

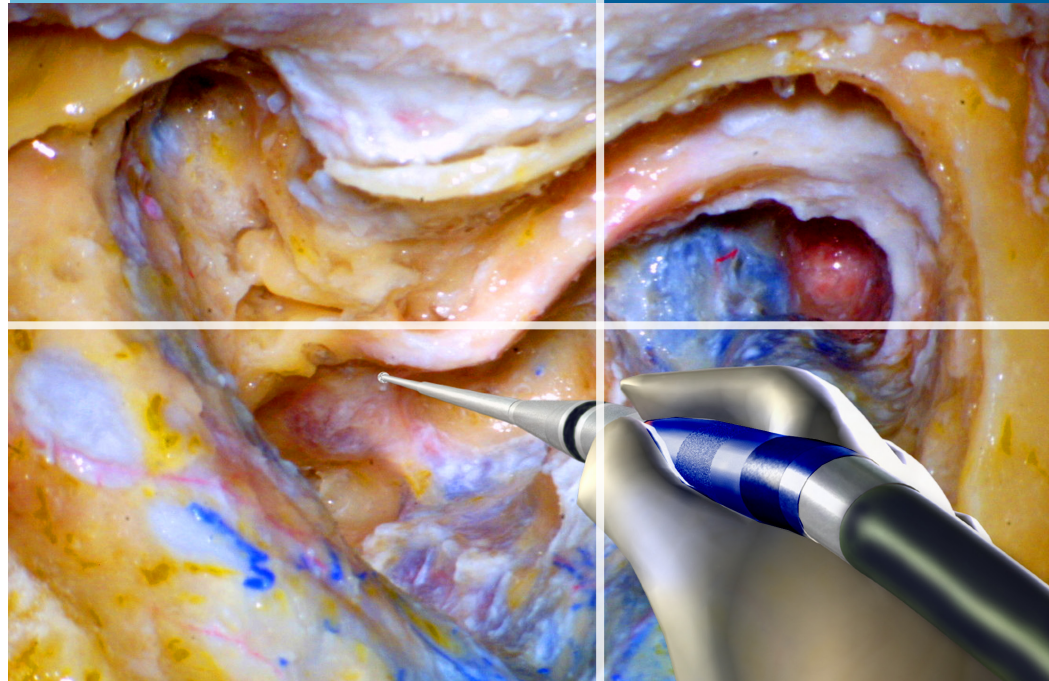


Surgical Approaches to the Skull Base

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

Guest Faculty
Luc De Waele, MD Renato J. Galzio, MD

A hands-on cadaver workshop with 3D Virtual Reality



3-Day Course in Palm Beach Gardens, Florida March 3-5, 2011

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



Weill Cornell Medical College



www.anspach.com

www.cornellneurosurgery.com/skullbasesurgery

COURSE INFORMATION

Surgical Approaches to the Skull Base 3-Day Course in Palm Beach Gardens—March 3-5, 2011

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

3-Day Course Description

The skull base surgical course features 3D technology and virtual reality to teach neurosurgeons the visuospatial skills required to navigate through various skull base neurosurgical approaches. The courses are given at Anspach's state-of-the-art surgical laboratory where each surgeon will work at a 3D interactive cadaver work-station. 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 Boulevard, Palm Beach Gardens, FL 33410 - (561) 622-8888.

Rooms have been set aside for 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 at Singer Island 3800 North Ocean Drive, Riviera Beach, FL 33404 - (800) 325-3589

More Information:

Course Coordinator

Tel: (212) 746-2203

Email: neurosurgery-cme@med.cornell.edu

COURSE FACULTY

Course Directors

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Acknowledgement

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Mizuho America	Zeiss	AMT
Integra	BrainLAB	
Covidien	Stryker	

Lab Faculty

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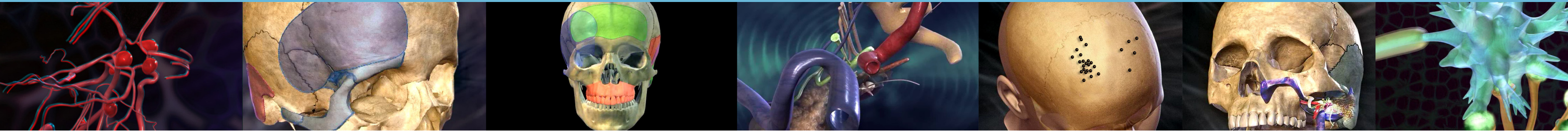
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Thursday, March 3, 2011

