

## REGISTRATION FEES

Regular

€1.850,00

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

€1.650,00

## CANCELLATION POLICY

Cancellations received by March 20<sup>th</sup>, 2026: 75% refund

Cancellations received after March 20<sup>th</sup>, 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 12<sup>th</sup> 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 (40,4 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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ID Provider: 1307

**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

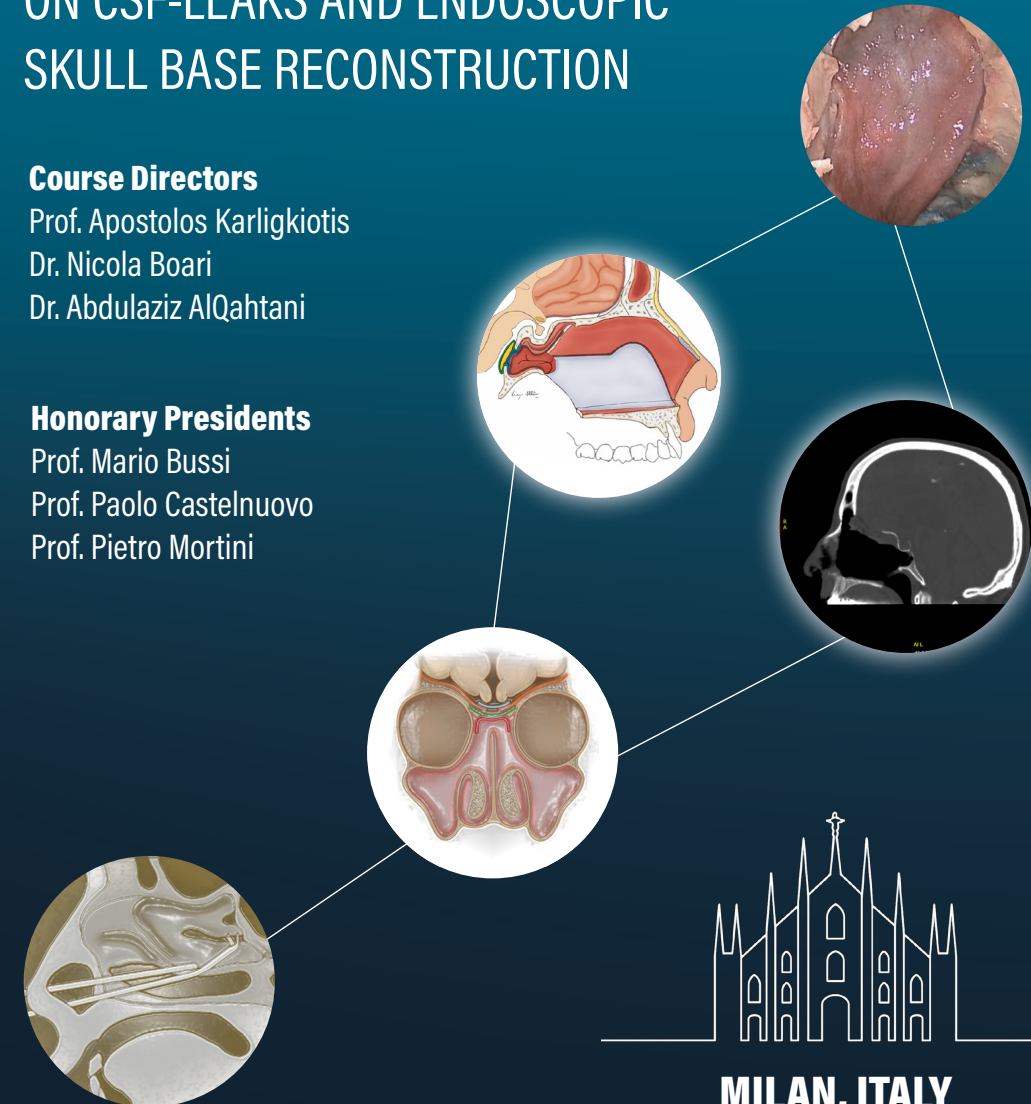
Dr. Abdulaziz AlQahtani

### Honorary Presidents

Prof. Mario Bussi

Prof. Paolo Castelnuevo

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

SCIENTIFIC PROGRAM		May 11, 2026
08:00 – 08:15	Registration of participants	
08:15 – 11:00	<b>Lectures:</b>	<ul style="list-style-type: none"><li>Paranasal Sinuses Endoscopic Anatomy</li><li>Skull Base Endoscopic Anatomy: ENT perspective</li><li>Skull Base Anatomy from above: Neurosurgeons perspective</li><li>Radiological Anatomy of the sinuses and Skull base</li><li>Physiology of CSF circulation</li><li>Radiological Diagnosis of CSF-leak</li><li>Laboratory tests and the role of fluorescein in CSF-leaks</li><li>Management of idiopathic intracranial hypertension</li><li>Traumatic CSF-leaks</li><li>Operative room set-up and instrumentation</li></ul>
	Q&A's Discussion	
11:00 – 13:00	<b>Lectures:</b>	<ul style="list-style-type: none"><li>Skull Base reconstruction principle techniques based on site</li><li>Grafts vs Flaps in Skull Base reconstruction</li><li>Allogenic materials</li><li>External approaches for skull base reconstruction</li><li>CSF-leaks in children</li><li>Role of lumbar drains</li><li>Post-operative care and instructions</li><li>Management of complications</li></ul>
	Q&A's Discussion	
13:00 – 14:00	Light Lunch	
14:00 – 15:30	<b>Live-guided step-by-step dissection</b>	<ul style="list-style-type: none"><li>Endoscopic sinus surgery: identification of main surgical landmarks</li><li>Paraseptal sphenoidotomy and rescue flap harvesting</li><li>Anterior sinus compartments: uncinectomy, middle meatus antrostomy, anterior ethmoidectomy and Draf type I frontal sinusotomy</li></ul>
