

Info

👥 Participants

The course is open to 8 surgeons specialized in Otolaryngology-Head and Neck Surgery (OHNS) or OHNS residents in their final year, with a special interest in otology/neurotology.
The age limit is 40 years.

🏆 Reward

A prize will be awarded for the best dissection at the end of the course.

📖 Official Language

English

👤 Faculty

Anschuetz Lukas
Bortolani Barbara
Botti Cecilia
Cercenelli Laura
Davide Soloperto
Fernandez Ignacio Javier
Fermi Matteo
Marcelli Emanuela
Marchioni Daniele
Molinari Giulia
Presutti Livio
Villari Domenico

💰 Registration

The registration fee is € 1,800.00 VAT included. To enroll, send an application email with your CV and personal data to debora@htcongressi.it

This course is dedicated to prof. Gabriele Molteni, our dear colleague whose contributions to the scientific community and dedication to surgical training left a lasting impact among us.



Organizing Secretariat

HT Eventi e Formazione s.r.l.

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B E M E E S

BOLOGNA ENDOSCOPIC - MICROSCOPIC - EXOSCOPIC EAR SURGERY COURSE



IRCCS AOU Sant'Orsola Polyclinic

University of Bologna - Anatomy Center



Course Directors: **prof. Gabriele Molteni, dr. Giulia Molinari**
Course Honorary President: **prof. Livio Presutti**

B E M E E S

Presentation

The Bologna Endoscopic and Microscopic Ear Surgery Course integrates the most advanced training methods in ear surgery, from visualization systems to synthetic patient-specific models, and surgical equipment.

The aim is to optimize the learning curve of young ENT surgeons, offering them wide hands-on experience with all current ear surgery techniques—endoscopic, microscopic, and exoscopic approaches.

The first day is dedicated to endoscopic dissection, combining dissection on cadaveric specimens for a detailed exploration of normal anatomy, with dissection on 3D-printed models simulating pathological conditions, such as otosclerosis and chronic otitis media.

The second day focuses on simulating advanced microscopic approaches using pathological 3D-printed models, allowing participants to practice cochlear implant surgery and approaches to the internal ear and cerebellopontine angle. Each dissection session will begin with a brief video commentary, to maximize participants' hands-on practice time.

On the final day, participants will join the operating rooms to watch different live surgeries, gaining valuable real-world experience and insight into different surgical cases.

Monday 29th September DAY1
8.00 a.m. - 5.30 p.m.

 Center for Clinical, Surgical, Experimental and Molecular Anatomy - University of Bologna - via Irnerio 48

ENDOSCOPIC DISSECTION: from the external to the internal auditory canal

8.00 am Registration and Welcome

8.15 am "Principles of endoscopic ear surgery" - Livio Presutti

8.30 am "Endoscopic anatomy of the middle and inner ear" – Daniele Marchioni

9.00 am DISSECTION PART ONE

ON FRESH FROZEN CADAVERIC EAR BLOCK

- Miringotomy and ventilation tube insertion
- Tympanomeatal flap elevation and tympanic cavity exploration
- Endoscopic myringoplasty
- Endoscopic atticotomy, chorda tympani dissection, ossicular chain removal
- Endoscopic facial nerve decompression and access to the geniculate ganglion and middle cranial fossa dura skeletonization

Lecture "Endoscopic ossiculoplasty" – Lukas Anschuetz

Lecture "Endoscopic stapes surgery" – Ignacio Javier Fernandez

ON 3D PRINTED MODELS

- Endoscopic stapes surgery on fixed footplate
- Incus and malleus modeling

- PORP and TORP ossiculoplasty with autologous and synthetic prostheses in incus-free and stapes-free temporal bone models

1.00 pm Lunch

2.00 pm DISSECTION PART TWO

ON FRESH FROZEN CADAVERIC EAR BLOCK

- Endoscopic dissection of the internal carotid artery and jugular bulb
- Endoscopic round window anatomy
- Transpromontorial approach to the internal auditory canal

DAY2 Tuesday 30th September
8.00 a.m. - 5.30 p.m.

 New Simulation Center, Pavilion 25, IRCCS AOU Sant'Orsola Polyclinic - Via Massarenti 9

MICROSCOPIC/EXOSCOPIC DISSECTION: advanced approaches on pathologic 3D printed simulators

8.00 am "3D-printed synthetic simulators in ear surgery" – Giulia Molinari

8.15 am DISSECTION PART ONE

MICROSCOPIC AND EXOSCOPIC DISSECTION ON 3D PRINTED TEMPORAL BONES

- adult cochlear implant with far advanced otosclerosis, followed by subtotal petrosectomy
- translabyrinthine approach for acoustic neuroma removal

1.00 pm Lunch

2.00 pm DISSECTION PART TWO

MICROSCOPIC AND EXOSCOPIC DISSECTION ON 3D PRINTED MODELS

- transotic approach to the internal auditory canal
- pediatric cochlear implant

8.00 pm Course Dinner

Wednesday 1st October DAY3
8.00 a.m. - 3.00 p.m.

 Pavilion 5, Block B, IRCCS AOU Sant'Orsola Polyclinic - Via Massarenti 9

LIVE SURGERY

Live surgeries from two operating rooms:

- endoscopic myringoplasty
- endoscopic tympanoplasty
- endoscopic stapes surgery (primary and revision)
- cochlear implant
- combined (endoscopic/microscopic) approach for cholesteatoma

1.00 pm Lunch