

NOVA Medical School – Advanced Education
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 / MEDICAL PRACTICES
TECHNICAL CHALLENGES

NEUROSURGERY

MICROSURGICAL APPROACHES
TO THE SKULL BASE

HANDS-ON CADAVER LAB COURSE



COURSE COORDINATORS >> Rui Manilha, MD
Manuel Cunha e Sá, MD
Paulo Kadri, MD, PhD

COURSE PRESENTATION

This course is organized with the purpose of enhancing the surgical skills in a variety of surgical and approaches to the skull base.

It gives the participants a better understanding of complex skull base procedures that are crucial in the treatment of skull base tumours, some deep seated cerebral tumours and complex aneurisms.

During the course the participants will:

- >> Review and perform complex microsurgical approaches, with endoscopic assistance where appropriate, to the anterior, lateral and posterior skull base on cadaver specimens;
- >> Discuss the surgical techniques and complexity of the various surgical skull base approaches, viewing surgical videos and interacting with the world renowned experts in the field;
- >> Discuss complication avoidance and management.

LEARNING OBJECTIVES >> *KNOWLEDGE AND SKILLS TO DEVELOP*

- >> Understand the scope and applicability of the different microsurgical approaches (with endoscopic assistance where appropriate) to the anterior, lateral and posterior skull base;
- >> Learn to use the endoscope as an assistant to the described approaches;
- >> Understand the surgical techniques and complexity of the various surgical skull base approaches;
- >> Discuss complication avoidance and management.

TARGET AUDIENCE

Neurosurgeons: Residents and Specialists

ADMISSION CRITERIA >>

Medical Doctors with Specialization in Neurosurgery (priority) and Neurosurgery residents

ATTENDANCE REQUIREMENTS >>

For attendance certification as well as awarding CME credits and/or ECTS it is mandatory to complete:

- >> 100% attendance
- >> Evaluation

PROGRAMME

2025 / OCTOBER

OCT 2nd

7:30 am – 5:45 pm

Location: AHED – NOVA Health Campus

Welcome and Course Introduction

Lecture and 3D Video Demonstration

- >> Cranio-Orbital-Zygomatic Approach
- >> Cavernous Sinus Approach

Hands-on Laboratory

- >> Cranio-Orbital-Zygomatic Approach
- >> Cavernous Sinus Approach

Lecture and 3D Video Demonstration

- >> Middle Fossa-Anterior Petrosal Approach

Hands-on Laboratory

- >> Middle Fossa-Anterior Petrosal Approach

OCT 3rd

8:00 am – 5:45 pm

Location: AHED – NOVA Health Campus

Lecture and 3D Video Demonstration

- >> Mastoidectomy
- >> Posterior Petrosal Approach

Hands-on Laboratory

- >> Mastoidectomy
- >> Posterior Petrosal Approach

Lecture and 3D Video Demonstration

- >> Transcondylar Approach with Entry to the Brainstem

Hands-on Laboratory

- >> Transcondylar Approach with Entry to the Brainstem
- >> Continued Dissection

PROGRAMME

2025 / OCTOBER

OCT 4th

8:00 am – 5:00 pm

Location: AHED – NOVA Health Campus

Lecture and 3D Video Demonstration

- >> Surgical Approach to the Jugular Foramen

Hands-on Laboratory

- >> Jugular Foramen
- >> Review of covered content

FACULTY

- >> Jean de Oliveira, MD, PhD
- >> Kaith Al-Mefty, MD
- >> Luis Borba, MD, PhD
- >> Manuel Cunha e Sá, MD
- >> Ossama Al-Mefty, MD, PhD
- >> Paulo Kadri, MD, PhD
- >> Rui Manilha, MD

INSTITUTIONAL PARTNERSHIPS >>



WORLD FEDERATION OF
NEUROSURGICAL SOCIETIES

APPLICATION DEADLINE >>

SEPTEMBER 18th 2025

TOTAL COST >> 2100€

Application Fee: 100€

Tuition Fee: 2000€

VAT exempted

Application fees are non-refundable*

Secure your spot!
Apply **HERE!**

INCLUSIONS AND EXCLUSIONS IN PRICE

The price published for this course includes coffee breaks, lunch meals, teaching fees, space rental, certificate of attendance, and materials used during the course. The price of the course doesn't include hotel accommodation, dinners on course days, nor any other items unless specifically mentioned. Prices of courses published by AHED are exempted of VAT. Other items priced by AHED apart from courses may however include VAT.

APPLICATION, ADMISSION AND REGISTRATION

When applying for a course at AHED - Advanced Health Education, the applicant agrees to subject personal and professional data. This data will be verified and assessed to check that the applicant meets the admission criteria for the specific programme.

Once an application is approved, the participant is admitted and payment of the tuition fee will be required to complete the registration.

COURSE REGISTRATION FEES

The registration stage is considered completed when the total price of the course is received by AHED.

PAYMENT OPTIONS

Payment options for application and registration include credit card (Visa, MasterCard), wire transfer in Euro, and Multibanco.

EARLY BIRD

*Application fees will be discounted from the course price for registrations completed 90 calendar days before the date of the course.

For additional information, please go to in Terms and Conditions at ahed.pt