

7-9 OCTOBER 2024

5th INTERNATIONAL WORKSHOP ENDOSCOPIC TRANSORBITAL SKULL BASE SURGERY

SALERNO - ITALY

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"SCUOLA MEDICA SALERNITANA"



DAY 1
OCTOBER 7

GRAND HOTEL
SALERNO - ITALY

NATIONAL TRANSORBITAL COURSE **“SCHOLA MEDICA SALERNITANA”**

HONORARY PRESIDENTS: *PAOLO CAPPABIANCA, LUIGI MARIA CAVALLO*

PRESIDENT: *GIORGIO IACONETTA*

DIRECTOR: *MATTEO DE NOTARIS*

SCIENTIFIC SECRETARIAT: *FRANCESCO CORRIVETTI*

14:30 Welcome: *Giorgio Iaconetta, Carmine Vecchione, Annibale Alessandro Puca*

14:40 Opening: *Matteo de Notaris*

14:55 The birth of transorbital approach: our contribution: *Francesco Corrivetti*

15:10 Transorbital route for spheno-orbital meningiomas: results from a multicentric study: *Iacopo Dallan*

15:25 Bologna Transorbital Experience: *Matteo Zoli*

15:40 Endonasal Transorbital Complementarity: *Luigi Maria Cavallo*

15:55 Decision Making for Trigeminal Neurinomas: Transcranial or Transorbital?: *Giuseppe Catapano*

16:10 Transcranial Amygdalohippocampectomy: Techniques, Considerations, and Nuances: *Vincenzo Esposito*

16:25 The “Eyebrow” transorbital approach: *Cesare Zoia*

16:40 OPEN DISCUSSION: *Ettore Amoroso, Bernardino Cassiano, Antonio Colamaria, Aurelio D’Ecclesia, Pasqualino De Marinis, Domenico Di Maria, Giuseppe Di Nuzzo, Nicola Narciso, Armando Rapanà, Francesco Antonio Salzano, Alfonso Scarpa, Raffaele Scrofani, Vincenzo Seneca*

17:00 Coffee Break

VIDEO SESSION

17:20 *Edisher Magalashvili (Georgia)*: Endoscopic transorbital resection of anterior and middle cranial fossa lesions - case series

17:30 *Pascal Lavergne (Canada)*: Endoscopic Transorbital Approach in Montreal: Early Experience and Lessons Learned

17:40 *Claudio Campos (Chile)*: Experience with the Transorbital Approach at Davila Clinic, Santiago de Chile

ABSTRACT SESSION*

17:50 *Juan Carlos Yanez-Siller* - Exploring the Anatomy and Feasibility of the Endoscopic Transorbital Approach to the Lateral Skull Base

18:00 *Krisna Tsaniadi Prihastomo* - Microscopic Versus Endoscopic Transorbital Approach: Lesson Learned from Initial Experience

**Free paper: 7 min talk, 3 min discussion*

18:10 **Special Lecture: Novel concepts in skull base reconstruction:** *Francesco Corrivetti*

18:30 DISCUSSION

19:00 ADJOURN



DAY 2

OCTOBER 8

GRAND HOTEL

SALERNO - ITALY

FIRST ANNUAL MEETING OF ENDOSCOPIC TRANSORBITAL SURGERY SOCIETY (ETOS)

HONORARY PRESIDENT: KRIS MOE
PRESIDENT: DOO-SIK KONG
PRESIDENT-ELECT: THEODORE SCHWARTZ
SECRETARY AND LOCAL CHAIRMAN: MATTEO DE NOTARIS

Session 1. Dawning Epochs: The Genesis of New Beginnings

Moderator: Matteo de Notaris

8:30 Inaugural of endoscopic transorbital surgery society: *Kris Moe, Doo-Sik Kong, Theodor Schwarz*
8:50 General Assembly and Introduction of ETOS: *Matteo de Notaris*
9:00 Welcome by the Past President of SINch Medal of Honour of the WFNS: *Paolo Cappabianca*

