

REGISTRATION FEES

Regular

€1.850,00

Reduced fee for SIB, SIO, IAR, and ERS members

€1.650,00

CANCELLATION POLICY

Cancellations received by March 20th, 2026: 75% refund
Cancellations received after March 20th, 2026: no refund

REGISTRATION

To participate in the course, users are required to register at the following link:

<https://anatomx.com/prodotto/advanced-hands-on-masterclass/>

The registration fee includes: Nr. 1 dinner on 12th May, catering service during the course, surgical and educational material, nr. 1 specimen (every two attendees), attendance certificate, insurance. In case of rescheduling or cancellation of the course due to reasons attributable to Hinovia and/or AnatomX, participants will be entitled to a refund of the registration fee should they not accept the newly proposed date.

As for travel and accommodation expenses:

Only and exclusively the costs related to travel or accommodation arrangements issued directly by Hinovia on behalf of AnatomX will be refunded in full.

Any travel or accommodation expenses independently arranged by the participants will not be reimbursed by Hinovia for AnatomX. Participants are therefore strongly advised to take out an insurance policy that covers such costs in the event of changes or cancellation of the event.

ITALIAN CME ACCREDITATION

The training event will be accredited (32,6 Italian CME credits) for the following medical specialties:
Neurosurgery, Maxillofacial Surgery, Otorhinolaryngology

EDUCATIONAL OBJECTIVE

Technical and professional contents (knowledge and skills) specific to each profession, each specialty, and each subspecialty activity, including rare diseases and gender medicine.

EVENT VENUE

ANATOMX
HINOVIA RESEARCH & TRAINING CENTER
CADAVER LAB EXPERIENCE



AnatomX by IRCCS MultiMedica,
Via Gaudenzio Fantoli, 16/15 20138 Milan

Provider, technological and scientific partner

HINOVIA
E D U C A T I O N

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HINOVIA
E D U C A T I O N

IAR
ITALIAN ACADEMY
OF RHINOLOGY

SIB
Società Italiana del Basicranio

ANATOMX
HINOVIA RESEARCH & TRAINING CENTER
CADAVER LAB EXPERIENCE

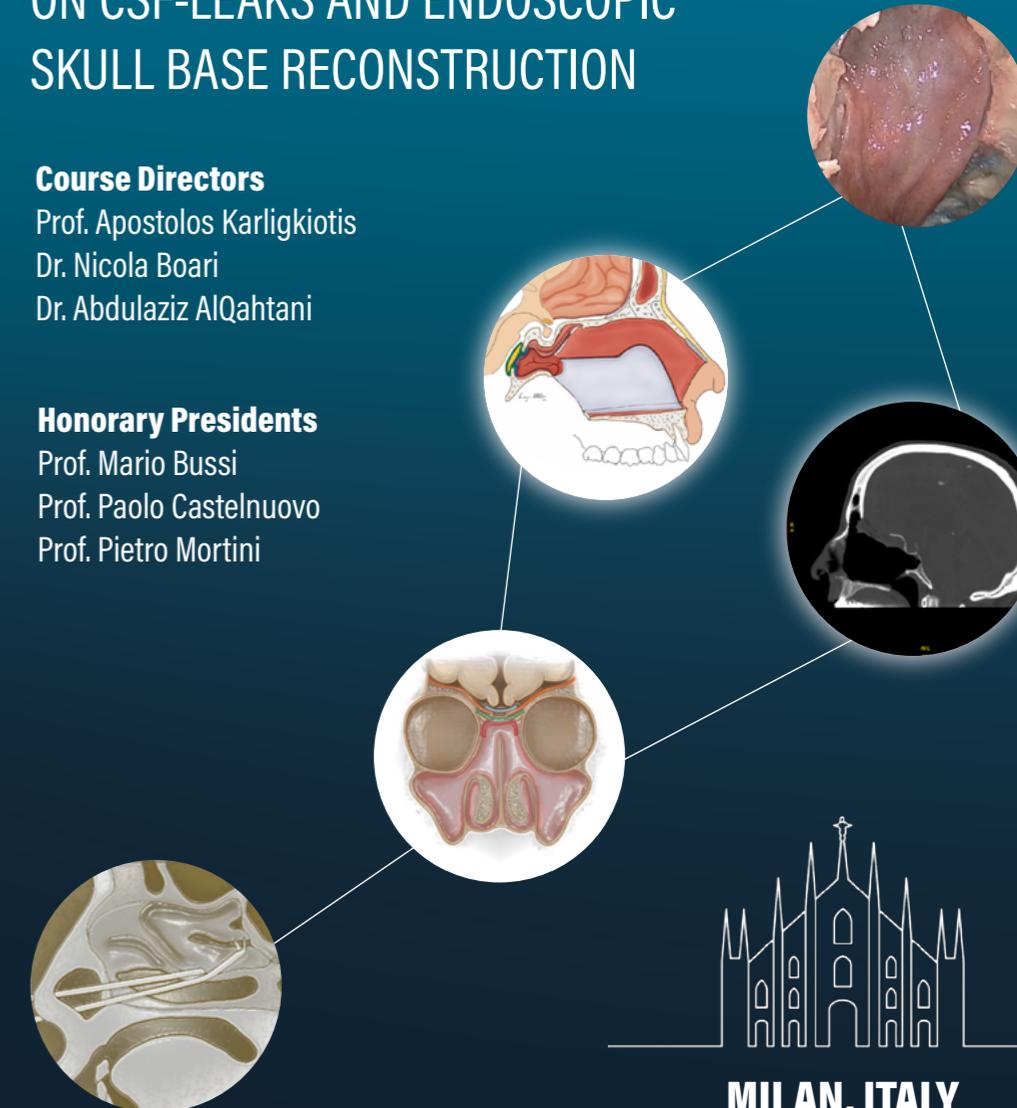
ADVANCED HANDS-ON MASTERCLASS ON CSF-LEAKS AND ENDOSCOPIC SKULL BASE RECONSTRUCTION

