



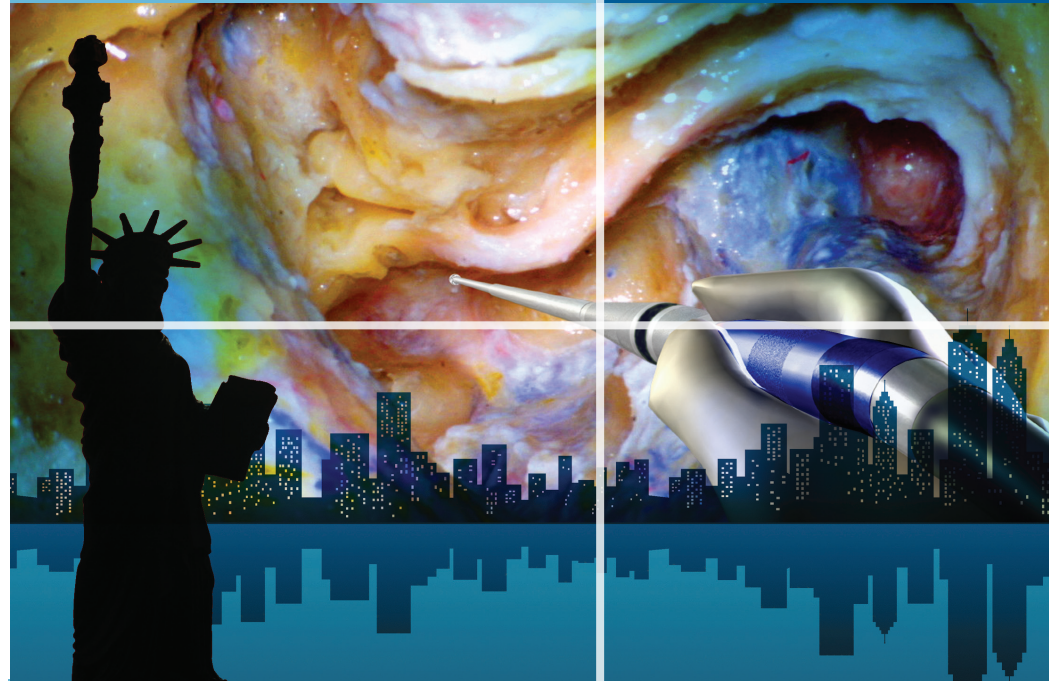
Surgical Approaches to the Skull Base

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

Guest Faculty

Roberto Delfini, MD
Bernard George, MD
Francesco Tomasello, MD

A hands-on cadaver workshop with 3D Virtual Reality



3-Day Course in New York City December 15-17, 2011

Presented By **Weill Cornell Medical College**



Weill Cornell Medical College

www.cornellneurosurgery.com/skullbasesurgery

COURSE INFORMATION

Surgical Approaches to the Skull Base

3-Day Course in New York City—December 15-17, 2011

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 Medical College 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

Courtyard New York Manhattan/Upper East Side

410 East 92nd Street

New York, NY 10128

To reserve call Marriott reservations at 800-321-2211 or 212-410-6777

Courtyard New York Manhattan/Midtown East

866 Third Avenue (between 52nd & 53rd St.)

New York, NY 10022

To reserve call Marriott reservations at 800-321-2211 or 212-644-1300

Rooms have been set aside at a discounted rate at the Marriott hotels listed.

Reservations are limited and must be made prior to Nov. 16, 2011 to obtain this rate.

To receive this special rate, you must use one of the program codes below when reserving:

BSCBSCA – king room • BSCBSCB – queen room (2 beds)

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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

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Director, Microneurosurgery Skull Base Lab

Department of Neurological Surgery

Weill Cornell Medical College

New York, NY

Guest Faculty

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Professor and Chairman

Department of Neurosurgery

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Rome, Italy

Bernard George, MD

Professor and Chairman

Department of Neurosurgery

Hopital Lariboisiere

Paris, France

Francesco Tomasello, MD

Professor and Chairman

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AOU Policlinico "G. Martino"

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Messina, Italy

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Professor and Vice Chairman

Department of Otorhinolaryngology

Weill Cornell Medical College

NewYork-Presbyterian/Weill Cornell Medical Center

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Lab Faculty

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Head of Neurosurgery

Hospital of San Pedro

Head of Neurosurgery

Clinica Palermo

Bogota, Colombia

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Department of Neurosurgery

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Cerebrovascular and Skull Base Surgery

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Istituto Ortopedico Galeazzi

Milan, Italy

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Benevento, Italy

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Attending Neurosurgeon

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Attending Neurosurgeon

Università degli studi di Roma "Sapienza"

Ospedale S. Camillo-Forlanini

Roma, Italy

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Assistant Professor of Neurosurgery

Department of Clinic Neurosciences

Neurosurgical Clinic

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Palermo, Italy

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Attending Neurosurgeon

Department of Neurosurgery

University "La Sapienza"

