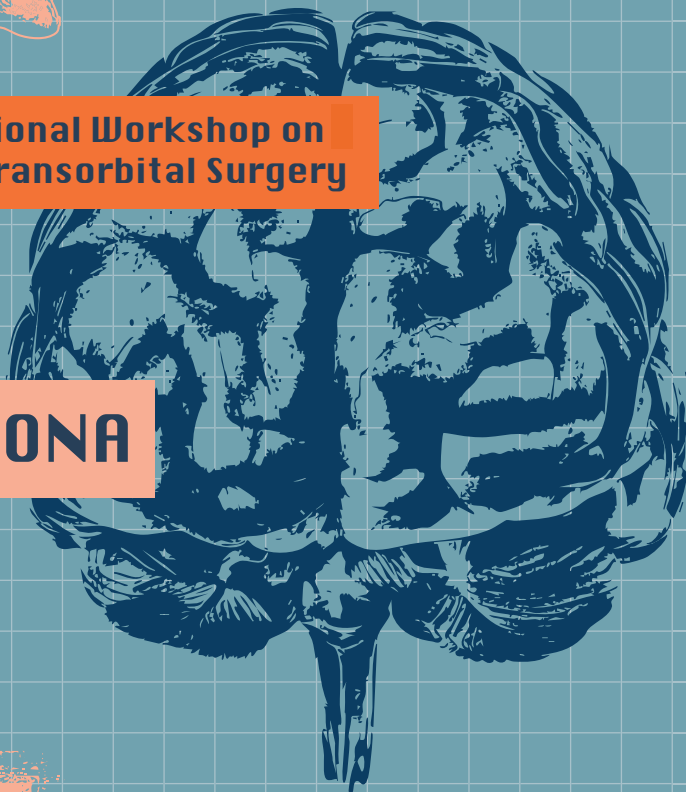




**3rd World Annual Congress of the
Endoscopic Transorbital Society (ETOS)**

**7th International Workshop on
Endoscopic Transorbital Surgery**

BARCELONA



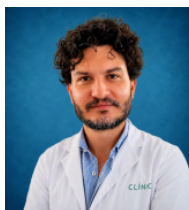
12th - 13th NOVEMBER 2026

Aventik

Congress directors



Joaquim
Enseñat



Alberto
Di Somma



Alberto
Prats



Isam
Alobid

Faculty



Theodore H.
Schwartz



Kris S.
Moe



Doo-Sik
Kong



Matteo
De Notaris



Calvin
Mak



Chang-ki
Hong



Darlene
E Lubbe

Thursday, November 12 – Lecture Day

Opening Ceremony

08:00 – 08:17

08:00 – 08:02	Welcome Remarks	Joaquim Enseñat Hospital Clínic de Barcelona, University of Barcelona, Spain
08:02 – 08:07	ETOS Secretary Address <i>Building the International Transorbital Community</i>	Alberto Di Somma Hospital Clínic de Barcelona, University of Barcelona, Spain
08:07 – 08:17	Presidential Address <i>The Story of Endoscopic Transorbital Surgery: Historical Perspectives and Future Directions</i>	Theodore Schwartz Icahn School of Medicine at Mount Sinai, New York, USA

Session I ——— Surgical Anatomy and Technical Principles

08:17 – 08:47

Moderators

Alberto Di Somma – University of Barcelona, Spain

Matteo de Notaris – University of Salerno, Italy

08:17 – 08:27	3D Anatomy of the Transorbital Approach	Jaskaran Singh Gosal AIIMS Jodhpur, India
08:27 – 08:37	Quantifying the Transorbital Corridor: A 3D Photogrammetric Approach	Toma Spiriev University Hospital “St. Ivan Rilski”, Bulgaria
08:37 – 08:47	A Narrow Corridor or a Trendy Choice? Quantifying Surgical Freedom in Endoscopic Transorbital Surgery	Ben Chat-Fong Ng Queen Elizabeth Hospital, Hong Kong

Session II — Skull Base Meningiomas

08:47 - 10:22

Moderators

Joaquim Enseñat — University of Barcelona, Spain

Doo-Sik Kong — Samsung Medical Center, Sungkyunkwan University
School of Medicine, South Korea

