



AO Foundation
Education

2nd International Interdisciplinary AO Course on Skull Base Surgery Approaches to the Lateral Skull Base

Program

September 23th–25th 2009, Vienna, Austria

2009



Foreword

Dear Colleagues,

We are pleased to invite you to the 2nd International Interdisciplinary AO Course on Skull Base Surgery in Vienna.

The lateral skull base is an extremely complex region requiring a deep knowledge of anatomy. The hallmark of contemporary skull base surgery is a team approach, whereby experts of various specialities interact in order to deliver the highest level of care to patients. Progress in radiographic imaging, advances in modern anesthesia and improvements in technical equipment combined with the advent of microvascular free tissue transfer have all been important features in the evolution of skull base surgery.

In this course we will bring together outstanding international faculty who will be supported by a selected group of local colleagues to share their experience, principles and philosophy. This state of the art three day course on lateral skull base will combine the theory lectures and the practical part in a hands-on laboratory setting. Scientific lectures are organized in sessions to provide you with contemporary knowledge in the interdisciplinary management of lateral skull base lesions. In the hands-on-cadaver workshop you will learn how to perform lateral skull base surgery techniques. Participants are also encouraged to bring and present their own cases for discussion.

We hope to meet your expectations and that everyone of you will return home enriched with up-to-date knowledge and enhanced skills.

You will also have the opportunity to enjoy Vienna's historical sites and a variety of cultural activities.

We wish you a successful and fruitful meeting as well as a pleasant stay.

See you in Vienna!



Astrid Reichwein, Christian Matula, Engelbert Knosp
Rolf Ewers, Wolfgang Gstöttner, Christos Perisanidis
(from left to right)

Course Objectives

By completing this course the participants will

- gain an excellent understanding of the complex anatomical structure of the lateral skull base
- update their knowledge on current concepts in management of lateral skull base lesions
- enhance their surgical skills in a variety of lateral skull base approaches

Target Audience

- maxillofacial surgeons
- otolaryngologists
- neurosurgeons
- surgeons of related disciplines

Accreditation

The 2nd International Interdisciplinary AO Course on Skull Base Surgery "Approaches to the Lateral Skull Base" will get accreditation from the European Accreditation Council for Continuing Medical Education (EACCME) to provide CME activity for medical specialists.

The EACCME is an institution of the European Union of Medical Specialists (UEMS)

www.uems.net

Mission Statement of AO Education

Our mission is to continuously set standards in postgraduate medical education and to foster the sharing of medically guided expertise in a worldwide network of health-care professionals to improve patient care in trauma or disorders of the musculoskeletal system.

AO Course Objectives in general:

- to broaden the knowledge and comprehension of operative fracture treatment according to the level of education or speciality
- to assist in decision making as to the optimal treatment modality according to the AO Principles
- to learn about the latest developments in research and clinical investigation
- to become acquainted with new techniques and technologies as well as alternative approaches in fracture treatment
- to improve the manual skills by practicing on different bone models
- to understand the evolution of AO Philosophy and Education - what is new and what is still valid as well as the rationale behind any changes

Chairmen & Organization

Chairmen

Ewers Rolf, MD, DMD, PhD

Professor and Chairman of Cranio-Maxillofacial and Oral Surgery

Medical University of Vienna (MUW), Department for Cranio-Maxillofacial and Oral Surgery

A-1090 Vienna, Währinger Gürtel 18-20

rolf.ewers@meduniwien.ac.at

Gstöttner Wolfgang, MD, PhD

Professor and Chairman of Otorhinolaryngology, Head & Neck Surgery

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Knosp Engelbert, MD, PhD

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Organization

Matula Christian, MD, PhD

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Perisanidis Christos, MD, DMD

