

SURGICAL APPROACHES *to the* SKULL BASE • Course Agenda

Friday, February 6, 2009

Orbito-Zygomatic Approach and Exposure of the Parasellar Region

- 7:15–7:45 AM *Registration and Breakfast at Anspach Laboratory*
- 7:45–8:00 AM **Welcome and Introduction**
Philip E. Stieg, PhD, MD
- 8:00–9:00 AM **3D Lecture and Virtual Reality: Surgical Anatomy of Orbito-Zygomatic Approach, Cavernous Sinus and Parasellar Region**
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**
Pablo Clavel, MD
- 10:15–10:45 AM **Microsurgical Approach to the Cavernous Sinus**
Gerardo Guinto, MD
- 11:00 AM–1:00 PM **Hands-On Laboratory: Fronto-Orbito-Zygomatic Craniotomy**
P. Stieg, A. Bernardo, F. Tomasello, S. Selesnick, O. Aponte, C. Bruce, P. Clavel, E. Carvallo, E. Passacantilli, A. Visca, P. Tran Ba Huy, G. Guinto, F. Zenga
- 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, S. Selesnick, O. Aponte, C. Bruce, P. Clavel, E. Carvallo, E. Passacantilli, A. Visca, P. Tran Ba Huy, G. Guinto, F. Zenga
- 7:30 PM *Dinner*

Saturday, February 7, 2009

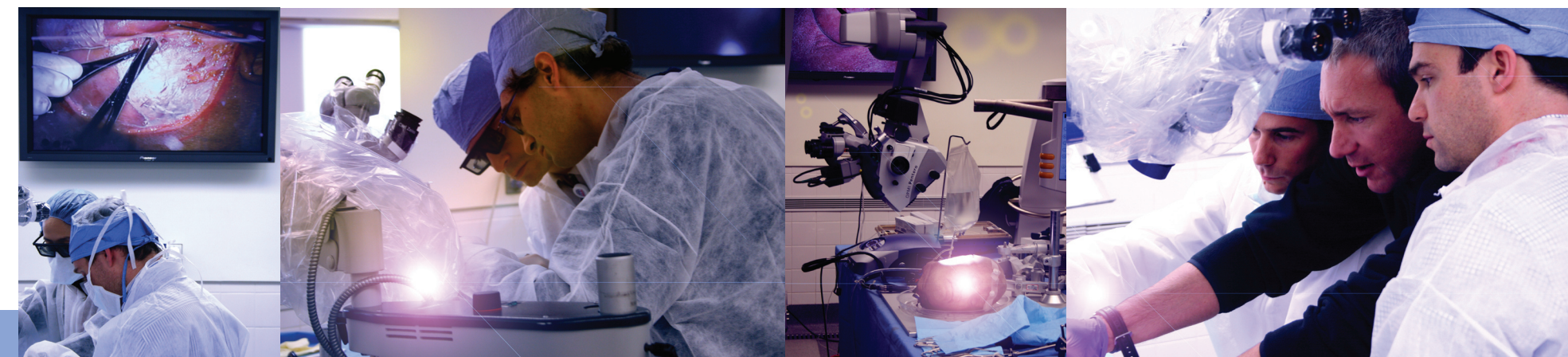
Temporal Bone and Transpetrosal Surgical Routes to the Skull Base

- 7:30–8:00 AM *Breakfast at Anspach Laboratory*
- 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 **Middle-Fossa Approach**
Patrice Tran Ba Huy, 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**
P. Stieg, A. Bernardo, F. Tomasello, S. Selesnick, O. Aponte, C. Bruce, P. Clavel, E. Carvallo, E. Passacantilli, A. Visca, P. Tran Ba Huy, G. Guinto, F. Zenga
- 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, S. Selesnick, O. Aponte, C. Bruce, P. Clavel, E. Carvallo, E. Passacantilli, A. Visca, P. Tran Ba Huy, G. Guinto, F. Zenga

Sunday, February 8, 2009

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

- 7:30–8:00 AM *Breakfast at Anspach Laboratory*
- 8:00–9:00 AM **3D Lecture and Virtual Reality: Surgical Anatomy of Far-Lateral Approach, Jugular Foramen and Lateral Cervical Region**
Antonio Bernardo, MD
- 9:00–9:30 AM **Lateral Cervical Dissection for Carotid Endarterectomy**
Philip E. Stieg, PhD, MD
- 9:30–9:45 AM *Break*
- 9:45–10:15 AM **Far Lateral Transcondylar Approach**
Gerardo Guinto, MD
- 10:15–10:45 AM **Combined Transtentorial Surgical Approaches**
Philip E. Stieg, PhD, MD
- 11:00 AM–1:00 PM **Hands-On Laboratory: Lateral Cervical Dissection – Suboccipital Approach**
P. Stieg, A. Bernardo, F. Tomasello, S. Selesnick, O. Aponte, C. Bruce, P. Clavel, E. Carvallo, E. Passacantilli, A. Visca, P. Tran Ba Huy, G. Guinto, F. Zenga
- 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, S. Selesnick, O. Aponte, C. Bruce, P. Clavel, E. Carvallo, E. Passacantilli, A. Visca, P. Tran Ba Huy, G. Guinto, F. Zenga



