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Department of Anesthesia

Irene Osborn, MD

SCIENTIFIC PROGRAM

Friday, December 14, 2007

7:30 Registration and Breakfast

Opening

8:00 Opening Remarks
Kalmon Post, MD, and Robert Solomon, MD
8:10 Course Outline
Isabelle Germano, MD, and Jeffrey Bruce, MD

Advances in Spine Surgery

8:20 Degenerative Cervical Disorders
Tanvir Choudhri, MD
8:40 Degenerative Lumbar Disorders
Nirit Weiss, MD
9:00 Spinal Fusion: Technique and Grafting
Andrew Hecht, MD
9:20 Artificial Disc (Total Disc Arthroplasty)
Michael Kaiser, MD
9:40 Deformity Surgery
Peter Angevine, MD
10:00 Coffee Break
10:20 Intradural Tumors
Paul McCormick, MD
10:40 Metastatic Spine Tumors
Arthur Jenkins, III, MD
11:00 Refractory Pain Conditions
Christopher Winfree, MD
11:20 Vertebroplasty/Kyphoplasty: Indications and Techniques
David Johnson, MD
11:40 Case Reviews- Panel Discussion
All Spine Faculty
12:00 Lunch

Comprehensive Multi-Disciplinary Care

1:00 Stroke
Stanley Tuhim, MD
1:20 Epilepsy
Robert Goodman, MD
1:40 Head Trauma
Jamie Ullman, MD
2:00 Pediatrics
Neil Feldstein, MD
2:20 Movement Disorders
Ron Alterman, MD
2:40 Pain
Christopher Winfree, MD
3:00 Coffee Break

New Trends in Neurosurgery

3:20 Minimally Invasive Pediatric Neurosurgery
Neil Feldstein, MD
3:40 Neuro-Anesthesia
Irene Osborn, MD
4:00 Adult Hydrocephalus
Guy McKhann, MD
4:20 Spine Radiosurgery
Isabelle Germano, MD
4:40 Pediatric Spinal Instrumentation
Richard Anderson, MD
5:00 Adjourn

Saturday, December 15, 2007

7:30 Breakfast

Advances in Cerebrovascular Neurosurgery

Moderator: H. Richard Winn, MD

8:00 Treatment of Carotid and Intracranial Atherosclerosis: Surgery
E. Sander Connolly, MD
8:15 Treatment of Carotid and Intracranial Atherosclerosis: Endovascular
Aman Patel, MD
8:30 Treatment of Intracranial Aneurysms: Endovascular
Sean Lavine, MD
8:45 Treatment of Aneurysms: Surgery
Robert Solomon, MD
9:00 Treatment of Arteriovenous Malformations: Endovascular
Philip Meyers, MD
9:15 Treatment of Arteriovenous Malformations in Eloquent Cortex: Surgery
Joshua Bederson, MD
9:30 Advances in Endovascular Neurosurgery
Aman Patel, MD

9:45 Case Reviews- Panel Discussion
All Cerebrovascular Faculty

10:00 Coffee Break

Advances in Neurosurgical Oncology

10:20 Pre-and Intra-Operative Brain Mapping
Isabelle Germano, MD
10:40 Novel Treatments for Gliomas
Jeffrey Bruce, MD
11:00 Brain Tumor Imaging
Norman Leeds, MD
11:20 Pediatric Brain Tumors
Saadi Ghatan, MD
11:40 Chemotherapy for Gliomas
Robert Aiken, MD
12:00 Radiosurgery
Sheryl Green, MD, and Isabelle Germano, MD
12:20 Third Ventricle Tumors
Jeffrey Bruce, MD
12:40 Case Reviews- Panel Discussion
All Tumor Faculty

