



**Weill Cornell Medicine**

**NewYork-Presbyterian**

# TRANSORBITAL SKULL BASE SURGERY International Hands-On Course

June 3-4, 2022



## COURSE DIRECTORS

**Theodore H. Schwartz, MD**  
Weill Cornell Medicine



**Kris Moe, MD**  
University of Washington

- Top international experts in neurosurgery, otolaryngology, oculoplastics
- Latest techniques in the fast-emerging field of transorbital surgery
- Hands-on learning in the Weill Cornell Medicine anatomy lab in New York City

## INTERNATIONAL FACULTY

### Paolo Castelnovo, MD

University of Insubria, Varese, Italy

### Matteo De Notaris, MD

G. Rummo Hospital, Benevento, Italy

### Alberto Di Somma, MD

Hospital Clínic of Barcelona, Spain

### Joaquim Ensenat, MD, PhD

Hospital Clínic of Barcelona, Spain

### Paul Gardner, MD

University of Pittsburgh

### Kyle Godfrey, MD, PhD

Weill Cornell Medicine, New York

### Chang-Ki Hong, MD, PhD

Gangnam Severance Hospital  
Yonsei University  
Republic of Korea

### Doo-Sik Kong, MD, PhD

Samsung Medical Center  
Sungkyunkwan University  
School of Medicine  
Republic of Korea

### Darlene Lubbe, MD

University of Cape Town  
South Africa



Visit [TRANSORBITALSKULLBASE.ORG](https://TRANSORBITALSKULLBASE.ORG) for more information.

# COURSE AGENDA

## FRIDAY, JUNE 3, 2022

7:45 am	Introductions	Philip E. Stieg, PhD, MD Kris S. Moe, MD Theodore H. Schwartz, MD
8:00-8:30am	The TONES Concept and Approaches	Kris S. Moe, MD
8:30-9:00am	Transorbital Skull Base Anatomy and Approaches	Matteo De Notaris, MD, PhD
9:00-9:30am	Transorbital Approaches to Orbital and Spheno-Orbital Pathology	Paolo Castelnovo, MD
9:30-10:00am	The Oculoplastics Perspective and Removal of the Lateral Orbital Rim	Kyle Godfrey, MD
<b>10:00-10:30am</b>	<b>Coffee Break</b>	
10:30-11:00am	Cornell Transorbital Experience: From Extradural to Intradural	Theodore H. Schwartz, MD
11:00-11:30am	Transorbital Approaches: The Basics	Doo-Sik Kong, MD
11:30-12:00pm	Anterior Clinoidectomy and Approach to the Petrous Bone	Alberto Di Somma, MD, PhD
<b>12:00-12:15pm</b>	<b>Break</b>	
12:15-1:00pm	Working Lunch/Roundtable Discussion Indications and Contraindications Use of Lumbar Drains Closure Techniques Lateral Orbital Rim Removal	
1:00-5:00pm	<b>Hands-On Lab</b> Orbital Approaches, Lateral Rim Removal, Drilling Greater and Lesser Wing, Removal of Anterior Clinoid	

## SATURDAY, JUNE 4, 2022

8:00-8:30am	Orbital and Skull Base Reconstruction in TONES	Kris S. Moe, MD
8:30-9:00am	The Barcelona Experience	Joaquim Enseñat, MD, PhD
9:00-9:30am	Transorbital Versus EEA: How to Choose?	Paul Gardner, MD
9:30-10:00am	Transorbital Surgery: Advanced Topics	Doo-Sik Kong, MD
<b>10:00-10:30</b>	<b>Coffee Break</b>	
10:30-11:00am	Anterior Petrosectomy for Petroclival Meningioma	Chang-Ki Hong, MD, PhD
11:00-11:30am	The South Africa Experience	Darlene Lubbe, MD
11:30-12:00pm	Transorbital Versus Supraorbital Approach: How to Choose?	Theodore H. Schwartz, MD
<b>12:00-12:15 pm</b>	<b>Break</b>	
12:15-1:00pm	Working Lunch/Case Presentations and Discussion	Michelle Minoux, NP
1:00-5:00pm	<b>Hands-On Lab</b> Anterior Clinoidectomy, Cavernous Sinus, Meckel's Cave and Petrous Apex	