08:47 - 08:57	Petroclival Meningiomas: Transorbital, Transcranial and e-Kawase Approaches	Chang-Ki Hong Asan Medical Center, University of Ulsan, South Korea
08:57 - 09:07	Anterior Clinoid Meningiomas: Transcranial vs. Transorbital	Pierre-Olivier Champagne Université Laval, Canada
09:07 - 09:17	Spheno-Orbital Meningiomas: Transcranial vs. Transorbital	Donato Pacione NYU Langone Health, New York, USA
09:17 - 09:27	Tailoring the Transorbital Approach: Bone Resection Strategies for Intracranial Pathologies	Edisher Maghalashvili Georgia
09:27 - 09:37	Why the Orbit: Anatomical Factors Guiding Surgical Strategy for Selected Skull Base Meningiomas	Matteo de Notaris University of Salerno, Italy
09:37 - 09:47	Sphenoid Wing Meningiomas: The Bologna Experience	Matteo Zoli University of Bologna, Italy
09:47 - 09:57	Session Discussion	
09:57 - 10:02	Oral Communication 1 - 5 min Endoscopic Kawase's Approach: Early Clinical Experience, Technical Nuances, and Indications	Won-Jae Lee (PA) Doo-Sik Kong Samsung Medical Center, Sungkyunkwan University, Seoul, South Korea

10:02 – 10:07	Oral Communication 2 - 3 min Endoscopic Endonasal Approach to the Orbital Apex and Lateral CS Tumor: A Case Report	Dong-Won Shin (PA) Gachon University Gil Medical Center, South Korea
10:07 – 10:12	Oral Communication 3 - 5 min Combined Supraorbital-Transorbital Approach Versus Single-Corridor Keyhole Craniotomy for Large Skull Base Meningiomas	Raywat Noiphithak (PA) Pree Nimmannitya Thammasat University, Pathumthani, Thailand
10:12 – 10:22	Session Discussion	
10:22 – 10:37	Coffee Break	
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Session III ————— Meckel's Cave and Beyond: Role of the Transorbital Approach		
10:37 - 12:12		
Moderators		
Theodore Schwartz — Icahn School of Medicine at Mount Sinai, New York, USA Chang-Ki Hong — Asan Medical Center, University of Ulsan College of Medicine, South Korea		
10:37 – 10:47	Recent Updates in Advanced TOA for the 3rd ETOS Congress	Doo-Sik Kong Samsung Medical Center, South Korea
10:47 – 10:57	Transorbital Surgery for Meckel's Cave and Surrounding Areas	Alberto Di Somma Hospital Clínic de Barcelona, University of Barcelona, Spain
10:57 – 11:07	Cavernous Sinus Surgery: My Decision-Making Approach	Theodore Schwartz Icahn School of Medicine at Mount Sinai, New York, USA
11:07 – 11:17	Transorbital Surgery for Trigeminal Schwannomas: The Mexican Experience	Juan Luis Gómez Amador Hospital General "Dr. Manuel Gea González", Mexico

11:17 – 11:27	360° Biportal (Transorbital and Endonasal) Surgery for Invasive PitNet	Calvin Mak Queen Elizabeth Hospital, Hong Kong
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11:27 – 11:37	Simultaneous Endonasal and Transorbital Surgery: Improving Efficiency Without Compromising Outcomes	Byron de John Groote Schuur Hospital, University of Cape Town, South Africa
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11:37 – 11:47	Session Discussion	
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11:47 – 11:52	Oral Communication 4 - 5 min The 2026 Fortaleza Experience with Transorbital Neuroendoscopic Surgery (TONES): A Single-Center Case Series	Tiago Holanda (PA) Lucas Alverne, Lara Malveira, Isnara Pimentel Holanda General Hospital of Fortaleza, Brazil
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11:52 – 11:57	Oral Communication 5 - 5 min Endoscopic Transorbital Approach to Infratemporal Fossa (ITF): Cadaveric Feasibility Study and Clinical Application	Ju Hyung Moon (PA) Min Kyun Na, Jihwan Yoo, Kyoung Su Sung, Jaejoon Lim Severance Hospital, Yonsei University, Seoul, South Korea
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11:57 – 12:02	Oral Communication 6 - 5 min Bilateral Arterial and Venous Perfused Fresh-Frozen Cadaveric Model for Endoscopic Cavernous Internal Carotid Artery Injury: Operative Technique and Surgical Nuances	Long Wang (PA) Yuanbo Pan, Lijun Heng, Zhongshuai Ma, Ruowu Shen, Xiaochuan Huo Beijing Anzhen Hospital, Capital Medical University, Beijing, China
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12:02 – 12:12	Session Discussion	
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Session IV — ENT Perspectives and Multidisciplinary Transorbital Surgery