Weill Cornell Medical College

ANSPACH

NewYork-Presbyterian Hospital
Weill Cornell Medical Center

www.cornellneurosurgery.com/skullbasesurgery

REGISTRATION FORM

Surgical Approaches to the Skull Base • February 6–8, 2009

REGISTRATION:

- **Register On-line at**
[www.cornellneurosurgery.com/skullbase surgery](http://www.cornellneurosurgery.com/skullbase_surgery)
- **Mail check/fax form to:**
Skull Base Surgery Course
Department of Neurological Surgery
Weill Cornell Medical College
525 East 68th Street, Box 99
New York, NY 10065
Tel: (212) 746-2203
Fax: 212-746-8947

For Registration Information:

Pauline Samuels
Tel: (212) 746-2203
Email: pas2021@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, Feb. 6

(Full registration includes: breakfast, lunch, coffee breaks on all 3 days; 1 special event dinner; new color illustrated Dissection Manual)

Method of Payment:

Make checks payable to **Weill Cornell 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 January 15, 2009. After this date, no refunds are possible.

SURGICAL APPROACHES to the SKULL BASE

PHILIP E. STIEG, PHD, MD

ANTONIO BERNARDO, MD



**A Hands-On
cadaver workshop with
3D Virtual Reality**

**3-Day Course in Palm Beach Gardens, Florida
February 6–8, 2009**

Presented by:

Weill Cornell Medical College
in cooperation with **The Anspach Companies**

COURSE DIRECTORS

Philip E. Stieg, PhD, MD

Professor and Chairman
Department of Neurological Surgery
Weill Cornell Medical College
Neurosurgeon-in-Chief
NewYork-Presbyterian/Weill Cornell Medical Center

Antonio Bernardo, MD

Assistant Professor of Neurological Surgery
Director, Microneurosurgery Skull Base Laboratory
Department of Neurological Surgery
Weill Cornell Medical College
New York, NY

GUEST FACULTY

Francesco Tomasello, MD

Professor and Chairman
Department of Neurosurgery
AOU Policlinico "G. Martino"
University of Messina,
Messina, Italy

Patrice Tran Ba Huy, MD

Professor of Otorhinolaryngology
Head of ENT Department
Hospital Lariboisière
University of Paris, France

Gerardo Guinto, MD

Professor and Chairman
Department of Neurosurgery,
Hospital de Especialidades del
Centro Medico Nacional Siglo XXI,
Mexico City, Mexico



Weill Cornell Medical College

NewYork-Presbyterian Hospital
Weill Cornell Medical Center

www.cornellneurosurgery.com/skullbasesurgery

SURGICAL APPROACHES to the SKULL BASE

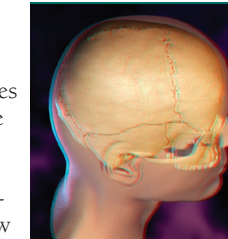
3-Day Course in Palm Beach Gardens • February 6–8, 2009

LOCATION: The Anspach Companies

4600 Riverside Drive,
Palm Beach Gardens, FL 33410

COURSE OBJECTIVES The objective of this surgical course 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 visuospatial skills required to navigate through various skull base neuro-surgical 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 Palm Beach Gardens Marriott, 4000 RCA Blvd., Palm Beach Gardens, FL 33410, (561) 622-8888. *Rooms have been set aside at these hotels for a discounted rate. To receive this special rate, you must specify that you are enrolled in the course "Surgical Approaches to the Skull Base" at The Anspach Companies.*

Other nearby hotels—*Beach/Waterfront Hotels* (within 6 miles):

Hilton Hotel on Singer Island, 3700 North Ocean Drive, Singer Island, FL 33404, (561) 848-3888 • **Resort Hotels: Resort at Singer Island**, 3800 N.

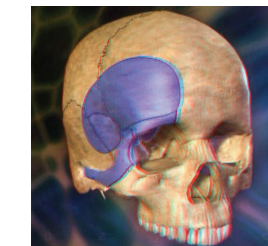
Ocean Drive, Riviera Beach, FL 33404, (800) 325-3589.