Session 2. Charting the Untraveled Path**

Moderator: Kris Moe, Theodor Schwartz

9:10 The Dawn of Transorbital Surgery; general principles: *Kris Moe*
9:30 Journey through transorbital anatomy and surgical techniques: *Matteo de Notaris*
9:50 Role of translational research in the lab: *Alberto Di Somma*
10:10 Transorbital approach complex skull base meningiomas: *Iacopo Dallan*
** Faculty 15 min talk, 5 min discussion

ABSTRACT SESSION*

10:30 *Cesare Zoia* - Transorbital Approach with and without Lateral Rim Osteotomy: Anatomical Reappraisal and Clinical Experience to the Orbit and Middle Cranial Fossa
10:40 *Antonio Strangio* - Impact of Removal of the Lateral Orbital Rim during Endoscopic Trans-Orbital Approach (ETOA) on Intraorbital Pressure: A Cadaveric Study
10:50 *Ciro Mastantuoni* - Trans-orbital approach: trans-eyebrow vs. trans-palpebral with or without supero-lateral orbital rim craniotomy, quantitative and qualitative anatomical study.
11:00 *Roberto Manfredi* - The meningo-orbital band from below and above: comparative transorbital and transcranial perspectives
*Free paper: 7 min talk, 3 min discussion

11:10 GENERAL DISCUSSION

11:20 Coffee break

Session 3. The Advent of the Transorbital Approach for complex pathology**

Moderator: Doo-Sik Kong, Joaquim Enseñat

11:30 Transorbital approach for selective amygdalohippocampectomy: *Sébastien Froelich (Special International Honoured Guest)*
11:50 Transorbital approach for temporal & insular glioma: *Chang-Ki Hong*
** Faculty 15 min talk, 5 min discussion

ABSTRACT SESSION*

12:10 *Ting Ting Jiang* - Transorbital transsylvian selective amygdalohippocampectomy: a feasibility anatomical investigation

12:20 *Pedro Roldan* - Endoscopic transorbital approach for temporal lobe resection: clinical case and anatomic discussion
12:30 *Breno Camara* - Initial learning curve of Transorbital Neuroendoscopy Surgery in a public neurosurgical hospital in Northeast of Brazil and presentation of a novel transorbital endoscopic technique for mesial temporal lobe epilepsy
*Free paper: 7 min talk, 3 min discussion

12:40 Group photo & Lunch

Session 4. Beyond the limits: expanding indications for transorbital surgery**

Moderator: Theodore Schwartz, Alberto Di Somma

14:00 Transorbital Surgery in Barcelona: care pathway and current state: *Joaquim Enseñat*
14:20 Modular transorbital approaches based on targets: *Theodore Schwartz*
14:40 Paradigm shift of transorbital scope; from fundamentals to frontier: *Doo-Sik Kong*
15:00 Avoiding the pitfalls: risk management in transorbital surgery: *Darlene Lubbe*
15:20 Venturing into the realm of the extreme transorbital pathways: *Chang-Ki Hong*
** Faculty 15 min talk, 5 min discussion

15:40 Coffee break

Session 5. Global Perspectives: Diverse Experiences

Moderator: Darlene Lubbe, Matteo de Notaris

VIDEO SESSION

16:00 *Calvin Mak (Hong Kong)*: "Multiportal applications for endoscopic transorbital surgery - a Hong Kong experience"
16:10 *Kesh Reddy, Doron Sommer (Canada)*: "Transorbital route to the skull base - trials and tribulations"

ABSTRACT SESSION*

16:20 *Francesco Corrivetti* - The internal carotid artery, a transorbital perspective, anatomic study
16:30 *Javier Saavedra* - Transorbital Neuroendoscopic Surgery as an Alternative Approach in the Management of Traumatic Brain Injury: A Case Series and Scoping Review
16:40 *Chiman Jeon* - Extended Endoscopic Transorbital Approach for Giant Cranial Nerve Schwannoma: Appreciating the Surgical Anatomy of the Internal Carotid Artery from Petrous to Cavernous
16:50 *Feng Cai* - Endoscopic Transorbital Transincisural Approach to the Ventral Brainstem: A Step-by-Step Cadaveric Dissection Study
17:00 *Eman H. Salem* - Endoscopic multiportal approaches to Meckel's cave: a cadaveric study and a 3-Dimensional anatomical video
*Free paper: 7 min talk, 3 min discussion