12:12 - 13:53

Moderators

Kris Moe — University of Washington, Seattle, USA

Darlene Lubbe — University of Cape Town, South Africa

12:12 – 12:22	Expanding TONES: Frontal Sinus and Superior Orbital Approaches	Kris Moe University of Washington, Seattle, USA
12:22 – 12:32	The Barcelona Multidisciplinary Experience in Endoscopic Transorbital Surgery	Isam Alobid Hospital Clínic de Barcelona, Spain
12:32 – 12:42	Transorbital Management of Cerebrospinal Fluid Leaks	Darlene Lubbe University of Cape Town, South Africa
12:42 – 12:52	Lateral Sphenoid Sinus Recess Pathology: Beyond the Endonasal Approach	Víctor R. Chavez-Herrera Mexico
12:52 – 13:02	Endoscopic Transorbital Approach to the Infratemporal Fossa	Francesco Corrivetti Sapienza University of Rome, Italy
13:02 – 13:12	Transorbital Neuroendoscopic Transmaxillary Approach to the Pterygopalatine Fossa (TONES-Tmax)	Javier M. Saavedra Colombia
13:12 – 13:22	Session Discussion	
13:22 – 13:27	Oral Communication 7 - 5 min Eyelid Transorbital Approach with Cylinder and Real-Time Navigation	Mao Yokota (PA) Aichi Medical University, Nagakute, Japan

13:27 – 13:32	Oral Communication 8 - 5 min The Foramen of Hyrtl and Meningolacrimal Artery (FOH/MLA) Complex: An Anatomical Landmark for Early Identification of the Superior Orbital Fissure in the Endoscopic Transorbital Approach	Yuanbo Pan (PA) Ben Chat-Fong Ng, Zhongshuai Ma, Zhao Wang, Feng Cai, Long Wang Zhejiang University School of Medicine, Hangzhou, China
13:32 – 13:37	Oral Communication 9 - 5 min The Chopstick Technique in TONES: Improving Ergonomics and Instrument Coordination	Daniel Ronconi (PA) Breno Câmara Hospital Dom José Maria Pires, João Pessoa, Brazil
13:37 – 13:42	Oral Communication 10 · OC9+ - 5 min An Anatomical Investigation of a Contralateral Transorbital Approach to the Petrous Apex	Chris Seward (PA) Kris Moe Augusta University / Medical College of Georgia, USA (coauthor: Univ. of Washington, Seattle, USA)
13:42 – 13:53	Session Discussion	
13:53 – 14:53	Lunch Break ETOS Board Meeting	

Board members convene in Aula Tolosa, Staircase 8, 4th Floor, Hospital Clínic de Barcelona

Session V — Advanced and Emerging Applications of Endoscopic Transorbital Surgery

14:53 - 16:54

Moderators

Theodore Schwartz — Icahn School of Medicine at Mount Sinai, New York, USA
Calvin Mak — Queen Elizabeth Hospital, Hong Kong

14:53 – 15:03	Functional Neurosurgery Through Transorbital Corridors	Pedro Roldán Spain
15:03 – 15:13	Transorbital Approach for Epilepsy Surgery	Sébastien Froelich Lariboisière Hospital, Université Paris Cité, France

