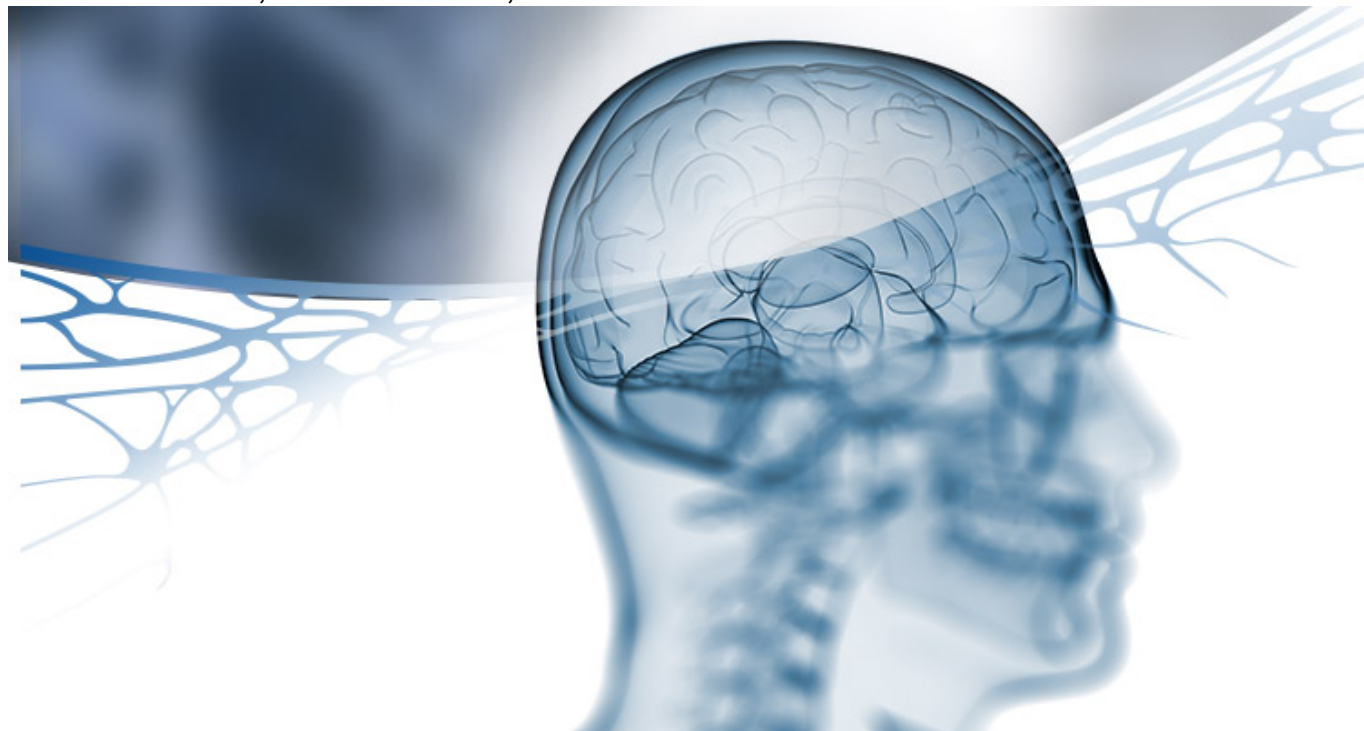


Course program

AONEURO Course—Skull Base

Including an International Interdisciplinary Symposium on Skull
Base Trauma

October 28–30, 2015 Vienna, Austria



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Welcome

Welcome

On behalf of the AO Foundation and your AONeuro regional and international faculty, I would like to welcome you to this Neurotrauma educational event.

AONeuro is a unique worldwide multi-specialty community that includes cranial Neurosurgeons, Neurologists, Neuro intensivists, Neuro anesthesiologists, Neuro traumatologists, and Neurological professionals involved in cranial neurological trauma, cranial oncologic and cerebrovascular surgery, cranial reconstruction, and cranial congenital anomalies surgery.

Education has always been a major focus of the AO Foundation. Each year, more than 46,000 surgeons participate in 750 AO education events worldwide. AONeuro is committed to communicating the latest advances, literature, treatment information and protocols in education, equipment, and new developments as we strive to improve your educational experience by providing you education at the forefront of your specialty. Your cranial neurological colleagues are working diligently to bring you the latest in cranial neurological education, and have initiated specific programs in the area of traumatic brain injury and skull base surgery and reconstruction. Cranial AO Neurosurgeons also collaborate with their AOSpine colleagues to bring you the latest developments in combined brain and spinal cord trauma. Cranial neurological surgeons also cooperate with craniomaxillofacial colleagues in the areas of facial and cranial trauma, congenital craniofacial anomalies, skull base trauma, skull base surgery and reconstruction.