15:30 – 18:00	<b>Live-guided step-by-step dissection</b>	<ul style="list-style-type: none"><li>Identification of sphenopalatine artery complex</li><li>Posterior ethmoidectomy and transethmoid sphenoidotomy</li><li>Frontal sinusotomy Draf type IIa</li></ul>

SCIENTIFIC PROGRAM		May 12, 2026
08:00 – 10:00	<b>Live-guided step-by-step dissection</b>	<ul style="list-style-type: none"><li>Nasoseptal flap harvesting</li><li>Inferior turbinate flap harvesting</li></ul>
10:00 – 13:00	<b>Live-guided step-by-step dissection</b>	<ul style="list-style-type: none"><li>Middle turbinate graft harvesting</li><li>Cribiform plate reconstructive techniques (single layer overlay graft)</li><li>Ethmoidal roof reconstructive techniques (multilayer grafts)</li></ul>
13:00 – 14:00	Light Lunch	
14:00 – 16:00	<b>Live-guided step-by-step dissection</b>	<ul style="list-style-type: none"><li>Transnasal endoscopic approach to the sella</li><li>Sellar defect reconstructive techniques (multilayer grafts and flap)</li></ul>
16:00 – 18:00	<b>Live-guided step-by-step dissection</b>	<ul style="list-style-type: none"><li>Transnasal endoscopic approach to tuberculum sellae and planum</li><li>Gasket seal technique (multilayer grafts and flap)</li></ul>

SCIENTIFIC PROGRAM		May 13, 2026
08:00 – 10:30	<b>Live-guided step-by-step dissection</b>	<ul style="list-style-type: none"><li>Draf type III and anterior transnasal craniectomy</li><li>Pericranial flap harvestin</li></ul>
10:30 – 13:00	<b>Live-guided step-by-step dissection</b>	<ul style="list-style-type: none"><li>Frontal Mailbox Slot for pericranial flap</li><li>Anterior skull base reconstruction</li></ul>
13:00 – 14:00	Light Lunch	
14:00 – 16:00	<b>Live-guided step-by-step dissection</b>	<ul style="list-style-type: none"><li>Medial maxillectomy and infratemporal fossa corridor</li><li>Temporoparietal fascial flap harvesting</li></ul>
16:00 – 18:00	<b>Live-guided step-by-step dissection</b>	<ul style="list-style-type: none"><li>Endonasal transposition via a temporal-infratemporal tunnel</li><li>Side door temporoparietal fascial flap</li></ul>
18:00	Closing remarks	