SURGICAL APPROACHES *to the* SKULL BASE • *Course Agenda*

Friday, December 14, 2007

Orbito-Zygomatic Approach and Exposure of the Parasellar Region

7:15–7:45 AM *Registration and Breakfast at Cornell*

7:45–8:00 AM **Welcome and Introduction**
Philip. E. Stieg, MD

8:00–9:00 AM **3D Lecture and Virtual Reality: Surgical Anatomy of Orbito-Zygomatic Approach and Cavernous Sinus**
Antonio Bernardo, MD

9:00–9:30 AM **Extended Pterional Approach for Parasellar Lesions**
Francesco Tomasello, MD

9:30–9:45 AM *Break*

9:45–10:15 AM **Orbito-Zygomatic Approach and Modifications for Vascular Lesions**
Howard A. Riina, MD

10:15–10:45 AM **Microsurgical Approach to the Cavernous Sinus**
Christian Matula, MD

11:00 AM–1:00 PM **Hands-On Laboratory: Fronto-Orbito-Zygomatic Craniotomy**
A. Bernardo, P. Stieg, F. Tomasello, C. Matula, H. Riina, S. Selesnick, O. Aponte, C. Bruce, P. Clavel, E. Carvallo, E. M. Eissa, D. Maharaj, E. Passacantilli, A. Visca

1:00–2:00 PM *Lunch and Case Presentation*

2:00–6:00 PM **Hands-On Laboratory: Anterior and Posterior Clinoidectomy, Exposure of the Cavernous Sinus and Parasellar Region**
A. Bernardo, P. Stieg, F. Tomasello, C. Matula, H. Riina, S. Selesnick, O. Aponte, C. Bruce, P. Clavel, E. Carvallo, E. M. Eissa, D. Maharaj, E. Passacantilli, A Visca

7:30 PM *Event Dinner*

Saturday, December 15, 2007

Temporal Bone and Transpetrosal Surgical Routes to the Skull Base

7:30–8:00 AM *Breakfast at Cornell*

8:00–9:00 AM **3D Lecture and Virtual Reality: Surgical Anatomy of Temporal Bone and Transpetrosal Approaches**
Antonio Bernardo, MD

9:00–9:30 AM **Subtemporal Approach**
Francesco Tomasello, MD

9:30–9:45 AM *Break*

9:45–10:15 AM **Posterior Transpetrosal Approaches**
Samuel H. Selesnick, MD, FACS

10:30 AM–1:00 PM **Hands-On Laboratory: Subtemporal Approach – Middle-Fossa Approach with Anterior Petrosectomy**
A. Bernardo, P. Stieg, F. Tomasello, C. Matula, H. Riina, S. Selesnick, O. Aponte, C. Bruce, P. Clavel, E. Carvallo, E. M. Eissa, D. Maharaj, E. Passacantilli, A. Visca

1:00–2:00 PM *Lunch and Case Presentation*

2:00–6:00 PM **Hands-On Laboratory: Posterior Petrosectomy; Drilling the Mastoid, Facial Nerve Exposure, Translabyrinthine Dissection, Exposure of the Jugular Bulb**
A. Bernardo, P. Stieg, F. Tomasello, C. Matula, H. Riina, S. Selesnick, O. Aponte, C. Bruce, P. Clavel, E. Carvallo, E. M. Eissa, D. Maharaj, E. Passacantilli, A. Visca

Sunday, December 16, 2007

Combined Transpetrosal Surgical Exposures–Jugular Foramen and Far-lateral Approaches

7:30–8:00 AM *Breakfast at Cornell*

8:00–9:00 AM **3D Lecture and Virtual Reality: Surgical Anatomy of Jugular Foramen and Lateral Cervical Region**
Antonio Bernardo, MD

9:00–9:30 AM **Lateral Cervical Dissection for Carotid Endarterectomy**
Philip E. Stieg, MD

