

## AUDIO TECHNOLOGIES ACADEMY OF OTOLOGY

# Second International Course on OTOSURGERY & LATERAL SKULL BASE SURGERY.

Directed by

**Prof. Khassan Diab**  
**Prof. Christophe Vincent**

**Two days advanced dissection course  
with lectures and practice  
on fresh anatomy.**



**Cremona**  
**11-13 July 2025**

Human Lab “Palazzo Trecchi” Cremona

è un evento



### PRESENTATION OF THE COURSE

This course is focused on middle ear, skull base surgery and cochlear implantation.  
Key highlights:

- Lectures on temporal bone anatomy, cochlear implantation, ossicular chain reconstruction, and various surgical approaches (middle ear, middle cranial fossa, internal auditory canal, and more)
- Practice Sessions include mastoidectomy, ossiculoplasty, cochlear implantation simulations, and identification of key cranial nerves and lateral skull base structures

### OBJECTIVES OF THE COURSE

Provide in-depth knowledge of the anatomy and pathologies of the ear and lateral skull base.  
Train participants in diagnostic techniques and surgical treatment options available.  
Update professionals on new technologies and advances in middle ear and lateral skull base surgery.

### GENERAL INFORMATION

The course will take place over three days and divided into four half days. The first half day starting from 02.30 PM of July 11 will be focused on lectures about anatomy, pathology and clinical-surgical cases; the second half day on July 12 morning will be dedicated to practical exercises on cadavers; the third half day on July 12 afternoon will be dedicated to lectures again and the fourth on July 13 morning will be finally dedicated to practice again as detailed in the course program.

Each student will perform the dissection together with expert tutors.

There will be 10 workstations for practical exercises with 10 fresh frozen preparations (20 students, two for each preparation), equipped with all the appropriate technology.

Participation at the course is open to the first 20 registered persons and registration is considered completed upon receipt of the participation fee (the date of the bank transfer will be valid).

The cost of registration for the all four half training days is **€ 2.300 + VAT**.

It is possible to register only for the lectures at a cost of **€ 400 + VAT**.

Registrations give the right to active participation, a certificate of attendance, hotels, coffee breaks, lunches and dinners. Participants will be responsible for their own travel arrangements. The secretariat can assist by providing contacts for taxi drivers to transport participants from the Milan airport to the courses venue and return.

**To register, you must fill out the registration form in its entirety, available in the «Courses» section of the website [www.trattoblu.com](http://www.trattoblu.com) or [www.https://www.audiotechnologies.net/educationacademy/academy-of-otology](https://www.audiotechnologies.net/educationacademy/academy-of-otology).**

### FACULTY

**Khassan Diab**, Department of Ear diseases in the Federal Research Clinical Center of Otorhinolaryngology - Moscow, Russian Federation. MD, PhD.

**Christophe Vincent**, University Hospital of Lille, Otology and Neurotology Department- Lille, France . MD, PhD.

#### SEGRETERIA ORGANIZZATIVA:

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### PRELIMINARY PROGRAM

#### First day | **Friday, July 11, 2025**

14.00 **Welcome coffee. Registration**

14.30 **Welcome and Presentation of the Course**  
(*K. Diab, C. Vincent, P. D'Agri*)

#### 15.00 LECTURES ON ANATOMY, PHYSIOLOGY AND SURGICAL STRATEGIES

- Surgical temporal bone anatomy
- Middle ear approaches to different ear structures
- Ossicular chain reconstruction with use of different types of prostheses
- Cochlear implantation
- Surgical anatomy of the Internal auditory canal
- Transtemporal approaches to the internal auditory canal

18.00 **Questions and answers. Conclusions.**

20.00 **Dinner**

#### Second day | **Saturday, July 12, 2025**

08.30 **Demonstration dissection on cadaver head with interactive communication.**

09.00 **Hands-on practice session.**

**Part 1.** Extended cortical mastoidectomy, CWU. Structures of middle ear. Ossiculoplasty using different types of prostheses: titanium, and hydroxyapatite. Skeletisation of semicircular canals. Skeletization of the facial nerve in the mastoid segment. Facial recess approach. Electrode array insertion. Exposure of the basal, middle, and apical turns of the cochlea.

11.30 **Part 2.** Radical mastoidectomy. Exposure of sigmoid sinus, dura mater of middle and posterior cranial fossa. Opening of the endolymphatic duct and sac. Exposure of semicircular canals, vestibule. Approaches to the internal auditory canal. Identification of facial, cochlear, and vestibular nerves.

14.00 **Lunch**

#### 15.00 LECTURES ON ANATOMY, PHYSIOLOGY AND SURGICAL STRATEGIES

Surgical anatomy of the Jugular foramen. Approaches to the Jugular bulb and foramen

16.45 **Coffee-break**

17.00 **Surgical anatomy of the Middle cranial fossa. Anterior approach to the petrous apex**

18.45 **Questions & Answers. Conclusions.**

19.30 **Surprise social program & Buffet dinner**

#### Third day | **Sunday, July 13, 2025**

08.30 **UHands on practice session**

**Part 3.** Approaches to the jugular foramen: retrofacial, infratemporal. Control of the sigmoid sinus, jugular bulb and internal carotid artery. Skeletization of the facial nerve (neck segment) and its branches. Neck dissection and approaches to the infratemporal fossa. Exposure of inferior cranial nerves (glossopharyngeal, vagus, accessory, and hypoglossal nerves).

**Part 4.** Middle cranial fossa approach to the internal auditory canal and petrous apex.

13.30 **Lunch**

14.30 **Closing ceremony. Handing out certificates.**