Course Directors

Prof. Apostolos Karligkiotis
Dr. Nicola Boari
Dr. Abdulaziz AlQahtani

Honorary Presidents

Prof. Mario Bussi
Prof. Paolo Castelnovo
Prof. Pietro Mortini



MILAN, ITALY

11-13 May, 2026

SCIENTIFIC RATIONALE

Skull base surgery represents one of the most challenging areas within rhinology and neurosurgery, where surgical precision, anatomical knowledge, and reconstructive skills are crucial to patient safety and outcomes. Among these procedures, cerebrospinal fluid (CSF) leak repair is particularly demanding, as it requires mastery of complex anatomical corridors, appropriate graft and flap selection, and the ability to achieve reliable watertight closures.

Despite its importance, exposure to real CSF leak cases during training remains limited, and the steep learning curve of endoscopic skull base reconstruction can increase operative risks when performed without adequate preparation. Simulation models and cadaveric dissection therefore play a pivotal role in bridging this educational gap, offering a safe environment for surgeons to acquire and refine the necessary technical skills before translating them into clinical practice.

This advanced hands-on international masterclass in Milan is designed to provide participants with comprehensive training in endoscopic management of CSF leaks and skull base defects. Through a combination of focused lectures, expert-led discussions, and step-by-step cadaveric dissections, attendees will gain in-depth knowledge of sinonasal and skull base anatomy, principles of reconstruction, and the use of grafts, flaps, and innovative techniques such as the gasket seal approach. A distinctive feature of the course is the use of a validated cadaveric perfusion model that realistically simulates CSF leaks, allowing participants to practice under conditions closely resembling live surgery.

By the end of the three-day program, participants will have developed enhanced surgical confidence and competence in endoscopic skull base reconstruction, equipping them with the skills required to face real clinical challenges with greater safety and efficacy.

We look forward to welcoming you in Milan for this unique educational experience in May 2026!

FACULTY

Remo Accorona - Milano	Francesco Doglietto - Roma	Andrea Preti - Milano
Abdulaziz AlQahtani - Ryad	Marco Ferrari - Padova	Vittorio Rampinelli - Brescia
Alberto Arosio - Varese	Giorgos Giourgos - Bergamo	Federico Russo - Como
Muaid Baban - Sulaymaniyah	Bozkurt Gulpembe - Istanbul	Alberto Schreiber - Manerbio (BS)
Michele Bailo - Milano	Apostolos Karligkiotis - Milano	Giorgio Sileo - Varese
Francesco Bandi - Milano	Alessia Lambertoni - Varese	Domenico Solari - Napoli
Paolo Battaglia - Como	Federico Leone - Milano	Alfio Spina - Milano
Maurizio Bignami - Varese	Davide Mattavelli - Brescia	Luca Spirito - Firenze
Nicola Boari - Milano	Diego Mazzatenta - Bologna	Mario Turri-Zanoni - Como
Mario Bussi - Milano	Niccolò Mevio - Milano	Alessandro Vinciguerra - Como
Frank Rikki Canevari - Genova	Pietro Mortini - Milano	Luca Volpi - Varese
Paolo Castelnuovo - Milano	Francesco Mozzanica - Milano	Jacopo Zocchi - Milano
Georgalas Christos - Athens	Gianluca Nocera - Milano	Cesare Zoia - Gravedona (CO)
Giulia Dané - Milano	Giacomo Pietrobon - Milano	
Anna Del Poggio - Milano	Andrea Pistochini - Varese	

