SECOND ADVANCED CADAVERIC MICRO-ENDO-EXOSCOPIC DISSECTION COURSE OF THE PETROUS BONE

Course Directors
Giovanni Colombo, Raoul Nucci

Scientific Director
Matteo Di Bari

Cremona
November 27-28, 2026
Human Lab, Palazzo Trecchi

è un evento TRATTOBLU

COURSE PRESENTATION

The aim of this advanced course is to deepen anatomical and surgical knowledge of the petrous bone and lateral skull base through hands-on dissection of fresh-frozen specimens using multiple surgical approaches.

The course emphasizes the **integrated use and comparison of modern visualization technologies**, including the operating microscope, exoscope, and endoscope. In addition, participants will have the opportunity to handle and test a wide range of **contemporary surgical materials and prosthetic devices**, including bioactive glass for mastoid obliteration, stapes prostheses, TORP and PORP prostheses, and cochlear implant arrays.

The educational program consists of **both theoretical and practical components**.

The **theoretical sessions**, delivered remotely prior to the hands-on course, includes 7 webinars that will focus on advanced surgical techniques, current indications, and the latest developments in technologies and materials.

The **practical session** includes two full days of step-by-step anatomical dissections, supported by high-quality anatomical videos and live dissections at a dedicated master station. Ten individual dissection stations will be available, each equipped with an operating microscope. One master station, integrating microscope, endoscope, and exoscope, will demonstrate surgical steps and will also be available for hands-on dissection on a rotational basis.

Dissections will start from the middle ear and mastoid and progress to the inner ear, petrous bone, and lateral skull base. Electrodes for cochlear implant simulation and biocompatible materials for mastoid cavity obliteration will be provided.

Participants will be continuously supervised and mentored by experienced faculty throughout the practical exercises. A **basic to intermediate knowledge of petrous bone anatomy and otologic surgery is required**.

COURSE OBJECTIVES

- To deepen the understanding of petrous bone and lateral skull base anatomy through dissection of fresh-frozen specimens using different surgical approaches.
- To explore and compare advanced visualization techniques: microscope, exoscope, and endoscope.
- To gain familiarity with innovative technologies, including new prosthesis and biocompatible obliteration materials.
- To promote continuous and informal discussion with experienced otoneurosurgeons, both in-person and remotely.

COURSE STRUCTURE

Theoretical session
Seven one-hour live webinars focusing on temporal bone anatomy, advanced up-to-date surgical techniques and new technologies.

Practical session
Two full days of step-by-step dissections guided by video sessions and live dissections at the master station (total of 15 hours).

LABORATORY ORGANIZATION

- 10 stations all equipped with modern operating microscopes and 10 fresh-frozen human head specimens.
- 1 master station, with integration of endoscope and exoscope.
- Progressive dissection from middle ear to inner ear and lateral skull base.
- Cochlear implant electrode simulation and mastoid cavity obliteration using dedicated biocompatible materials.
- Continuous mentoring by experienced surgeons throughout the hands-on sessions.

TARGET AUDIENCE

The course is intended for ENT surgeons, otologic surgeons, neurosurgeons and senior residents with prior experience in temporal bone anatomy who wish to further develop advanced surgical skills in a high-level anatomical laboratory setting.

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GENERAL INFORMATION

Participation is limited to 20 ENTs (two for each station). Registration includes full participation in all educational activities, certificate of attendance, lunches, coffee breaks, and ECM credits.
Registration is confirmed upon receipt of the participation fee (date of bank transfer applies).

Cancellation policy:
- 100% refund if cancelled by August 31, 2026
- 50% refund if cancelled by September 30, 2026
- No refund after September 30, 2026

Fee: € 1,300 + VAT
Reduced fee for Y-IFOS, GOS, GLO, TT group members: €1,150 + VAT
Webinars only fee: 150 €
Custom payment arrangements can be agreed upon with the organizing secretariat.

Registration form available at: www.trattoblu.com (section Courses).
The course provides 26 ECM credits.