9:30–9:45 AM *Break*

9:45–10:15 AM **Far Lateral Transcondylar Approach**
Christian Matula, MD

10:15–10:45 AM **Combined Surgical Approaches**
Philip E. Stieg, MD

11:00 AM–1:00 PM **Hands-On Laboratory: Lateral Cervical Dissection – Suboccipital Approach**
A. Bernardo, P. Stieg, F. Tomasello, C. Matula, H. Riina, S. Selesnick, O. Aponte, C. Bruce, P. Clavel, E. Carvallo, E. M. Eissa, D. Maharaj, E. Passacantilli, A. Visca

1:00–2:00 PM *Lunch and Case Presentation*

2:00–6:00 PM **Hands-On Laboratory: Far-lateral Approach**
A. Bernardo, P. Stieg, F. Tomasello, C. Matula, H. Riina, S. Selesnick, O. Aponte, C. Bruce, P. Clavel, E. Carvallo, E. M. Eissa, D. Maharaj, E. Passacantilli, A. Visca

CORNELL UNIVERSITY
Joan and Sanford I. Weill Medical College

NewYork-Presbyterian Hospital
Weill Cornell Medical Center

www.cornellneurosurgery.com/skullbasesurgery

REGISTRATION FORM

Surgical Approaches to the Skull Base • December 14–16, 2007

REGISTRATION:

- **Register On-line at www.cornellneurosurgery.com/skullbase surgery**
- **Mail check/fax form to:**
  Rob Gallavan, Department of Neurological Surgery
  NewYork-Presbyterian Hospital
  525 East 68th Street, Box 99
  New York, NY 10021
  Tel: 212-746-1349
  email: rhg2003@med.cornell.edu

Please print clearly

LAST NAME _____ FIRST NAME _____ MI _____

DEGREE _____

OFFICE ADDRESS _____

CITY/STATE/ZIP _____

DAYTIME PHONE _____ FAX NUMBER _____

EMAIL _____

Fees: ❑ $1800 Physicians ❑ $1400 Residents & Fellows
❑ $500 Lecture only ❑ Course Dinner/no charge Friday, Dec. 14
(Full registration includes breakfast, lunch, coffee breaks on all 3 days and 1 special event dinner)

Method of Payment:
Make checks payable to **Weill Medical College**. For international attendees, please use wire transfer or check in U.S. dollars.

Credit Card: Charge $ _____ to ❑ Visa ❑ MasterCard

CARD NUMBER _____ 4 DIGIT SECURITY CODE _____

EXPIRATION DATE _____

NAME ON CARD _____

AUTHORIZED SIGNATURE _____

Space is Limited: Registration is available only on a first-come, first-served basis. Written confirmation will be sent to all attendees. Number of participants: 30 surgeons • 15 workstations.

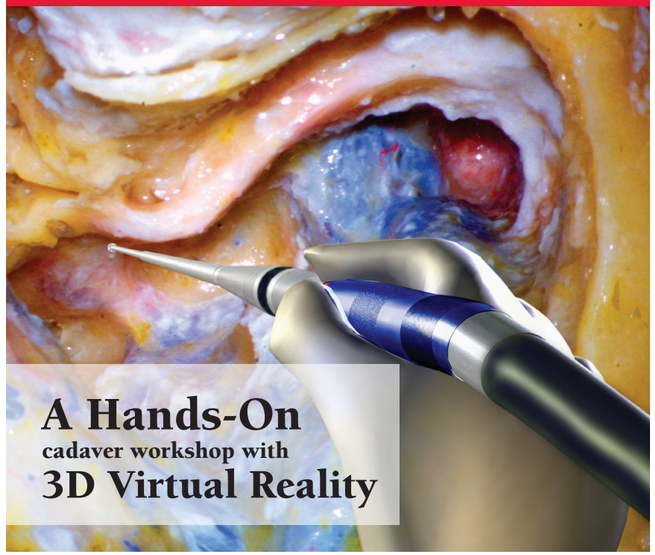
Cancellation/Refund Policy: An administrative fee of $100.00 will be retained on all cancellations. All requests for refunds must be in writing and must be postmarked by December 1, 2007. After this date, no refunds are possible.

REGISTRATION WILL NOT BE PROCESSED UNLESS ACCOMPANIED BY PAYMENT.