SCIENTIFIC PROGRAM

May 11, 2026

08:00 – 08:15 Registration of participants

08:15 – 11:00 **Lectures:**

- Paranasal Sinuses Endoscopic Anatomy - **P. Battaglia**
- Skull Base Endoscopic Anatomy: ENT perspective - **A. Karligkiotis**
- Skull Base Anatomy from above: Neurosurgeons perspective - **F. Doglietto**
- Radiological Anatomy of the sinuses and Skull base - **A. Del Poggio**
- Physiology of CSF circulation - **A. Spina**
- Radiological Diagnosis of CSF-leak - **D. Mattavelli**
- Laboratory tests and the role of fluorescein in CSF-leaks - **M. Bignami**
- Management of idiopathic intracranial hypertension - **M. Bailo**
- Traumatic CSF-leaks - **C. Georgalas**
- Operative room set-up and instrumentation - **D. Solari**

Q&A's Discussion

11:00 – 13:00 **Lectures:**

- Skull Base reconstruction principle techniques based on site - **M. Turri-Zanoni**
- Grafts vs Flaps in Skull Base reconstruction - **A. Schreiber**
- Allogenic materials - **A. Vinciguerra**
- External approaches for skull base reconstruction - **D. Mazzatenta**
- CSF-leaks in children - **A. AlQahtani**
- Role of lumbar drains - **N. Boari**
- Post-operative care and instructions - **G. Bozkurt**
- Management of complications - **C. Zoia**

Q&A's Discussion

13:00 – 14:00 Light Lunch

14:00 – 15:30 **Live-guided step-by-step dissection**

- Endoscopic sinus surgery: identification of main surgical landmarks
- Paraseptal sphenoidotomy and rescue flap harvesting
- Anterior sinus compartments: uncinectomy, middle meatus antrotomy, anterior ethmoidectomy and Draf type I frontal sinusotomy

15:30 – 18:00 **Live-guided step-by-step dissection**

- Identification of sphenopalatine artery complex
- Posterior ethmoidectomy and transethmoid sphenoidotomy
- Frontal sinusotomy Draf type IIa

SCIENTIFIC PROGRAM

May 12, 2026

08:00 – 10:00 **Live-guided step-by-step dissection**

- Nasoseptal flap harvesting
- Inferior turbinate flap harvesting

10:00 – 13:00 **Live-guided step-by-step dissection**

- Middle turbinate graft harvesting
- Cribiform plate reconstructive techniques (single layer overlay graft)
- Ethmoidal roof reconstructive techniques (multilayer grafts)

13:00 – 14:00 Light Lunch

14:00 – 16:00 **Live-guided step-by-step dissection**

- Transnasal endoscopic approach to the sella
- Sellar defect reconstructive techniques (multilayer grafts and flap)

16:00 – 18:00 **Live-guided step-by-step dissection**

- Transnasal endoscopic approach to tuberculum sellae and planum
- Gasket seal technique (multilayer grafts and flap)

SCIENTIFIC PROGRAM

May 13, 2026

08:00 – 10:30 **Live-guided step-by-step dissection**

- Draf type III and anterior transnasal craniectomy
- Pericranial flap harvestin

10:30 – 13:00 **Live-guided step-by-step dissection**

- Frontal Mailbox Slot for pericranial flap
- Anterior skull base reconstruction

13:00 – 14:00 Light Lunch

14:00 – 16:00 **Live-guided step-by-step dissection**

- Medial maxillectomy and infratemporal fossa corridor
- Temporoparietal fascial flap harvesting

16:00 – 18:00 **Live-guided step-by-step dissection**

- Endonasal transposition via a temporal-infratemporal tunnel
- Side door temporoparietal fascial flap

18:00 Closing remarks