17:10 ADJOURN



DAY 3

OCTOBER 9

FONDAZIONE EBRIS

SALERNO - ITALY

ANATOMICAL WORKSHOP OF TRANSORBITAL SKULL BASE SURGERY

DIRECTORS: *DOMENICO SOLARI, FRANCESCO CORRIVETTI*

8:30 Participant registration

9:00 **Step by step Master Dissection** (*Francesco Corrivetti, Matteo de Notaris, Alberto Di Somma, Chang-Ki Hong, Doo-Sik Kong, Darlene Lubbe, Kris Moe*) and participants dissection

- Skin Phase: Superior eyelid Transorbital Approach
- Periorbita and Lateral Orbital Rim Exposure
- Lateral orbital wall drilling, Lateral orbitotomy and temporal muscle exposure
- Greater and Lesser Sphenoid Wing drilling and Temporal Dura exposure
- Meningo-orbital band, Sagittal Crest dissection

12:30 Lunch

Special Anatomical Remarks Presentations

13:30 *Amedeo Piazza*: Photogrammetry of the TRANSORBITAL BONE ANATOMY

13:40 *Edoardo Agosti*: Transorbital step-by step approach anatomy

13:50 *Sergio Corvino*: Lateral orbital removal for TOA

14:00-18:00

- Cavernous Sinus Peeling and Dissection
- Anterior petrosectomy including Lateral orbital Rim Removal
- Anterior Clinoidectomy
- Crista ovale removal and infratemporal exposure
- Dura opening and Temporo-mesial exposure

18:00 END of the dissection program

Lab assistant: *Corrado Alati, Francesco Carbone, Manuel Colangelo, Andrea De Rosa, Matteo De Simone, Giulia Guizzardi, Ting-Ting Jiang, Augusto Leone, Ciro Mastantuoni, Francesco Paglia, Edoardo Porto, Matteo Sacco, Roberto Tafuto, Pierlorenzo Veiceschi, nurses from the operating room AOU S. Giovanni di Dio e Ruggi d'Aragona.*

FACULTY

Edoardo Agosti Brescia, Italy

Ettore Amoroso Salerno, Italy

Claudio Campos Santiago de Chile, Chile

Paolo Cappabianca Napoli, Italy

Bernardino Cassiano Napoli, Italy

Giuseppe Catapano Napoli, Italy

Luigi Maria Cavallo Napoli, Italy

Antonio Colamaria Foggia, Italy

Francesco Corrivetti Salerno, Italy

Sergio Corvino Napoli, Italy

Iacopo Dallan Pisa, Italy

Aurelio D'Ecclesia Foggia, Italy

Pasqualino De Marinis Napoli, Italy

Matteo de Notaris Salerno, Italy

Domenico Di Maria Benevento, Italy

Giuseppe Di Nuzzo Napoli, Italy

Alberto Di Somma Barcelona, Spain

Joaquim Enseñat Barcelona, Spain

Vincenzo Esposito Roma, Italy

Sébastien Froelich Paris, France

Giorgio Iaconetta Salerno, Italy

Chang-Ki Hong Seoul, Korea

Doo-Sik Kong Seoul, Korea

Pascal Lavergne Montréal, Canada

Darlene Lubbe Cape Town, South Africa

Edisher Maghlashvili Tbilisi, Georgia

Calvin Mak Hong Kong, China

Kris Moe Seattle, Washington

Nicola Narciso Salerno, Italy

Amedeo Piazza Roma, Italy

Armando Rapanà Avellino, Italy

Kesh Reddy Toronto, Canada

Francesco Antonio Salzano Salerno, Italy

Alfonso Scarpa Salerno, Italy

Theodore Schwartz New York, USA

Raffaele Scrofani Salerno, Italy

Vincenzo Seneca Napoli, Italy

Domenico Solari Napoli, Italy

Doron Sommer Hamilton, Canada

Cesare Zoia Gravedona, Italy

Matteo Zoli Bologna, Italy

