30-8:00AMRegistration/Breakfast

SECTION 1: Neurosurgery: General/Trauma

8:00Welcome

8:05Introduction

8:15Spectrum of Head Injury and Concussion

8:40Rehabilitation for Head Injury and Concussion

9:05Anticoagulation/Antiplatelet Therapy in
Neurosurgical Emergencies

9:30Chronic Subdural Hematoma

9:55Spontaneous Intracerebral Hemorrhage

10:20Headache—When is it Worrisome?

10:45Evolution of Neurocritical Care

11:15-12:45PMLunch/Exhibits

SECTION 2: Neurosurgery: Cerebrovascular

12:45Introductory Remarks

12:50Epidemiology, Risk Factors & Medical Management of
Intracranial Atherosclerosis and Stroke

1:15Endovascular Treatment of Acute Stroke and
Intracranial Atherosclerotic Disease

1:40Epidemiology, Diagnosis & Medical Management of
Carotid Artery Disease

2:05Surgical Treatment of Carotid Disease

2:30Carotid Artery Angioplasty & Stenting

2:55Break/Exhibits

3:15Natural History of Cerebral Aneurysms

3:40Subarachnoid Hemorrhage: Diagnosis and Medical Management

4:00Basic Surgical Treatment of Aneurysms

4:25Endovascular Treatment of Intracranial Aneurysms

4:50Rehabilitation of Stroke

5:15-6:00Wine and Cheese Reception

Moderator: Jamie S. Ullman, MD

Kalmon D. Post, MD

Jamie S. Ullman, MD

Tanvir Choudhri, MD

Aman Patel, MD

Jamie S. Ullman, MD

Brian Greenwald, MD

Louis M. Aledort, MD

Chun Chen, MD

H. Richard Winn, MD

Joseph Farraye, MD

Jennifer Frontera, MD

Moderator: Aman Patel, MD

Aman Patel, MD

Jesse Weinberger, MD

Aman Patel, MD

Jeffrey W. Olin, MD

Joshua B. Bederson, MD

Aman Patel, MD

H. Richard Winn, MD

Jennifer Frontera, MD

Joshua B. Bederson, MD

Aman Patel, MD

Steven Flanagan, MD

ACCOMMODATION INFORMATION

Course participants looking for accommodations may call Denise Newman at 718-835-4911 or email DNEW229@aol.com for assistance. The nearest hotel to the Mount Sinai Medical Center is:

The Hotel Wales

1295 Madison Avenue. New York, NY 10128

Tel: 212-876-6000. Reservations: 866-925-3746

<http://www.waleshotel.com/>

FACULTY DISCLOSURE

It is the policy of MSSM to ensure objectivity, balance, independence, transparency, and scientific rigor in all CME-sponsored educational activities. All faculty participating in the planning or implementation of a sponsored activity are expected to disclose to the audience any relevant financial relationships and to assist in resolving any conflict of interest that may arise from the relationship. Presenters must also make a meaningful disclosure to the audience of their discussions of unlabeled or unapproved drugs or devices. This information will be available as part of the course materials.

COURSE DIRECTORS

MOUNT SINAI SCHOOL OF MEDICINE DEPARTMENT OF NEUROSURGERY

Jamie S. Ullman, MD

Associate Professor of Neurosurgery

Director of Neurosurgery

Elmhurst Hospital Center

Aman Patel, MD

Associate Professor of Neurosurgery and Radiology

Division of Neuroradiology

Director of Endovascular Neurosurgery

Tanvir Choudhri, MD

Assistant Professor of Neurosurgery

Director of Neurosurgery Spine Program

SATURDAY, JANUARY 26, 2008

7:30-8:00AMRegistration/Breakfast

SECTION 3: Neurosurgery: Tumor/Functional

8:00Introductory Remarks

8:05Radiographic Differential of Brain Tumors

8:30Treatment of Pituitary Disorders and Pituitary Apoplexy

8:55Surgical Management of Primary and Metastatic Brain Tumors

9:20Medical Treatment of Primary and Metastatic Brain Tumors

9:45Stereotactic Radiosurgery for Brain and Spinal Tumors

10:10Minimally Invasive Approaches to the Skull Base

10:35Break/Exhibits

10:50Differential of Gait Disorders

11:15Reversible Gait Disorder in the Elderly (NPH)

