

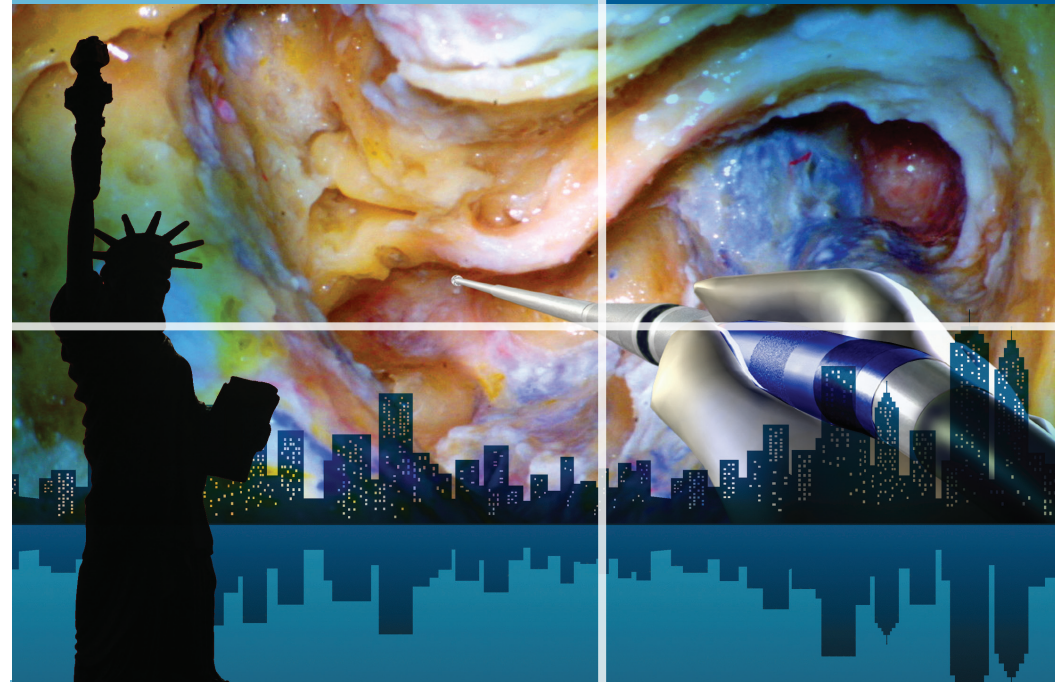


Surgical Approaches to the Skull Base

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

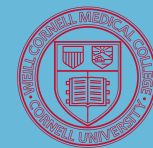
Guest Faculty
Paolo Cappabianca, MD

A hands-on cadaver workshop with 3D Virtual Reality



3-Day Course in New York City
December 13-15, 2012

Presented By **Weill Cornell Brain and Spine Center**



Weill Cornell Medical College

<http://www.surgicalinnovationslab.com>

COURSE INFORMATION

Surgical Approaches to the Skull Base 3-Day Course in New York City—December 13-15, 2012

Location

Weill Cornell Medical College

Uris Auditorium • 1300 York Avenue (at 69th Street) • New York, NY 10065

Course Objectives

The objective of this surgical course is to improve patient care.

Upon completion of this course, participants will be able to :

- Identify orbital anatomy and orbito-zygomatic osteotomies
- Describe cavernous sinus anatomy and surgical exposure
- Identify 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 the Weill Cornell state-of-the-art Surgical Innovations 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.

Identified Practice Gaps/Educational Needs

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

Rooms have been set aside at a discounted rate at the Marriott hotels listed along with the Helmsley Medical Tower. Reservations are limited and must be made prior to Nov. 15, 2012. To receive this special rate, you must identify yourself as part of the "Weill Cornell College Surgical Approaches to the Skull Base Course Group".

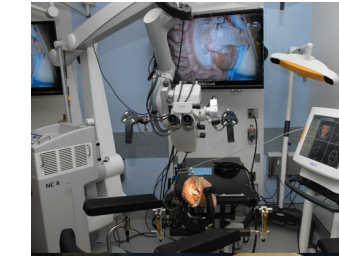
More Information:

Tel: (212) 585-6800

Email: nypcme@nyp.org

<http://www.surgicalinnovationslab.com>

COURSE 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
New York, NY

Antonio Bernardo, MD
Assistant Professor of Neurological Surgery
Director, Microneurosurgery Skull Base Lab
Department of Neurological Surgery
Weill Cornell Medical College
New York, NY