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Reichwein Astrid, MD, DMD

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Faculty

International and National Faculty

Bernardo Antonio, MD

Professor of Neurosurgery

Weill Medical College of Cornell University, Department for Neurological Surgery

Microneurosurgery Skull Base Laboratory

425 East 61st Street, NY 10021, New York, USA

Day John Diaz, MD

Professor of Neurosurgery, Director of Skull Base Division

University of Texas, UT Health Science Center at San Antonio

Department for Neurosurgery

7703 Floyd Curl Drive (MC 7843), TX 78229-3900, San Antonio, USA

Illievich Udo, MD, PhD

Professor and Chairman of Anesthesiology

Neurological Hospital Wagner Jauregg Linz, Department for Neuroanesthesiology

A-4020 Linz, Wagner-Jauregg-Weg 15

Matula Christian, MD, PhD

Professor of Neurosurgery

Medical University of Vienna (MUW), Department for Neurosurgery

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Papadogeorgakis Nikolaos, MD, DMD, PhD

Associate Professor of Oral and Maxillofacial Surgery

University of Athens, Evangelismos General Hospital

Department for Oral and Maxillofacial Surgery

Ipsilandou St. 45-47, Athens, Greece

Faculty

Local Faculty

Baumann Arnulf, MD, DMD, PhD

Professor of Cranio-Maxillofacial and Oral Surgery

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Perisanidis Christos, MD, DMD

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Schicho Kurt, PhD

Professor of Biomedical Engineering

Medical University of Vienna (MUW), Department for Cranio-Maxillofacial and Oral Surgery
A-1090 Vienna, Währinger Gürtel 18-20

Undt Gerhard, MD, DMD, PhD

Professor of Cranio-Maxillofacial and Oral Surgery

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Kitz Klaus, MD,

Professor of Neurosurgery

Medical University of Vienna (MUW), Department for Neurosurgery
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Novak Klaus, MD

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Wolfsberger Stefan, MD

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Faculty

Local Faculty

Franz Peter, MD

Professor of Otorhinolaryngology, Head & Neck Surgery

Medical University of Vienna (MUW), Dep. for Otorhinolaryngology, Head and Neck Surgery

A-1090 Vienna, Währinger Gürtel 18-20

Czerny Christian, MD, PhD

Professor of Radiology

Medical University of Vienna (MUW), Department for Radiology

A-1090 Vienna, Währinger Gürtel 18-20

Pretterkieber Michael Leopold, MD, PhD

Professor of Anatomy

Medical University of Vienna (MUW), Department for Anatomy

A-1090 Vienna, Währinger Strasse 13

Wednesday, September 23rd, 2009

DAY 1

PART A – LECTURES

General Hospital Vienna, Old Campus
Court 2, Lecture Theatre C2
1090 Vienna, Spitalgasse 2

08:00	Registration	
09:00	Welcome	Ewers, Gstöttner, Knosp
09:10	History and Structure of the AO	Ewers
09:30	Interdisciplinary Management	
	Radiological Approach and Imaging	Czerny
	Pathologies of the Lateral Skull Base	
	Anesthesiological and Intensive Care Consideration	Illievic
10:30	Round Table Discussion	Faculty
10:50	Coffee Break	
11:20	Trauma to the Lateral Skull Base	
	Neurosurgical Aspect	Matula
	Craniomaxillofacial Aspect	Baumann
	ENT Aspect	Franz
12:50	Round Table Discussion	Faculty
13:20	Lunch	
14:20	Tumor of the Lateral Skull Base	
	Craniomaxillofacial Aspect	Ewers
	ENT Aspect	Gstöttner
	Neurosurgical Aspect	Knosp
15:50	Round Table Discussion	Faculty
16:20	Coffee Break	
16:50	Dural Repair in Complex Neurosurgery	
	3D Presentation & Practical Hands-On	Bernardo, Day, Matula
18:30	End of the 1 st day	

Thursday, September 24th, 2009

DAY 2

PART A – LECTURES

General Hospital Vienna, Old Campus
Court 2, Lecture Theatre C2
1090 Vienna, Spitalgasse 2

09:00	Intraoperative Navigation in Lateral Skull Base Surgery Craniomaxillofacial Aspect Neurosurgical Aspect	Schicho Wolfsberger
10:30	Round Table Discussion	Faculty
10:50	Coffee Break	
11:20	Short Presentations TMJ and Lateral Skull Base Parapharyngeal Space Intraoperative Monitoring Radiosurgical Aspects	Undt Perisanidis Novak Kitz
12:40	Round Table Discussion	Faculty
13:00	Lunch	
14:00	Approaches to the Lateral Skull Base Craniomaxillofacial Aspect Neurosurgical Aspect ENT Aspect	Papadogeorgakis Day Gstöttner
15:30	Coffee Break	
16:00	Round Table Discussion	Day, Ewers, Gstöttner, Matula, Papadogeorgakis
17:00	End of the 2 nd day	
19:00	Course dinner at a typical Viennese wine tavern	