CORNELL
UNIVERSITY
Department of Neurological Surgery
525 East 68th Street - Box 99
New York, NY 10021

SURGICAL APPROACHES *to the* SKULL BASE

Philip E. Stieg, PhD, MD **Antonio Bernardo, MD**



3-Day Course in New York City
December 14–16, 2007

Weill Medical College of Cornell University
Uris Auditorium • 1300 York Avenue (at 69th Street)

COURSE DIRECTORS

Philip E. Stieg, PhD, MD
Professor and Chairman
Department of Neurological Surgery
Weill Medical College of Cornell University
Neurosurgeon-in-Chief
NewYork-Presbyterian Hospital

Antonio Bernardo, MD
Assistant Professor of Neurological Surgery
Director, Microneurosurgery Skull Base Laboratory
Department of Neurological Surgery
Weill Medical College of Cornell University
NewYork-Presbyterian Hospital

GUEST FACULTY

Francesco Tomasello, MD
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Department of Neurosurgery
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Messina, Italy

Christian Matula, MD
Professor of Neurosurgery
Director of Skull Base Division
Department of Neurosurgery
Medical University of Vienna
Vienna, Austria

NewYork-Presbyterian Hospital
Weill Cornell Medical Center

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SURGICAL APPROACHES *to the* SKULL BASE

3-Day Course in New York City • December 14–16, 2007

LOCATION

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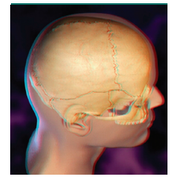
Uris Auditorium, 1300 York Avenue (at 69th Street)
New York, NY 10021



COURSE OBJECTIVES

The objective of any CME program is to improve patient care. Upon completion of this course, participants will be able to:

- Understand orbital anatomy and orbito-zygomatic osteotomies
- Describe cavernous sinus anatomy and surgical exposure
- Understand Temporal bone anatomy and specify transpetrosal surgical approaches
- Describe and better understand cerebello-pontine anatomy
- Review jugular foramen anatomy and surgical exposure
- Describe far-lateral and transcondylar approaches

3-DAY COURSE DESCRIPTION

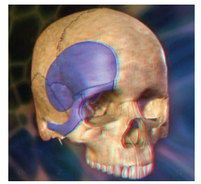
The skull base surgical course features 3D technology and virtual reality to teach neurosurgeons and residents the visuo-spacial skills required to navigate through various skull base neurosurgical approaches. The courses are given in our state-of-the-art surgical laboratory where each surgeon will work at a 3D interactive cadaver workstation. Surgeons can watch live, 3D dissections on cadavers and can review the surgical anatomy on 3D interactive models before and during their own dissection. The combination of the 3D virtual reality environment and the cadaveric hands-on dissection will afford the surgeon excellent preoperative training and rehearsal of current, complex approaches in cranial base surgery.

STATEMENT OF NEED Developments in cranial base surgery continue to rapidly emerge. Mastering new approaches and technologies is an integral part of providing patients with the most current options for treatment. This course is intended to provide practicing neurosurgeons, otolaryngologists, fellows and residents in training with excellent preoperative training and rehearsal of current, complex approaches in cranial base surgery so they may best serve their patients.

TARGET AUDIENCE Practicing neurosurgeons, otolaryngologists, fellows and residents in training.

ACCOMMODATIONS The Helmsley Medical Tower Hotel 212-472-8400/800-468-6937 or The Belaire Guest Facility 212-606-1989. Rooms have been set aside at these hotels for a discounted rate. To receive this discounted rate, you must specify that you are enrolled in the course "Surgical Approaches to the Skull Base."

Other nearby hotel: Affinia Gardens 212-355-1230/866-233-4642. Please make all reservations directly with the hotel after you receive written confirmation in the mail.



ACKNOWLEDGEMENT

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Anspach
Zeiss
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Integra
Osteotech
Mizuho America
Bracco AMT
TruVision

FOR MORE INFORMATION

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FACULTY

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Hosptial of San Pedro
Head of Neurosurgery
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