FACULTY

Host (Legnano): Giovanni Colombo, Matteo Di Bari, Davide Lepera, Raoul Nucci, Roberto Pareschi, Annalisa Pianese.

International: Daniele Bernardeschi (Paris), Francois Simon (Paris), Arturo Mario Poletti (Dubai).

National: Vittorio Achilli (Lodi), Stefano Africano (Sanremo), Luca Canali (Rozzano), Eolo Castello (Genova), Gianni Danesi (Bergamo), Andrea Franzetti (Milano), Stefano Miceli (Rozzano), Aldo Falco Raucci (Napoli), Diego Zanetti (Milano), Roberto Stefini (Legnano).

ORGANIZING SECRETARIAT:
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PROVIDER EVENTO:
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PRELIMINARY PROGRAM

REMOTE WEBINARS

Wednesday, October 14, 2026

7:00-8:00 PM **WEBINAR 1: APPROCHING THE TEMPORAL BONE**
- **Course introduction** *(G. Colombo, M. Di Bari, R. Nucci)*
- **Anatomy of the petrous bone: all around the facial nerve part I** *(R. Nucci)*

Wednesday, October 21, 2026

7:00-8:00 PM **WEBINAR 2: CHOLESTEATOMA SURGERY**
- **Cholesteatoma surgery in adults** *(D. Bernardeschi)*
- **Cholesteatoma surgery in children** *(F. Simon)*
- **Mastoid obliteration: materials and new indications** *(M. Di Bari)*

Wednesday, October 28, 2026

7:00-8:00 PM **WEBINAR 3: COCHLEAR IMPLANTS**
- **Cochlear implants: indications, surgical technique, critical aspects and comparative experiences** *(A.M. Poletti, A. Franzetti, D. Zanetti)*

Wednesday, November 4, 2026

7:00-8:00 PM **WEBINAR 4: LATERAL SKULL BASE**
- **Anatomy of the petrous bone: all around the facial nerve part II** *(R. Nucci)*
- **Approaches to the lateral skull base** *(R. Pareschi)*

Wednesday, November 11, 2026

7:00-8:00 PM **WEBINAR 5: EXOSCOPIC EAR SURGERY**
- **Advantages of exoscopic ear surgery** *(G. Colombo)*
- **Role of the exoscope in cochlear implant surgery** *(E. Castello)*
- **Application of exoscopy in lateral skull base surgery** *(R. Stefini)*

Wednesday, November 18, 2026

7:00-8:00 PM **WEBINAR 6: VESTIBULAR SCHWANNOMA**
- **Vestibular schwannoma: indications, surgical technique, critical aspects and comparative experiences** *(D. Bernardeschi, G. Danesi, R. Pareschi)*

Wednesday, November 25, 2026

7:00-8:00 PM **WEBINAR 7: MIDDLE CRANIAL FOSSA**
- **Middle cranial fossa anatomy** *(M. Di Bari)*
- **Jugular bulb anatomy and approaches** *(A.M. Poletti)*
- **Practical information about the dissection course** *(G. Colombo, M. Di Bari, R. Nucci)*

HANDS-ON DISSECTION COURSE

Friday, November 27, 2026

8:30 AM-5:00 PM **Human Lab, Palazzo Trecchi**
- **Step-by-step micro-exo-endoscopic anatomical dissection of the middle ear (video guided)**
- **Closed tympanoplasty techniques with epitympanectomy and posterior tympanotomy**
- **Stapedotomy and ossiculoplasty techniques with placement of different prostheses**
- **Cochlear implant insertion**
- **Radical antromastoidectomy technique with and without obliteration testing new biocompatible materials**

8:30 PM **Course dinner**

Saturday, November 28, 2026

8:30 AM-5:00 PM **Human Lab, Palazzo Trecchi**
- **Step-by-step micro-exo-endoscopic anatomical dissection of the inner ear and lateral skull base (video guided)**
- **Approaches to the internal auditory canal via translabyrinthine and retrosigmoid routes**
- **Study of the jugular foramen via transsigmoid route**
- **Middle cranial fossa approach**

5:00 PM **ECM assessment and certificate delivery**

5:30 PM **Closing remarks**