Guest Faculty

Paolo Cappabianca, MD
Professor and Chairman
Department of Neurosurgery
University "La Sapienza"
Rome, Italy

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
New York, NY

Lab Faculty

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

Carlo Alberto Benech, MD
Attending Neurosurgeon
Department of Neurosurgery
Ospedale C.T.O
Torino, Italy

Carl Bruce, MD
Consultant Neurosurgeon
Cerebrovascular and Skull Base Surgery
Department of Neurological Surgery
University Hospital of West Indies
Kingston, Jamaica

Andrea Cardia, MD
Attending Neurosurgeon
Department of Neurosurgery
Istituto Ortopedico Galeazzi
Milan, Italy

Giuseppe Catapano, MD
Head of Neurosurgery
Hospital of "G. Rummo"
Benevento, Italy

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

ACCREDITATION & CREDIT DESIGNATION STATEMENTS

Weill Cornell Medical College is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

Weill Cornell Medical College designates this live activity for a maximum of 26.25 AMA PRA Category 1 Credits[®]. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

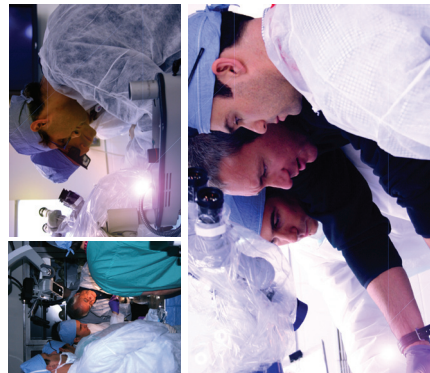
DISCLOSURE OF RELATIONSHIPS/CONTENT VALIDITY

It is the policy of Weill Cornell Medical College to adhere to ACCME Criteria, Policies, and Standards for Commercial Support and content validation in order to ensure fair balance, independence, objectivity, and scientific rigor in all its sponsored activities. All speakers, Course Directors, Co-Course Directors, planners, reviewers, and staff members participating in sponsored activities are expected to disclose relevant financial relationships pertaining to their contribution to the activity. Relationship information is analyzed to determine whether conflicts of interest exist. All conflicts of interest are resolved prior to participation in the planning or implementation of this activity. Presenters and authors are also expected to disclose any discussion of (1) off-label or investigational uses of FDA approved commercial products or devices or (2) products or devices not yet approved in the United States.

WCMC CME activities are intended to be evidence-based and free of commercial bias. If you have any concerns, please call the Office of Continuing Medical Education at 212-746-2631 to anonymously express them.

<http://www.surgicalinnovationslab.com>

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



Registration:

Register On-line at surgicalinnovationslab.com

Mail Check/Fax form to:

Course Coordinator
NewYork-Presbyterian
Marketing Dept., 5th FL, Room 550
333 E. 38th Street
New York, NY 10016
Fax: 212-297-5569

For Registration Information Contact:

Course Coordinator
Tel: (212) 585-6800
Email: nypcme@nyp.org

Please Print Clearly

Last Name First Name MI

Degree Affiliation

Office Address

City State Zip

Day Phone Fax Number

E-mail

Fees: **Early Bird Rate** (register before Oct. 31st) **Regular Rate**
 \$2,280 Physicians \$2,400 Physicians
 \$950 Residents & Fellows \$1,200 Residents & Fellows
 \$665 Lectures only \$700 Lectures only

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: 10 surgeons • 5 workstations.
Cancellation/Refund Policy: An administration fee of \$200.00 will be retained on all cancellations. Cancellations must be made in writing and received by November 13, 2012.