Friday, September 25th, 2009

DAY 3

PART B – HANDS-ON CADAVER

Medical University of Vienna
Institute of Anatomy
1090 Vienna, Währinger Strasse 13

2 Participants per Cadaver

Each Cadaver Session will include a step by step introduction followed by an on-site demonstration

09:00	Introduction of the Anatomical Training Lab	Pretterklieber
09:30	Hands-On Cadaver Temporal/Subtemporal/Zygomaticotemporal Approaches	Matula
11:00	Coffee Break	
11:30	Hands-On Cadaver Infratemporal/Transpetrosal Approaches	Gstöttner
13:00	Lunch	
14:00	Hands-On Cadaver Approach to the TMJ	Undt
15:30	Coffee Break	
16:00	Hands-On Cadaver Surgical Anatomy and Dissection of the Facial Nerve	Papadogeorgakis
17:30	Closing Statements Issuance of Certificates	Ewers, Gstöttner, Knosp

End of the course

Registration & Information

Scientific Organization

Ewers Rolf, MD, DMD, PhD
Gstöttner Wolfgang, MD, PhD
Matula Christian, MD, PhD

Congress Registration & Information

AO Course Secretariat, A-5017 Salzburg, Postbox 26
Phone: +43/662/82 85 25, Fax: +43/662/82 85 25-28
E-mail: ao-sekretariat@sbg.at

Registration

To register please use the registration form. Deadline for registration: July 31st, 2009
The number of participants is limited to 36 participants.

Course Fee

Payment before August 15 th , 2009	PART A	€ 350,-	PART A + B	€ 750,-
Payment after August 15 th , 2009	PART A	€ 390,-	PART A + B	€ 800,-

Covers admission, coffee breaks, lunches and course dinner on Thursday, September 24th, 2009.

Course Account

Bank Austria/Creditanstalt Salzburg	Name of Account: „AO Kurssekretariat“
Sort Code: 12000	Account No.: 00951616200
IBAN: AT11 1100 0009 5161 6200	Swift: BKAUATWW
Address of Bank: Bank Austria/Creditanstalt, Rainerstrasse 2, A-5020 Salzburg, Austria	

Bank charges must be paid by the participant.
Please state your name on every remittance slip.
After receipt of payment you will receive a confirmation of your registration.

Payment of registration by credit card will not be accepted!

Course Language

English

Information

Course Venue PART A

General Hospital Vienna
Old Campus, Court 2
Lecture Theatre C2
(AKH Wien, Alter Campus
Hof 2, Hörsaal C2)
1090 Vienna, Spitalgasse 2

Next Underground Station

to PART A: Alserstrasse U6

Trams

to PART A: 5, 31, 43, 44



Course Venue PART B

Medical University of Vienna
Institute of Anatomy
(Medizinische Universität Wien
Anatomisches Institut)
1090 Vienna, Währinger Strasse 13

Next Underground Station

to PART B: Schottentor U2

Trams

to PART B: 37, 38, 40, 41, 42



Parking

Public parking garage "Votivkirche"

Information

Course Dinner

on Thursday, September 24th, 2009.
Bus will be organised for transfer.

Heuriger Ing. Werner Welsch
1190 Wien, Probusgasse 12
www.werner-welsch.at

Hotel Information

Allotments have been reserved for the "AKH - AO-Skull Base Course" at the hotel stated below. For reservation please contact the hotel directly.

Hotel & Palais Strudlhof****
A-1090 Wien, Pasteurgasse 1
Phone: +43 1 319 2522-112 Fax: +43 1 319 2522-800
e-mail: cornelia.koeller@strudlhof.at
i-net: www.strudlhof.at

Rate: Single room Euro 145,-
Double room Euro 155,-
Breakfast buffet included

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