Orbito-Zygomatic Approach and Exposure of the Sellar and 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 the Orbito-Zygomatic, Pericavernous and Transcavernous Approach, Parasellar Region**
Antonio Bernardo, MD
- 9:00-9:30 AM *Break*
- 9:30-10:15 AM **Microsurgical Approach to the Cavernous Sinus**
Luc De Waele, MD
- 10:15-10:45 AM **How to Avoid Complications in Anterior Skull Base Surgery**
Renato J. Galzio, MD
- 11:15-1:00 PM **Hands-On Laboratory; Fronto-Orbito-Zygomatic Craniotomy**
P. Stieg, A. Bernardo, O. Aponte, C. Benech, C. Bruce, A. Cardia, G. Catapano, P. Clavel, L. De Waele, R. Galzio, G. Grasso, E. Passacantilli, S. Selesnick, J. Solivera, 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, O. Aponte, C. Benech, C. Bruce, A. Cardia, G. Catapano, P. Clavel, L. De Waele, R. Galzio, G. Grasso, E. Passacantilli, S. Selesnick, J. Solivera, A Visca
- 7:30 PM *Dinner*

Friday, March 4, 2011

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 **Anterior Transpetrosal Approaches**
Antonio Bernardo, MD
- 9:30-9:45 AM *Break*
- 9:45-10:15 AM **Posterior Transpetrosal Approaches**
Antonio Bernardo, MD
- 10:15-10:45 AM **Lessons Learned in Transpetrosal Surgery**
Samuel H. Selesnick, MD, FACS
- 11:00-1:00 PM **Hands-On Laboratory; Subtemporal Approach — Middle-Fossa Approach with Anterior Petrosectomy**
P. Stieg, A. Bernardo, O. Aponte, C. Benech, C. Bruce, A. Cardia, G. Catapano, P. Clavel, L. De Waele, R. Galzio, G. Grasso, E. Passacantilli, S. Selesnick, J. Solivera, 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, O. Aponte, C. Benech, C. Bruce, A. Cardia, G. Catapano, P. Clavel, L. De Waele, R. Galzio, G. Grasso, E. Passacantilli, S. Selesnick, J. Solivera, A Visca

Saturday, March 5, 2011

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**
Renato J. Galzio, MD
- 10:15-10:45 AM **Combined Transtentorial Surgical Approaches**
Luc De Waele, MD
- 10:45-11:15 PM **Lessons Learned in Retromastoid and Sub-occipital Approaches**
Philip E. Stieg, PhD, MD
- 11:30-1:00 PM **Hands-On Laboratory; Lateral Cervical Dissection—Sub-occipital Approach**
P. Stieg, A. Bernardo, O. Aponte, C. Benech, C. Bruce, A. Cardia, G. Catapano, P. Clavel, L. De Waele, R. Galzio, G. Grasso, E. Passacantilli, S. Selesnick, J. Solivera, 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, O. Aponte, C. Benech, C. Bruce, A. Cardia, G. Catapano, P. Clavel, L. De Waele, R. Galzio, G. Grasso, E. Passacantilli, S. Selesnick, J. Solivera, A Visca

Registration:

Register On-line at
www.cornellneurosurgery.com/skullbasesurgery

Mail Check/Fax from to:

Course Coordinator
Department of Neurological Surgery
Weill Cornell Medical College
535 East 68th Street, Box 99
New York, NY 10065
Fax: 212-746-8947

For Registration Information Contact:

Course Coordinator
Phone: (212) 746-2203
E-mail: neurosurgery-cme@med.cornell.edu

Please Print Clearly

Last Name	First Name	MI
Degree		
Office Address		
City	State	Zip
Day Phone	Fax Number	
E-mail		

Fees:

- \$1900 Physicians \$1400 Residents & Fellows
 \$700 Lecture Course Dinner/no charge Friday, March 3

Participant registration includes course materials, dissection manual, 3D CD, coffee breaks and luncheons with the faculty.

Method of Payment:

Make checks payable to **Weill Cornell Medical College**. For international attendees, please use wire transfer or check in US dollars.

Credit Card:

Charge \$ _____ to Visa MasterCard

Card Number (- -) ()
Exp. Date: (month-day-year) 4 Digit Security Code

Name on Card

Authorized Signature

Space is Limited: Registration is available only on a first-come, first-serve basis. Written confirmation will be sent to all attendees. Number of participants: 30 surgeons • 15 workstations.
Cancellation/Refund Policy: An administration fee of \$100.00 will be retained on all cancellations. All request for refunds must be in writing and must be postmarked by February 5, 2011