# ABOUT

The endoscopic transorbital approach to the anterior skull base is one of the most important emerging trends in neurosurgery. It is poised to join the endonasal endoscopic approach as a major tool for minimally invasive access to lesions in the anterior skull base. Arising from a collaboration between oculoplastic, ENT surgeons, and neurosurgeons, the endoscopic transorbital approach provides access to areas in the lateral skull base that are inaccessible to the endonasal approach, such as the cavernous sinus, Meckel's cave, and the sphenoid wing. This course, only the second in the world to focus entirely on the transorbital approach, will provide a deep background in these techniques, accompanied by hands-on training in our state-of-the-art cadaver lab.

## FEES and REGISTRATION

### Lectures + Hands-on Lab

Neurosurgeons, Otolaryngologists, and other Practicing MDs: \$1,750 during early registration; \$2,000 after May 6, 2022

Trainees (residents and fellows not in independent practice) and other clinical providers: \$1,000 during early registration; \$1,250 after May 6, 2022

### Lectures Only (No Lab Access; 8.75 CME credits max)

Neurosurgeons, Otolaryngologists, and other Practicing MDs: \$450 during early registration; \$500 after May 6, 2022

Trainees (residents and fellows not in independent practice) and other clinical providers: Complimentary (pay only \$25 registration fee)

NYP-affiliated staff, please email [neurosurgery-cme@med.cornell.edu](mailto:neurosurgery-cme@med.cornell.edu) for promo code.

### Virtual Attendance (Lectures Only; 8.75 CME credits max)

The lecture portion of the course will be live-streamed. Residents/fellows/other clinical providers pay only \$25 registration fee, all others pay \$100.

**REFUND POLICY** An administrative fee will be retained on all cancellations. All refund requests must be in writing and must be postmarked by May 20, 2022. After this date, no refunds are possible.

**Can't register online?** Email [neurosurgery-cme@med.cornell.edu](mailto:neurosurgery-cme@med.cornell.edu) for offline registration and payment information. All registrations must be prepaid.

**In-person attendees must be fully vaccinated and must submit this attestation form in advance to [neurosurgery-cme@med.cornell.edu](mailto:neurosurgery-cme@med.cornell.edu). Please also bring a copy of the form, or other proof of vaccination, on both days of the event.**

**<https://bit.ly/35SjCSd>**

# ADDITIONAL INFORMATION

## COURSE COORDINATOR

Tatiana Soto email: neurosurgery-cme@med.cornell.edu

## DATE AND TIME

Friday and Saturday, June 3 and 4, 2022

## LOCATION(S)

Griffis Faculty Club (lectures)  
Gross Anatomy Lab (hands-on)  
Weill Cornell Medical College  
1300 York Avenue, New York, NY 10065

## TARGET AUDIENCE

This CME course is intended for national and international practicing neurosurgeons, otolaryngologists, and oculoplastics surgeons, fellows, and residents in training. Nurses, NPs, and PAs are also welcome.

## EDUCATIONAL OBJECTIVES

It is intended that this Weill Cornell Medical College CME activity will lead to improved patient care, including improvements in knowledge, competence, or performance. At the conclusion of this activity, participants should be able to:

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- Recognize the indications and technical steps required to perform transorbital surgery
- Perform the transorbital approach
- Identify when to use the transorbital approach versus other similar approaches
- Realize the most common complications of the transorbital approach and how to handle them.

## ACCREDITATION AND 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 16.75 AMA PRA Category 1 Credit(s)<sup>™</sup>. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

## IDENTIFIED PRACTICE GAPS/EDUCATIONAL NEEDS

Neurosurgery is evolving and becoming increasingly less invasive — developments that have been shown to lead to improved patient outcomes. Not only do minimally invasive neurosurgical techniques reduce length of stay, they also reduce complications. However, these techniques are generally developed at tertiary care academic centers and not widely performed at smaller hospitals or even academic centers where expertise is lacking. There is a significant need for training in these newer techniques so that surgeons at other institutions can increase their proficiency in these procedures. The replacement of more invasive larger craniotomies with novel minimally invasive surgical approaches should directly lead to improvements in patient outcomes.

## 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 646-962-6931 to anonymously express them.