Thursday: December 13, 2012- Uris Auditorium

Orbito-Zygomatic Approach and Exposure of the Sellar and Parasellar Region

- 7:15-7:45 AM *Registration and Breakfast*
- 7:45-8:00 AM **Welcome and Introduction**
Philip E. Stieg, PhD, MD
- 8:00-9:30 AM **3D Lecture and Virtual Reality: Surgical Anatomy of the Orbito-Zygomatic, Pericavernous and Transcavernous Approach, Parasellar Region Microsurgical Approach to the Cavernous Sinus**
Antonio Bernardo, MD
- 9:30-10:00 AM **The Endonasal Route to the Suprasellar Area**
Paolo Cappabianca, MD
- 10:00-10:15 AM *Break, LC Corridor*
- 10:15-10:45 AM **Endonasal Surgery for Craniopharyngiomas: How, When and Why**
Paolo Cappabianca, MD
- 10:45-11:15 AM *Break, Move to Surgical Innovations Lab, Weill Cornell, 8th Floor*
- 11:15-1:00 PM **Hands-On Laboratory: Fronto-Orbito-Zygomatic Craniotomy**
P. Stieg PhD, MD, A. Bernardo MD, P. Cappabianca, MD, Oscar Aponte, MD, Carlo Alberto Benech, MD, Carl Bruce, MD, Andrea Cardia, MD, Giuseppe Catapano, MD, Emiliano Passacantilli, MD, Samuel H. Selesnick, MD, FACS
- 1:00-1:45 PM *Lunch, Griffis Faculty Club*
- 1:45-6:00 PM **Case Presentations and Hands-On Laboratory: Anterior and Posterior Clinoidectomy, Exposure of the Cavernous Sinus and Parasellar Region**
P. Stieg PhD, MD, A. Bernardo MD, P. Cappabianca, MD, Oscar Aponte, MD, Carlo Alberto Benech, MD, Carl Bruce, MD, Andrea Cardia, MD, Giuseppe Catapano, MD, Emiliano Passacantilli, MD, Samuel H. Selesnick, MD, FACS

Friday: December 14, 2012- Skull Base Lab, Weill Cornell, 8th Floor

Temporal Bone and Transpetrosal Surgical Routes to the Skull Base

- 7:30-8:00 AM *Breakfast*
- 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, LC Corridor*
- 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
- 10:45-11:00 AM *Break, Move to Surgical Innovations Lab, Weill Cornell, 8th Floor*
- 11:00-1:00 PM **Hands-On Laboratory; Subtemporal Approach — Middle-Fossa Approach with Anterior Petrosectomy**
Philip E. Stieg, PhD, MD Antonio Bernardo, MD, P. Cappabianca, MD, Oscar Aponte, MD, Carlo Alberto Benech, MD, Carl Bruce, MD, Andrea Cardia, MD, Giuseppe Catapano, MD, Emiliano Passacantilli, MD, Samuel H. Selesnick, MD, FACS
- 1:00-1:45 PM *Lunch Griffis Faculty Club*
- 1:45-6:00 PM **Hands-On Laboratory; Posterior Petrosectomy: Drilling the Mastoid, Facial Nerve Exposure, Translabyrinthine Dissection Exposure of the Jugular Bulb**
Philip E. Stieg, PhD, MD, Antonio Bernardo, MD, P. Cappabianca, MD, Oscar Aponte, MD, Carlo Alberto Benech, MD, Carl Bruce, MD, Andrea Cardia, MD, Giuseppe Catapano, MD, Emiliano Passacantilli, MD, Samuel H. Selesnick, MD, FACS

Saturday: December 15, 2012- Uris Auditorium

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

- 7:30-8:00 AM *Breakfast*
- 8:00-9:30 AM **3D Lecture and Virtual Reality: Surgical Anatomy of Far-Lateral Approach, Jugular Foramen and Lateral Cervical Region Combined Skull Base Surgical Approaches**
Antonio Bernardo, MD
- 9:30-10:00 AM **Lateral Cervical Dissection for Carotid Endarterectomy**
Philip E. Stieg, PhD, MD
- 10:00-10:15 AM *Break, LC Corridor*
- 10:15-10:45 AM **Far Lateral Transcondylar Approach**
Antonio Bernardo, MD
- 10:45-11:15 AM **Lessons Learned in Retromastoid and Sub-occipital Approaches**
Philip E. Stieg, PhD, MD
- 11:15-11:30 AM *Break, Move to Surgical Innovations Lab, Weill Cornell, 8th Floor*
- 11:30-1:00 PM **Hands-On Laboratory; Lateral Cervical Dissection—Sub-occipital Approach**
Philip E. Stieg, PhD, MD Antonio Bernardo, MD, P. Cappabianca, MD, Oscar Aponte, MD, Carlo Alberto Benech, MD, Carl Bruce, MD, Andrea Cardia, MD, Giuseppe Catapano, MD, Emiliano Passacantilli, MD, Samuel H. Selesnick, MD, FACS
- 1:00-1:45 PM *Lunch Griffis Faculty Club*
- 1:45-6:00 PM **Case Presentations and Hands-On Laboratory: Far-Lateral Approach**
Philip E. Stieg, PhD, MD, Antonio Bernardo, MD, P. Cappabianca, MD, Oscar Aponte, MD, Carlo Alberto Benech, MD, Carl Bruce, MD, Andrea Cardia, MD, Giuseppe Catapano, MD, Emiliano Passacantilli, MD, Samuel H. Selesnick, MD, FACS