ACKNOWLEDGEMENT Weill Cornell Medical College gratefully acknowledges funding in part provided by unrestricted educational grants from:



**Anspach
Zeiss
Integra
Bracco
Stryker**

**Mizuho America
AMT
BrainLAB
TruVision**



FOR MORE INFORMATION, CONTACT

Registration:

Pauline Samuels
Tel: (212) 746-2203
Email: pas2021@med.cornell.edu

Logistics:

Janice Imbert
Tel: (561) 627-1080
Fax: (561) 627-1265
janicei@anspach.com

FACULTY

COURSE DIRECTORS

Philip E. Stieg, PhD, MD

Professor and Chairman
Department of Neurological Surgery
Weill Cornell Medical College
Neurosurgeon-in-Chief
NewYork-Presbyterian/Weill Cornell Medical Center

Antonio Bernardo, MD

Assistant Professor of Neurological Surgery
Director, Microneurosurgery Skull Base Lab
Department of Neurological Surgery
Weill Cornell Medical College

GUEST FACULTY

Francesco Tomasello, MD

Professor and Chairman
Department of Neurosurgery
AOU Policlinico "G. Martino"
University of Messina,
Messina, Italy

Patrice Tran Ba Huy, MD

Professor of Otorhinolaryngology
Head of ENT Department
Hospital Lariboisière
University of Paris, France

Gerardo Guinto, MD

Professor and Chairman
Department of Neurosurgery,
Hospital de Especialidades del
Centro Medico Nacional Siglo XXI,
Mexico City, Mexico

WEILL CORNELL FACULTY

Samuel H. Selesnick, MD, FACS

Professor and Vice Chairman
Department of Otorhinolaryngology
Weill Cornell Medical College
NewYork-Presbyterian/Weill Cornell Medical Center

LAB FACULTY

Oscar Aponte, MD

Professor of Neurosurgery
Head of Neurosurgery
Hospital of San Pedro
Head of Neurosurgery
Clinica Palermo
Bogota, Colombia

Carl Bruce, MD

Consultant Neurosurgeon
Cerebrovascular and Skull Base Surgery
University Hospital of West Indies
Kingston, Jamaica

Pablo Clavel, MD

Attending Neurosurgeon
Department of Neurosurgery
Hospital of Sant Pau,
Barcelona, Spain

Ernesto Carvallo Cruz, MD

Professor of Neurosurgery
Hospital Vargas,
Escuela de Medicina J.M. Vargas -
University of Venezuela
Caracas, Venezuela

Emiliano Passacantilli, MD

Attending Neurosurgeon
Department of Neurosurgery
University "La Sapienza",
Rome, Italy

Anna Visca, MD

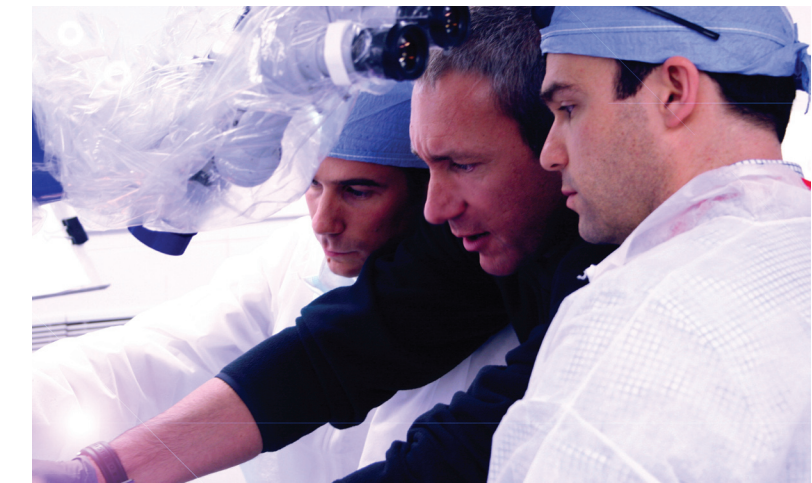
Department of Neurosurgery
University of Verona,
Verona, Italy

Giovanni Grasso, M.D., PhD

Assistant Professor of Neurosurgery
Department of Clinic Neurosciences,
Neurosurgical Clinic
University of Palermo

Francesco Zenga, M.D.

Attending Neurosurgeon
Division of Neurosurgery
University Hospital "Spedali Civili"
Brescia, Italy



Weill Cornell Medical College
Department of Neurological Surgery
525 East 68th Street - Box 99
New York, NY 10065



ANSPACH