

# ENDOSCOPIC TRANSNASAL SKULL BASE SURGERY @ GEMELLI

HANDS-ON & LIVE SURGERY COURSE  
for ENT- and NEURO-SURGEONS

ROME

## DIRECTORS

JACOPO GALLI - ENT Surgery  
ALESSANDRO OLIVI - Neurosurgery  
GAETANO PALUDETTI - ENT surgery

## SCIENTIFIC SECRETARIAT

FRANCESCO DOGLIETTO - Neurosurgery  
LIVERANA LAURETTI - Neurosurgery  
PIER PAOLO MATTOGNO - Neurosurgery  
CLAUDIO PARRILLA - ENT surgery  
MARIO RIGANTE - ENT surgery

# ENDO SKULL BASE



# SUR GEM

13-16 SEPTEMBER 2024


Endoscopic trans-nasal skull base surgery has become the treatment of choice for many different skull base pathologies. However, mastering this surgery requires specific technical abilities and knowledge of anatomy and of the different skull base pathologies. This course aims to provide the essentials of endoscopic transnasal skull base surgery, both from a clinical and a technical point of view, for ENT- and Neuro-surgeons. The tenets of clinical management, together with the details of surgical anatomy, technique, and management of complications, will be presented by experts in the field.


The course will comprise an afternoon session with a concise theoretical introduction, two full days of hands-on dissection in the anatomy laboratory (equipped with high-quality specimens and state-of-the-art instrumentation), and a live surgery session with two operating rooms. The course aims to provide a concise but thorough journey in this exciting field, showing the importance of a multidisciplinary approach, from the anatomy laboratory to the clinical, multi-specialty collaboration.

The course is for ENT- and Neuro-surgeons with a beginner/intermediate level who want to improve their knowledge and technical skills in endoscopic trans-nasal skull base surgery. The course includes an informal social dinner in Rome, with all faculty and participants, on Saturday, May 13<sup>th</sup>. All the faculty aim to share their expertise with you.


We look forward to having you here (in person!) with us in Rome at Fondazione Gemelli University Hospital!

 **TARGET AUDIENCE** Neurosurgery and ENT- surgery


 **REGISTRATION** . Limited to 10 participants.  
Course registration costs: € 2000 + VAT for Specialists | € 1800 + VAT for Trainees. The discounted fee is also offered to a team made of a Neuro- and a ENT-surgeon, so come with your surgical partner.  
To get registered: <https://gestionale.molipharma.com/>

 **COURSE VENUE**  
Fondazione Policlinico Universitario "Agostino Gemelli" IRCCS  
Largo A. Gemelli, 8 - 00168 Rome  
Day 1: Gemelli Foundation University Hospital  
Day 2 & 3: SURGEM (Surgical Research & Training Centre @ Gemelli)  
Day 4: Gemelli Foundation University Hospital

## HOW TO GET ROME:

 by TRAIN - FR3 and UNDERGROUND

- From Ostiense and Valle Aurelia stations, connected to the underground lines A and B, take the FR3 Train with the direction "Cesano - Viterbo" and get off at Gemelli station.
- From Termini station, take the underground line A (direction "Battistini") and get off at Valle Aurelia station. From there take the FR3 Train with the direction "Cesano-Viterbo" and get off at Gemelli station.


 by BUS

- The Hospital can be reached via the ATAC bus lines 146 and 446 (departure from "Piazza dei Giureconsulti").

 by PLANE

"Leonardo da Vinci" Airport - Rome Fiumicino:

- Take the non-stop express train directed to Termini station (trip: about 30 min. - frequency: every 30 min.). From there take the underground line A (trip: about 35 min.) and get off at Battistini station. Take the bus line 146 until you reach Policlinico «A. Gemelli» of Università Cattolica (trip: about 10 min.);
- Take the train directed to Fara Sabina or Orte (frequency: every 20 min.) and get off at Trastevere station (trip: about 25 min.). Take the FR3 Train with the direction "Cesano - Viterbo" and get off at Gemelli station (trip: about 10 min. - frequency: every 15 min.).

 by CAR

- Take the GRA (Grande Raccordo Anulare) exit n° 4 (Trionfale), in the direction of Rome, until the crossroad with Via Pineta Sacchetti. Continue until you reach Largo Agostino Gemelli, 8.
- Take the GRA (Grande Raccordo Anulare) exit n° 1 (Aurelia), in the direction of Rome, until you get to Piazza Imerio. From there take via della Pineta Sacchetti until you reach Largo Agostino Gemelli, 8.