1:00 Lunch

State-of-the-Art Skull Base Surgery

2:00 Pituitary Surgery:
Experiences with 2500 Surgically Treated Cases
Kalmon Post, MD
2:20 Anterior Cranial Fossa Approaches
Jeffrey Bruce, MD
2:40 Minimally Invasive and Endoscopic Approaches to Lesions of the Skull Base
Joshua Bederson, MD, and Eric Genden, MD
3:00 Infratemporal Approaches
Anthony D'Ambrosio, MD
3:20 Postero-Lateral Approaches: Anatomy and Cases
Chen Chun, MD
3:40 Coffee Break
4:00 Multimodality Approach to Skull Base Lesions
Anthony D'Ambrosio, MD
4:20 Acoustic Neuroma Surgery: Hearing Preservation
Kalmon Post, MD, and Eric Smouha, MD
4:40 Reconstruction of Skull Base Defects
Eric Genden, MD
5:00 Stereotactic Radiosurgery for Skull Base Pathology
Isabelle Germano, MD, and Sheryl Green, MD
5:20 Adjourn

REGISTRATION

REGISTRATION FORM

REGISTRATION IS LIMITED - PLEASE REGISTER EARLY

VIII Advanced Techniques and Technology in Brain and Spine Surgery December 14 - 15, 2007, New York

Registration Fee

__ Full symposium and Hands-on Practical Courses \$595
__ Physicians-in-training with letter of certification from Chief of Service, Mount Sinai Alumni and Affiliates, Nurses, Techs, and Other Health Care Professionals \$350
TOTAL FEE _____

Registrant Profile

To help us tailor the workshops to your needs, please answer the following questions:

Neurosurgery cases performed with Image-Guidance / year:

CRANIAL: _ NONE _ 1-10 _ 10-30 _ over 30

SPINAL: _ NONE _ 1-10 _ 10-30 _ over 30

SYSTEM USED _____

Name _____

Institution _____

Mailing Address _____

City _____ State _____ Zip/Postal Code _____

Office Telephone _____ Office Fax _____

Professional Degree (*circle one*) M.D. D.O. R.N. Ph.D. Other _____

Clinical Specialty _____

METHOD OF PAYMENT

Check made payable to The Page and William Black Post-Graduate School of Medicine

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Send to:

The Page and William Black Post-Graduate School of
The Mount Sinai School of Medicine
One Gustave L. Levy Place, Box 1193
New York, NY 10029-6574
Fax:(212) 731-7930

Fax registration form *ONLY* if payment is made by credit card.

For additional information call (212) 241-5052

REGISTRATION INFORMATION

REGISTRATION

The registration fee for this CME activity is \$595.00 for physicians and \$350.00 for residents, fellows, nurses, technicians and other health care professionals.

This fee includes attendance at the Friday and Saturday sessions, course materials, two breakfasts, refreshment breaks, and lunch.

To register, please complete and mail or FAX the attached registration form. If you have any questions, please call the Page and William Black Post-Graduate School of the Mount Sinai School of Medicine at (212) 731-7950.

REFUNDS

All cancellations must be confirmed in writing to The Page and William Black Post-Graduate School by November 1, 2007 for tuition refund. An administrative fee of \$50.00 will be retained. No refunds will be made on cancellations after this date or for "no shows." For Conference Information, please call the Office of CME at 212-731-7950 or email jeanette.cotto@mssm.edu.

SYMPOSIUM LOCATION

New York Academy of Medicine
1216 Fifth Avenue @ E 103th Street
New York, NY 10029



TRANSPORTATION

By Subway

Take the #6 local train to 103rd Street. Walk west on 103rd Street; after crossing Park Avenue, turn right and walk a few yards, and then turn left onto the path through the garden of Carver Houses to Madison Avenue. Continue west on 103rd Street almost to Fifth Avenue. The entrance to the Academy is on 103rd Street.

By Bus

From south of 103rd Street

On Madison Avenue, take a northbound M1, M2, M3, or M4 bus to 103rd Street. Walk west on 103rd Street almost to Fifth Avenue. The entrance to the Academy is on 103rd Street.

From north of 103rd Street

On Fifth Avenue, take a southbound M1, M2, M3, or M4 bus to 103rd Street. The entrance to the Academy is on 103rd Street, on the southeast corner of the intersection of 103rd Street and Fifth Avenue.

By Car

From south of 96th Street

From the FDR Drive North, take the 96th Street exit. Turn left onto 96th Street, and drive straight until Madison Avenue. Turn right on Madison, and drive north to 103rd Street. Turn left, and the Academy is at the end of the block on the south side of the street.