We hope that your experience with us over the next few days will result in the acquisition of new knowledge, skills, and understanding that can directly be translated into improved care and outcomes for your patient.

So, once again, I welcome you to this AONeuro event, and I wish you all a most successful few days ahead.

Yours sincerely,



Paul N Manson

AO Board of Directors appointed Coordinator for AONeuro

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Goal of the course

This course addresses the complex anatomical structures of the skull base, relevant approaches, and current concepts in the surgical management of skull base lesions, including trauma. It will enhance surgical skills in endoscopic and open approaches, with a focus on interdisciplinary management.

Course objectives

Upon completion of this course, participants should be able to:

- Describe the complex anatomy of the skull base and its relation to the surrounding areas
- Perform the most up-to-date endoscopic and microsurgical approaches
- Recognize the most relevant pathologies (tumor, vascular, trauma, etc)
- Apply the most up-to-date treatment practices for these pathologies
- Review the technical solutions that are available to perform skull base procedures

Target participants

- Neurosurgeons
- Maxillofacial surgeons
- CMF surgeons
- ENT surgeons
- Surgeons practicing in related disciplines (eg trauma surgeons, plastic surgeons, etc.)

Course description

The course is based on the competencies defined in AONeuro's new curriculum for skull base and features an international faculty of expert. It is delivered through a combination of lectures, case discussion, and hands-on dissection. Didactic sessions will focused on 3-D anatomy as well as on concepts, strategies, and modern techniques to deal with tumors, vascular injuries, trauma, etc. Dissections will cover the most common microsurgical as well as endoscopic approaches in a systematically guided manner in a high-level lab with anatomical specimens. Special focus will be given to numerous case discussion sessions where participants are encouraged to bring their own cases as well as the cases presented by the faculty.

Included in the event is a half-day Symposium on Skull Base Trauma focused on the epidemiology, enhanced diagnostics, new classification, modern ways of treatment, and guidelines and future trends. All sessions will be followed by interactive case discussions moderated by the faculty.

Course chairs



Christian Matula
Neurosurgical Department
Medical University of Vienna, Austria



Engelbert Knosp
Neurosurgical Department
Medical University of Vienna, Austria

International Faculty

Manson	Paul	Baltimore, USA
Lewis	Stephen	Perth, Australia
Diaz Day	John	Little Rock, Arkansas, USA

Regional Faculty (special symposium)

Maas	Andrew	Antwerp, Belgium
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National Faculty

Gstöttner	Wolfgang	Vienna, Austria
Arnolder	Christoph	Vienna, Austria
Baumann	Arnulf	Vienna, Austria
Wang	Weimin	Vienna, Austria
Ringl	Helmut	Vienna Austria
tbd		

Course organization

AO Foundation
AONEuro
Linda Domeisen
Clavadelerstrasse 8
7270 Davos, Switzerland
Phone +41 81 414 25 59
Fax +41 81 414 22 80
Email info@aoneuro.org
www.aoneuro.org

Wednesday, October 28, 2015

TIME	AGENDA ITEM	WHO
07:00–07:30	Registration	
07:30–07:40	Welcoming comments/objectives	C Matula, E Knosp, W Gstöttner
07:40–08:00	AO Structure, Function and the AO Neuro Initiative	P Manson
Module 1	Anterior Cranial Fossa Approaches	Moderator: J Day
08:00–08:30	3D Anatomy Anterior Cranial Fossa Building a Skull Base	S Lewis
08:30–09:00	Related Clinics—Anterior Skull Base, Sella & Orbit	C Matula
09:00–11:30	DISSECTION 1:	
	Lab Check-In	W Wang
	Surgical guide to dissection 1: Introduction to the High Speed Drill system Anterior & Antero-lateral Approaches, Transbasal	All faculty
11:30–12:30	Interactive Case Discussion— Anterior Skull Base, Sella & Orbit	All faculty
12:30–13:00	LUNCH BREAK	
13:00–13:30	3D Endoscopic Anatomy of the Skull Base	S Lewis
13:30–14:00	Related Clinics – Endoscopic Skull Base Surgery	E Knosp
14:00–16:30	DISSECTION 2:	
	Surgical guide to dissection 2 Endoscopic Approaches Introduction to the Endoscopic Skull Base Equipment Endoscopic anterior skull base approach display station	All faculty
16:30–17:45	Interactive Case Discussion—Endoscopic Skull Base Surgery	All faculty
17:45–18:00	Wrap up Course Day 1	C Matula and all faculty
19:00–22:00	Welcome reception and dinner	

