Med Uni Graz

Department of Neurosurgery

This educational event is organized under scientific responsibility of the Medical University of Graz.

Cooperation partners:

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A Young Neurosurgeons' **3D** Skull Base Workshop

ten steps to success

September 24 — 25, 2026

Medical University of Graz, Austria

3D anatomy / 3D surgical cases / Hands-on cadaver dissection

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Dear Colleagues,

Skull base surgery demands precise three-dimensional anatomical understanding understanding, structured surgical thinking, and meticulous technique. With this course, our aim is to provide young neurosurgeons with a focused, hands-on learning environment that allows intensive interaction with faculty, detailed discussion of surgical strategies, and direct anatomical experience.

By deliberately limiting the number of participants and working in small groups, we seek to ensure optimal supervision, meaningful exchange, and high educational value for every participant. We look forward to welcoming you in Graz for two dedicated days of anatomical and surgical training.

Univ.-Prof. Dr. Stefan Wolfsberger

Target Audience

This hands-on course is intended for physicians in neurosurgical training and young board-certified neurosurgeons who wish to acquire or deepen their knowledge and practical skills in skull base surgery.

Basic knowledge of skull base anatomy is recommended.

Course Rationale

Skull base surgery requires precise anatomical understanding, stepwise surgical planning, and a thorough awareness of potential complications. This course is designed to provide a structured educational pathway from standard skull base approaches to more advanced techniques beyond the basics.

All content is presented in three-dimensional visualization, placing participants in the surgeon's perspective at the microscope and facilitating direct translation into the operating room.

CME accreditation will be applied for.

Unique Educational Concept

» Combination of 3D anatomy, 3D surgical cases, and cadaveric dissection
» Step by step demonstration of each approach
» Integration of anatomical landmarks, clinical decision making, and complication avoidance strategies
» Use of relevant surgical materials, including dural closure options

Learning Objectives

» Identify key skull base anatomical landmarks using 3D visualization
» Select appropriate surgical corridors for common skull base approaches
» Perform step by step surgical exposures in a cadaveric setting
» Anticipate and manage common intraoperative pitfalls and complications

The course language is English

Course Director

Univ.-Prof. Dr. Stefan Wolfsberger

Faculty / Instructors

Fabian Flaschka, MD
Artem Kuptsov, MD University of Alicante, Spain

Course Secretary

Bettina Pint / bettina.pint@medunigraz.at

Practical Setup

» Hands-on dissection in small groups, maximum 2 participants per working station
» Intensive faculty supervision during all practical sessions
» All dissections are conducted in accordance with applicable ethical and legal standards.

Organization & Logistics

Course Venue
Department of Anatomy
Medical University of Graz
Auenbruggerplatz 25, 8036 Graz

Meeting point
Entrance Hall of Department of Anatomy,
Medical University of Graz

For further information, please contact:
fabian.flaschka@medunigraz.at

Registration

» Registration via email to bettina.pint@medunigraz.at
» Limited number of participants (approx. 20)
» Allocation on a first come, first served basis
» Confirmation is returned by email after successful registration

Please note: Registration is only considered complete after written confirmation by the organizing institution.

Course Fee

€ 500
including:
» Access to all hands-on laboratory sessions
» Use of anatomical specimens and technical equipment
» Course materials

Accommodation and travel expenses are not included.

Cancellation Policy

» Detailed payment and cancellation conditions will be provided with registration confirmation.
» After confirmation of participation, the course fee is payable until 30 days before course start.
» Participation is only guaranteed after receipt of payment by the organizing institution.
» Cancellations must be submitted in writing.
» Cancellations received up to 30 days before the course start will be refunded in full.
» For cancellations received 29 to 14 days before the course, 50% of the course fee will be charged.
» For cancellations received less than 14 days before the course, no refund can be granted.
» If a registered participant is unable to attend, a substitute participant may be nominated, subject to approval by the organizing institution.
» The organizer reserves the right to cancel or reschedule the course in exceptional circumstances. In this case, paid course fees will be refunded in full. Further claims cannot be made.

DAY 1 : ANTERIOR SKULL BASE APPROACHES

08:30 – 09:00	Registration & Welcome Coffee
09:00 – 09:20	**Introduction and course objectives** *Presentation – course concept, safety briefing, lab rules*
09:20 – 10:00	**Approach 1** **Anterior interhemispheric and extension to the third ventricle** *3D anatomy and step by step surgical strategy*
10:00 – 10:30	Case-based discussion **Indications, corridor selection, pitfalls**
10:30 – 13:00	Hands-on cadaver dissection **Interhemispheric approach and extension to the third ventricle**
13:00 – 13:50	Lunch break
13:50 – 14:30	**Approach 2** **Pterional and spheno orbital extension** *3D anatomy & step by step surgical strategy*
14:30 – 15:00	Case-based discussion **Indications, corridor selection, pitfalls**
15:00 – 17:30	Hands-on cadaver dissection **Pterional approach and spheno orbital extensions**
17:30 – 18:00	Wrap-up & discussion of Day 1

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DAY 2 : POSTERIOR SKULL BASE APPROACHES

08:30 – 09:00	Review of Day 1 & introduction to Day 2
09:00 – 09:40	**Approach 3** **Suboccipital, telovelar and far lateral extensions** *3D anatomy and step by step surgical strategy*
09:40 – 10:10	Case-based discussion **Indications, corridor selection, pitfalls**
10:10 – 12:40	Hands-on cadaver dissection **Suboccipital approach with telovelar and far lateral extension**
12:40 – 13:30	Lunch break
13:30 – 14:10	**Approach 4** **Retrosigmoid with presigmoid transtentorial extension** *3D anatomy and step by step surgical strategy*
14:10 – 14:40	Case-based discussion **Indications, corridor selection, pitfalls**
14:40 – 17:10	Hands-on cadaver dissection **Retrosigmoid approach and presigmoid transtentorial extension**
17:10 – 17:30	Final discussion, key take home messages & feedback

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