From north of 96th Street:

From the FDR Drive South, take the 96th Street exit. Turn right onto E. 96th Street, and drive straight until Madison Avenue. Turn right on Madison, and drive north to 103rd Street. Turn left, and the Academy is at the end of the block on the south side of the street.

A parking garage is located at 105th Street and Madison.

COURSE DESCRIPTION

COURSE FOCUS

The primary focus of this course is to present a multifaceted approach to the use of technique and technology for cranial and spinal surgery. With computer-assisted neurosurgical techniques becoming commonplace, this interactive course is a must for neurosurgeons and orthopedic surgeons looking to fine-tune their skills on interactive, image-guided neurosurgical equipment. The course will give the opportunity to assess how this technology is used, and will simulate conditions in the operating room so that the participants can use and evaluate these systems during specific cranial and spinal procedures. Hands-on experience on state-of-the-art image-guided equipment will provide the participants with practical aspects to apply to their practice.

TARGET AUDIENCE

This course is specifically designed for:

- Neurosurgeons who manage patients with complex and challenging intracranial diseases.
- Neurosurgeons and orthopedic surgeons who manage patients with complex and challenging spinal pathology.
- Neurosurgery and orthopedic residents/fellows with an interest in new techniques and technology for brain and spine surgery.
- Nurses, technicians, other allied health care professionals, biomedical engineers, and computer scientists who work with image-guided surgery.

EDUCATIONAL OBJECTIVES

1. Review the current concepts of current treatment for degenerative cervico-thoracic lumbar spine diseases.
2. Review management options for cerebro-vascular diseases.
3. Apply strategies for developing effective approach to patients with brain tumors.
4. Discuss interventional, surgical, non-surgical approaches to neurosurgical diseases.

- Platform presentations are accepted. To be considered, mail a 250 word abstract, including author's name, title, institutions, and location. No form is provided. Abstract should be mailed to: I. Germano, MD, Dept. of Neurosurgery Box 1136, One Gustave L. Levy Place, New York, NY 10029; phone: (212) 241-9638; fax: (212) 831-3324; e-mail: isabelle.germano@mssm.edu Abstract deadline is November 17, 2007.

COMMERCIAL FUNDING & SUPPORT

This symposium is funded in part by an unrestricted educational grant by Aloka and Medtronic Sofamor Danek.

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.

ACCREDITATION

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

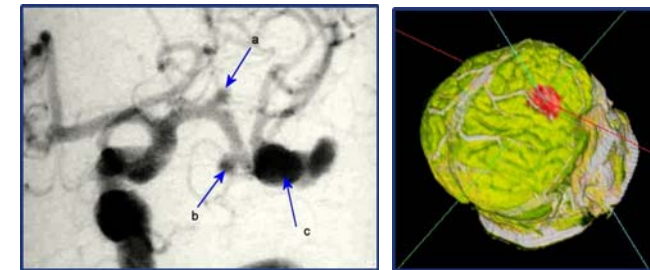
The Mount Sinai School of Medicine designates this educational activity for a maximum of 14.25 *AMA PRA Category 1 Credit(s)*[™]. Physicians should only claim credit commensurate with the extent of their participation in the activity. Verification of attendance will be provided to all professionals.

The American Association of Neurological Surgeons attests that this educational activity has been recognized for co-sponsored/endorsement for a maximum 14.25 *AMA PRA Category I CME credits*[™] of the AANS's Continuing Education Award in Neurosurgery.

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.

CASE STUDIES



Mount Sinai School of Medicine
The Page and William Black Post-Graduate School
One Gustave L. Levy Place - Box 1193
New York, NY 10029



**ADVANCED TECHNIQUES AND TECHNOLOGY
IN BRAIN AND SPINE SURGERY**

December 14 - 15, 2007
New York Academy of Medicine, New York, New York

The Departments of Neurosurgery
at Mount Sinai School of Medicine and Columbia University
presents



ADVANCED TECHNIQUES AND TECHNOLOGY IN BRAIN AND SPINE SURGERY

AN INTENSIVE REVIEW &
PRACTICAL COURSE

DECEMBER 14 - 15, 2007
NEW YORK ACADEMY OF MEDICINE
NEW YORK, NY

COURSE DIRECTORS

ISABELLE M. GERMANO, MD, FACS
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