15:13 – 15:23	Transorbital Approaches for Anteromedial Temporal Lobe Gliomas	Jonathan Tangsrivimol Thailand
15:23 – 15:33	Beyond Skull Base Surgery: Keyhole Routes to the Mesial Temporal Lobe	Pascal Lavergne, MD, FRCSC Université de Montréal – Hôpital du Sacré-Cœur de Montréal (CIUSSS NIM) / Hôpital Maisonneuve-Rosemont (CIUSSS EMTL), Canada
15:33 – 15:43	Transorbital Approach in the Management of Penetrating Head Injury	Krisna Tsaniadi Prihastomo Indonesia
15:43 – 15:53	The Extended Inferolateral Transconjunctival Endoscopic Approach (e-ILTEA)	Breno Câmara Brazil
15:53 – 16:03	The Indications for TONES: The AIM Framework	Catherine Banks Australia
16:03 – 16:13	Exoscope, Endoscope or Both? Optimizing Visualization in Endoscopic Transorbital Surgery	Eyüp Bayatlı Ankara University, Turkey
16:13 – 16:23	Session Discussion	
16:23 – 16:28	Oral Communication 11 - 5 min Temporal Lobe White Matter Anatomy from a Transorbital Perspective: Implications for Selective Amygdalohippocampectomy	Tingting Jiang (PA) Pablo González López, Javier Abarca, Christian Cossandi, Alberto Prats-Galino, Joaquim Enseñat, Alberto Di Somma. Maggiore della Carità Hospital, Novara, Italia

16:28 – 16:33	Oral Communication 12 - 5 min The Transorbital Eyebrow Lacrimal Keyhole Approach (TELKA): Surgical Technique and Preliminary Case Series	Arianna Fava (PA) Pablo González López, Javier Abarca, Christian Cossandi, Alberto Prats-Galino, Joaquim Enseñat, Alberto Di Somma. Maggiore della Carità Hospital, Novara, Italia
16:33 – 16:38	Oral Communication 13 - 5 min Endoscopic Transorbital Selective Amygdalohippocampectomy: 3D Anatomical Quantitative Photogrammetric Study	Edoardo Agosti (PA) Yousef Odeibat, Claudia Restrepo, Guilherme Gago, Pascal Lavergne, Pierre-Olivier Champagne CHU de Québec – Université Laval, Québec City, Canada
16:38 – 16:43	Oral Communication 14 - 5 min Custom Orbital Retractor Reduces Retraction-Related Orbital Complications	Asim Sheikh (PA) Lisa Ferrie, Jiten Parmar Leeds General Infirmary, Leeds, UK
16:43 – 16:54	Session Discussion	

Session VI — Vascular Applications, Outcomes and Future Perspectives

16:54 - 19:10

Moderators

Joaquim Enseñat — Hospital Clínic de Barcelona, University of Barcelona, Spain
Matteo de Notaris — University of Salerno, Italy

16:54 – 17:04	Transorbital Vascular Surgery: Is It Truly Minimally Invasive?	Ramon Torné Hospital Clínic de Barcelona, Spain
17:04 – 17:14	Transorbital Approaches for Cerebral Aneurysms: Early Clinical Experience	Joel Caballero Ecuador
17:14 – 17:24	Transorbital Aneurysm Surgery: Surgical Planning and Virtual Reality	Walter Jean Canada