Thursday, October 29, 2015

TIME	AGENDA ITEM	WHO
08:00–08:30	Special Lecture Skull Base Surgery What are we doing - Where are we going?	S Lewis
Module 2	Middle Cranial Fossa (Petrosal approaches)	Moderator: C Matula
08:30–09:00	3D Anatomy Middle Cranial Fossa & Cavernous Sinus	S Lewis
09:00–09:30	Related Clinics - Middle Cranial Fossa & Cavernous Sinus	J Day
09:30–12:00	DISSECTION 3:	
	Surgical guide to dissection 3. Subtemporal, Cavernous Sinus, & Anterior Petrosectomy	All faculty
12:00–13:00	Interactive Case Discussion—Middle Fossa & Cavernous Sinus	All faculty
13:00–14:00	LUNCH BREAK	
Module 3	Lateral Posterior Fossa	
14:00–14:30	3D Anatomy Posterior Fossa & Petrous Bone	S Lewis
14:30–15:00	Related Clinics - Lateral Posterior Fossa & Petrous Bone	C Matula, C Arnolder
15:00–17:30	DISSECTION 4:	
	Surgical guide to dissection 4 Retrosigmoid, Presigmoid, and Petrosectomy approaches	C Arnolder and all faculty
17:30–18:30	Interactive Case Discussion— Posterior Fossa & Petrous Bone	All faculty
17:45–18:00	Wrap up Course Day 2	C Matula and all faculty
20:00–23:00	Conference Dinner and Certificate Presentation	

Friday, October 30, 2015

TIME	AGENDA ITEM	WHO
08:00–08:30	Special Lecture Surgery in and around the Cavernous Sinus	J Day
Module 4	Lateral Approach to Foramen Magnum	Moderator: E Knosp
08:30–09:00	3D Anatomy– The Far lateral Approach & Craniocervical Junction	S Lewis
09:00–09:30	Related Clinics–Far Lateral and Extensions	J Day
09:30–12:00	DISSECTION 5:	
	Surgical guide to dissection 5 Far Lateral – Transcondylar, Supracondylar, and Retrocondylar approaches	All faculty
12:00–13:00	Interactive Case Discussion What is left!	All faculty
13:00–14:00	LUNCH BREAK	
Module 5	International Interdisciplinary Symposium on Skull Base Trauma	
14:00	Welcome & Introduction	C Matula, P Manson
14:10–14:30	Advanced Radiological Diagnostic in Skull Base Trauma	H Ringl
14:30–14:50	Epidemiology & Pathomechanism of Skull Base Trauma	S Lewis
14:50–15:10	Trauma to the Frontal Sinus and Surrounding Areas	P Manson
15:10–15:30	COFFEE BREAK	
15:30–15:50	Skull Base Fractures & posttraumatic cranial nerve decompression	C Matula. C Arnold
15:50–16:10	Surgical Management of CSF Fistulas	E Knosp
16:10–16:30	Penetrating Skull Base Trauma	J Day

16:30–17:00	Special Lecture Recent Trails and Future Goals in Neurotrauma	A Maas
17:00–17:45	Interactive Case Discussion – Skull Base Trauma	All faculty
17:45–18:00	Wrap Up Course Day 3 & Closing Statements	C Matula and all faculty
19:00	Visit a typical Viennese Wine Yard – “Heurigen”	

Course logistics

Industrial Partner

Sylvia Reischl
AO Kurssekretariat
Johnson & Johnson Medical Products GmbH
DePuy Synthes
Vorgartenstrasse 206B, A-1020 Wien
Phone +43 6649253869
Email reischlsylvia@ao-courses.com

Course information

Course fee

EUR 1'200

Included in course fee are conference bag with documentation, coffee breaks, lunch, course dinner, course certificate.

Accreditation

An application has been made to the UEMS-EACCME® for CME accreditation of this event.

Evaluation guidelines

All AONeuro courses apply the same evaluation process, either ARS (audience response system) or paper and pencil questionnaires. This will help AONeuro to ensure that we continue to meet your educational needs. In some regions, CME accreditation is dependent on the participant's evaluation results.

Intellectual property

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Security

Security check at the entrance of the building. Wearing of a name tag is compulsory during lectures, workshops, and group discussions.

No insurance

The course organization does not take out insurance to cover any individual against accidents, thefts or other risks.

Mobile phone use

Mobile phone use is not allowed in the lecture halls and in other rooms during educational activities. Please be considerate of others by turning off your mobile phone.

Dress code

Casual

Course venue

Medical University of Vienna
General Hospital of Vienna, AKH

Lectures & Lab
General Hospital Vienna, Neurosurgical Dissection Lab, E 08
A-1090 Vienna, Währinger Straße 13
Mezzanine

Upcoming courses

This list is subject to change.

AO Foundation

[AONEuro](#) Clavadelstrasse 8, 7270 Davos, Switzerland

Phone +41 81 414 25 50, Fax +41 81 414 22 80, info@aoneuro.org

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