11:40Surgical Management of Movement Disorders

12:05PMSurgical Treatment of Depression/OCD—The New Psychosurgery

12:30-1:30Lunch Break/Exhibits

SECTION 4: Neurosurgery: Spinal

1:30Introductory Remarks

1:35Spine Basics: Anatomy, Terminology, Imaging

2:00Back Pain: Workup and Nonoperative Management

2:25Lumbar Spine Surgery: Indications, Options, and Outcome

2:50Neck Pain: Workup and Management

3:15Cervical Spine Surgery: Indications, Options, and Outcome

3:35Break/Exhibits

3:50Spine Trauma: Evaluation and Management

4:15Metastatic Spine Disease: Evaluation and Treatment

4:40Vertebroplasty/Kyphoplasty for Vertebral Fractures

5:05Spine Case Discussions

5:30Closing Remarks

Moderator: Jamie S. Ullman, MD

Jamie S. Ullman, MD

Bradley N. Delman, MD

Kalmon D. Post, MD

Isabelle M. Germano, MD

Robert Aiken, MD

Sheryl Green, MBBCH/

Isabelle M. Germano, MD

Joshua B. Bederson, MD

Catherine Cho, MD

Jamie S. Ullman, MD

Michele Tagliati, MD

Ron Alterman, MD

Moderator: Tanvir Choudhri, MD

Tanvir Choudhri, MD

Bradley N. Delman, MD

Parag Sheth, MD

Arthur Jenkins, III, MD

Charles Kim, MD

Tanvir Choudhri, MD

Andrew C. Hecht, MD

Nirit Weiss, MD

Aman Patel, MD

(Faculty)

Jamie S. Ullman, MD

Tanvir Choudhri, MD

Aman Patel, MD

MOUNT SINAI FACULTY

Robert Aiken, MD

Senior Faculty of Neurology and Neurosurgery

Louis M. Aledort, MD

Professor of Medicine, Hematology and Medical Oncology

Ron Alterman, MD

Associate Professor of Neurosurgery

Joshua B. Bederson, MD

Professor and Vice Chair of Neurosurgery

Chun Chen, MD

Assistant Professor of Neurosurgery

Catherine Cho, MD

Assistant Professor of Neurology

Bradley N. Delman, MD

Assistant Professor of Radiology

Joseph Farraye, MD

Associate Professor of Neurology

Steven Flanagan, MD

Associate Professor and Vice Chair, Rehabilitation Medicine

Jennifer Frontera, MD

Assistant Professor of Neurosurgery and Neurology

Isabelle M. Germano, MD

Professor of Neurosurgery

Sheryl Green, MBBCH

Assistant Professor of Radiation Oncology

Brian Greenwald, MD

Assistant Professor of Rehabilitation and Medicine

Andrew C. Hecht, MD

Assistant Professor of Orthopedics

Arthur Jenkins, III, MD

Assistant Professor of Neurosurgery

Charles Kim, MD

Assistant Professor of Anesthesiology and Rehabilitation Medicine

Jeffrey W. Olin, MD

Professor of Medicine, Cardiology

Kalmon D. Post, MD

Professor and Chair, Department of Neurosurgery

Parag Sheth, MD

Assistant Professor of Rehabilitation Medicine

Michele Tagliati, MD

Associate Professor of Neurology

Jesse Weinberger, MD

Professor of Neurology

Nirit Weiss, MD

Assistant Professor of Neurosurgery

H. Richard Winn, MD

Professor of Neurosurgery



MOUNT SINAI
SCHOOL OF
MEDICINE

Mount Sinai School of Medicine

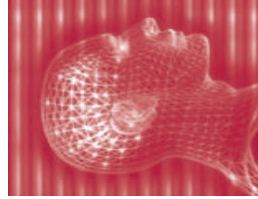
The Page and William Black

Post-Graduate School

One Gustave L. Levy Place, Box 1193

New York, NY 10029-6574

Non-Profit Org.
US Postage
PAID
White Plains, NY
Permit No. 7033



NEUROSURGERY

for Non-Neurosurgeons

Friday & Saturday, January 25-26, 2008

Mount Sinai School of Medicine ■ New York, NY