17:24 – 17:34	Can Aneurysms Be Treated Through the Orbit? The Cleveland Clinic Experience	Mauricio Mandel Cleveland Clinic Florida, USA
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17:34 – 17:44	The Evidence Behind Endoscopic Transorbital Surgery: Outcomes, Complications and Future Directions	Guilherme Gago Canada
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17:44 – 17:54	Postoperative CSF Leak After Transorbital Surgery: Prevention and Management	Doron Sommer & Kesh Reddy McMaster University, Canada
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17:54 – 18:04	Transorbital Surgery for Pediatric Orbital Trauma: From Reconstruction to Functional Recovery	Gardashkhan Karimzada Azerbaijan
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18:04 – 18:14	An Oculoplastic Perspective on Transorbital Neuroendoscopic Surgery	Dinesh Selva Australia
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18:14 – 18:24	Transorbital Surgery in Children: Lessons from the Rady Children's Experience	Michael L. Levy Rady Children's Hospital, San Diego, USA
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18:24 – 18:34	Session Discussion	
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18:34 – 18:39	Oral Communication 15 - 5 min Endoscopic Lateral Orbital Approach for a Cranio-Orbital Developmental Lesion in a 1-Year-Old Infant: A Case-Based Review	Shaik Mohammed Saheer (PA) AIIMS, Jodhpur, India
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18:39 – 18:44	Oral Communication 16 - 5 min Musculoskeletal Symptoms in Endoscopic Sinus, Transnasal and Transorbital Skull Base Surgery: Workload and Ergonomics	Itai Margulis (PA) Hayley Monson, Raewyn Campbell, Marc Tewfik, Kesava Reddy, Jessy Moore, Dana Al-Majid, Doron D. Sommer McMaster University, Hamilton, Canada

18:44 – 18:49	Oral Communication 17 - 5 min Exoscope-Assisted Proximal Corridor Monitoring in Endoscopic Transorbital Surgery: Preliminary Case Series	Yoshiaki Goto (PA) Teikyo University Hospital, Tokyo, Japan
18:49 – 18:54	Oral Communication 18 - 5 min Toward Computational Neurosurgery: Can We Parameterize When ETOS Makes Geometric Sense?	Jay Nemade (PA) Georgian National University SEU, Tbilisi, Georgia
18:54 – 18:59	Oral Communication 19 - 5 min A Geometry-Based Conceptual Framework for Accessory Corridor Selection in Endoscopic Multiport Skull Base Surgery: A Multicenter Clinical Experience	Shail Singh Chauhan (PA) AIIMS, Jodhpur, India
18:59 – 19:10	Session Discussion	

Oral Communications Evaluation (Jury)

19:10 - 19:15

ETOS General Assembly

19:15 - 19:25

Open to all ETOS members.

Awards Ceremony & Closing Remarks

19:25 - 19:30

- ETOS Best Oral Communication Award (€500)
- ETOS Best Poster Award (€500)

Closing Remarks

- Theodore Schwartz • Joaquim Enseñat • Alberto Di Somma

Friday, November 13 – Dissection Day

Programme

- 08:00 – 08:30** Lecture
Endoscopic Transorbital Approach to the Skull Base.
Full-Day Lab Workflow
Dr. Alberto Di Somma
- 08:30 – 09:30** Skin Phase (Superior Eyelid)
- 09:30 – 10:30** Working Space Phase (LOR Removal)
- 10:30 – 11:00** Working Space (Orbital Wall Drilling)
- 11:00 – 11:45** **Coffee Break**
- 11:45 – 12:30** Lesser Sphenoid Wing Exposure
- 12:30 – 13:00** Lesser Sphenoid Wing Removal
- 13:00 – 14:00** Sagittal Crest
- 14:00 – 14:45** **Lunch**
- 15:00 – 16:00** Anterior Clinoid
- 16:00 – 16:45** Middle Fossa Floor & Pterion
- 16:45 – 17:45** Petrous Apex
- 17:45 – 19:00** Dura Opening - Intradural Dissection
- 19:00 – 19:30** Discussion and Final Remarks



EACCME – European Accreditation Council for Continuing Medical Education.

Endoscopic Sinus Surgery Course has been accredited by the European Accreditation Council for Continuing Medical Education (EACCME®) for a maximum of 16 European CME credits (ECMEC® s).

Venue

Thursday, November 12: Lecture day

Aula Magna, Faculty of Medicine, University of Barcelona
C/ Casanova, 143, Barcelona

Friday, November 13: Dissection Day

Anatomy Department, Faculty of Medicine,
University of Barcelona
C/ Casanova, 143, Barcelona

Course Pricing Structure

Full Course
(Lectures +
Dissection):
€2500

Dissection Only:
€2000

Lectures Only:
€500

Registration fee includes a one-year ETOS membership.
Active ETOS members will receive a 100€ discount coupon.

Technical Secretariat

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