**DAY 1 – FRIDAY, SEPTEMBER 13<sup>th</sup>****VENUE: GEMELLI FOUNDATION UNIVERSITY HOSPITAL**

15.00 INTRODUCTION (A. Olivi, G. Paludetti, J. Galli, A. Pontecorvi, E. Sala, M. Antonelli, G. Rindi)

**SELLAR AND PARASELLAR PATHOLOGY**

15.15 ENDOCRINE ASSESSMENT AND MANAGEMENT (A. Bianchi)

15.30 RADIOLOGICAL DIAGNOSIS (M. Martucci)

15.45 ANESTHESIOLOGIST MANAGEMENT (M. Rossi)

16.00 SELLAR &amp; PARASELLAR PATHOLOGY (M. Gessi)

16.15 DISCUSSION

16.30 COFFEE BREAK

**SURGICAL ANATOMY AND COMPLICATIONS**

16.45 NASAL ANATOMY (M. Rigante)

17.00 SELLAR AND PARASELLAR ANATOMY (M. Ferrari)

17.15 TRANSSPHENOIDAL SURGERY: THE MODULES (V. Rampinelli)

17.45 COMPLICATIONS: CSF LEAK (D. Mattavelli)

18.05 COMPLICATIONS: NASAL (A. Schreiber)

18.25 COMPLICATIONS: HEMORRHAGE (F. Doglietto)

18.45 DISCUSSION &amp; CLOSING REMARKS

**DAY 2 – SATURDAY, SEPTEMBER 14<sup>th</sup>****VENUE: SURGGEM (SURGICAL RESEARCH & TRAINING CENTRE @ GEMELLI)**

08.30 INTRODUCTION TO HANDS ON DISSECTION

09.00 THE 4 MODULES OF TRANSSPHENOIDAL SURGERY FOR THE SELLAR REGION

11.00 TRANS-SELLAR APPROACH: APPROACH &amp; RECONSTRUCTION

13.00 LUNCH BREAK &amp; DISCUSSION

14.00 TRANS-TUBERCULUM/PLANUM: APPROACH &amp; RECONSTRUCTION

16.00 COFFEE BREAK &amp; DISCUSSION

16.30 TRANSLIVAL (MID&amp;UPPER): APPROACH &amp; RECONSTRUCTION

18.00 DISCUSSION &amp; CLOSING REMARKS

**DAY 3 – SUNDAY, SEPTEMBER 15<sup>th</sup>****VENUE: SURGGEM (SURGICAL RESEARCH & TRAINING CENTRE @ GEMELLI)**

08.30 INTRODUCTION TO THE CORONAL PLANE

09.00 TRANSPTERYGOID TO CAVERNOUS SINUS &amp; PETROUS APEX

11.00 TRANS-NASAL APPROACHES TO THE ORBIT

13.00 LUNCH BREAK &amp; DISCUSSION

14.00 TRANSLIVAL (LOW) / ODONTOIDECTOMY: APPROACH &amp; RECONSTRUCTION

16.00 COFFEE BREAK &amp; DISCUSSION

**DEMONSTRATION OF RESCUE STRATEGIES FOR COMPLEX CSF LEAK**

16.30 ENDOSCOPIC TRANSORBITAL APPROACHES

18.00 DISCUSSION &amp; CLOSING REMARKS

**DAY 4 – MONDAY, SEPTEMBER 16<sup>th</sup>****VENUE: GEMELLI FOUNDATION UNIVERSITY HOSPITAL**

08.00 INTRODUCTION TO LIVE SURGERY

08.30 CLINICAL DECISION MAKING IN SELLAR &amp; PARASELLAR PATHOLOGY (L. Lauretti)

09.00 LIVE SURGERY (2 OPERATING ROOMS)

13.00 DISCUSSION &amp; CLOSING REMARKS

**PROGRAM****FACULTY**

Francesco Doglietto – Neurosurgery, Rome  
Pier Paolo Mattogno – Neurosurgery, Rome  
Liverana Lauretti – Neurosurgery, Rome  
Giorgio D'Alessandris – Neurosurgery, Rome  
Alessandro Olivi – Neurosurgery, Rome  
Vito Stifano – Neurosurgery, Rome

Gaetano Paludetti – ENT surgery, Rome  
Giovanni Almadori – ENT surgery, Rome  
Claudio Parrilla – ENT surgery, Rome  
Mario Rigante – ENT surgery, Rome  
Jacopo Galli – ENT surgery, Rome  
Jacopo Dallan – ENT surgery, Pisa  
Alberto Schreiber – ENT surgery, Brescia

Davide Mattavelli – ENT surgery, Brescia  
Marco Ferrari – ENT surgery, Padua  
Vittorio Rampinelli – ENT surgery, Brescia  
Stefano Taboni – ENT surgery, Padua

Alessandro Fiorindi – Neurosurgery, Brescia  
Simona Seriola – Neurosurgery, Brescia  
Cesare Zoia – Neurosurgery, Gravedona (CO)  
Matteo Zoli – Neurosurgery, Bologna

Marco Gessi – Pathology, Rome  
Guido Rindi – Pathology, Rome  
Vincenzo Arena – Pathology, Rome  
Egidio Stigliano (technician) – Pathology, Rome

Martucci Matia – Neuroradiology, Rome  
Simona Gaudino – Neuroradiology, Rome  
Evis Sala – Advanced Radiodiagnostic Centre, Rome

Antonio Bianchi – Endocrinology, Rome  
Alfredo Pontecorvi – Endocrinology, Rome

Lena Hirtler – Anatomy, Vienna  
Barbara Buffoli – Anatomy, Brescia

Marco Rossi – Anaesthesiology, Rome  
Valerio Perotti – Anaesthesiology, Rome  
Fabio Sbaraglia – Anaesthesiology, Rome  
Massimo Antonelli – Anaesthesiology and Intensive Care, Rome

Secretariat

Molipharma s.r.l.

E-mail: [info@molipharma.com](mailto:info@molipharma.com)

Phone number: +39 06 30156014