Rome, Italy

Juan Solivera, MD

Attending Neurosurgeon

Department of Neurosurgery

Hospital Universitario Reina Sofia

Córdoba, Spain

Anna Visca, MD

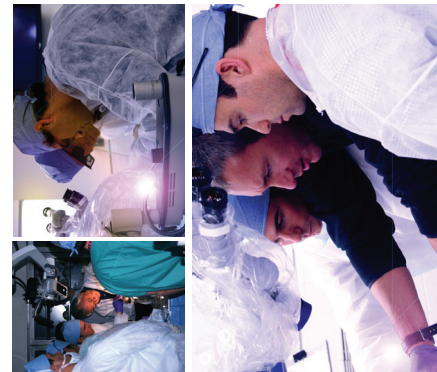
Attending Neurosurgeon

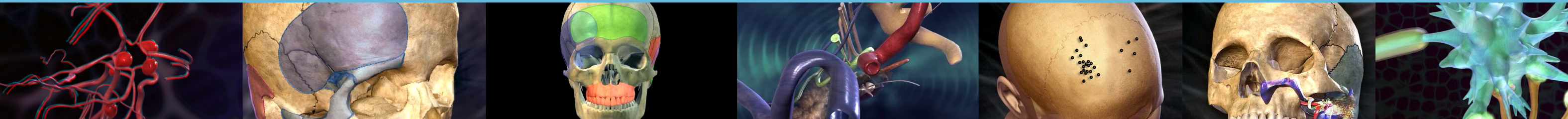
Frenchay Hospital

Bristol, United Kingdom

www.cornellneurosurgery.com/skullbasesurgery

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





Thursday, December 15, 2011

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

7:15-7:45 AM	<i>Registration and Breakfast</i>
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	Pterional Approach to the Sellar Region Francesco Tomasello, MD
9:30-9:45 AM	<i>Break</i>
9:45-10:30 AM	Microsurgical Approach to the Cavernous Sinus Bernard George, MD
10:30-11:00 AM	Lessons Learned in Anterior Skull Base Surgery Roberto Delfini, MD
11:00-11:15 PM	<i>Break</i>
11:15-1:00 PM	Hands-On Laboratory: Fronto-Orbito-Zygomatic Craniotomy P. Stieg, A. Bernardo, F. Tomasello, R. Delfini, B. George, O. Aponte, C. Benech, C. Bruce, A. Cardia, M. Carandante, G. Catapano, P. De Marinis, V. di Norcia, G. Grasso, E. Passacantilli, S. Selesnick, J. Solivera, A. Visca
1:00-2:30 PM	<i>Lunch and Case Presentation</i>
2:30-6:00 PM	Hands-On Laboratory: Anterior and Posterior Clinoidectomy, Exposure of the Cavernous Sinus and Parasellar Region A. Bernardo, P. Stieg, F. Tomasello, R. Delfini, B. George, O. Aponte, C. Benech, C. Bruce, A. Cardia, M. Carandante, G. Catapano, P. De Marinis, V. di Norcia, G. Grasso, E. Passacantilli, S. Selesnick, J. Solivera, A. Visca

Friday, December 16, 2011

Temporal Bone and Transpetrosal Surgical Routes to the Skull Base

7:30-8:00 AM	<i>Breakfast</i>
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	<i>Break</i>
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	<i>Break</i>
11:00-1:00 PM	Hands-On Laboratory; Subtemporal Approach — Middle-Fossa Approach with Anterior Petrosectomy P. Stieg, A. Bernardo, F. Tomasello, R. Delfini, B. George, O. Aponte, C. Benech, C. Bruce, A. Cardia, M. Carandante, G. Catapano, P. De Marinis, V. di Norcia, G. Grasso, E. Passacantilli, S. Selesnick, J. Solivera, A. Visca
1:00-2:00 PM	<i>Lunch and Case Presentation</i>
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, R. Delfini, B. George, O. Aponte, C. Benech, C. Bruce, A. Cardia, M. Carandante, G. Catapano, P. De Marinis, V. di Norcia, G. Grasso, E. Passacantilli, S. Selesnick, J. Solivera, A. Visca

Saturday, December 17, 2011

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

7:30-8:00 AM	<i>Breakfast</i>
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	<i>Break</i>
9:45-10:15 AM	Far Lateral Transcondylar Approach Bernard George, MD
10:15-10:45 AM	Combined Transtentorial Surgical Approaches Roberto Delfini, MD
10:45-11:00 AM	<i>Break</i>
10:45-11:15 AM	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, F. Tomasello, R. Delfini, B. George, O. Aponte, C. Benech, C. Bruce, A. Cardia, M. Carandante, G. Catapano, P. De Marinis, V. di Norcia, G. Grasso, E. Passacantilli, S. Selesnick, J. Solivera, A. Visca
1:00-2:00 PM	<i>Lunch and Case Presentation</i>
2:00-6:00 PM	Hands-On Laboratory; Far-Lateral Approach A. Bernardo, P. Stieg, F. Tomasello, R. Delfini, B. George, O. Aponte, C. Benech, C. Bruce, A. Cardia, M. Carandante, G. Catapano, P. De Marinis, V. di Norcia, G. Grasso, E. Passacantilli, S. Selesnick, J. Solivera, A. Visca

Registration:

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

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
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Degree	Affiliation	
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Office Address		
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Fees:

- \$1900 Physicians \$1400 Residents & Fellows
 \$700 Lecture Course Dinner/no charge Friday, Dec. 15th

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. Cancellations must be made in writing and received by Dec. 1, 2011.