2nd AO Craniomaxillofacial Course
Midface Trauma and Approaches to the Facial Skeleton

August 29–31, 2007
Vienna
Austria

2007
Dear Colleagues,
Welcome to the second Viennese AO CMF Course!

We are pleased to announce the second craniomaxillofacial AO course in Austria on "Midface Trauma and Approaches to the Facial Skeleton".

National and international speakers will present instructional lectures, participate in case discussions and guide the participants through anatomical dissections.

This year the course is divided in two parts:
A: Principles of midface trauma management including practical exercises on plastic skulls.
B: Surgical approaches to the facial skeleton including practical exercises with human cadavers.

The aim of this course is to teach, to practice and to discuss the principles of stable internal fixation in the midface and current surgical approaches to the craniofacial skeleton. Interactive case discussion sessions will allow to discuss cases with the faculty. Participants are encouraged to bring along cases for discussion on CD or memory stick.

See you in Vienna!

Rolf Ewers, MD, DMD, PhD

Astrid Reichwein, MD, DMD
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 healthcare 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
**Program**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Speaker(s)</th>
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<tbody>
<tr>
<td>08:30</td>
<td>Registration</td>
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<tr>
<td>09:00</td>
<td>Reception PART A</td>
<td>Ewers</td>
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<tr>
<td>09:10</td>
<td>History and structure of the AO</td>
<td>Ehrenfeld</td>
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<td>09:30</td>
<td>General overview of trauma treatment in CMF</td>
<td>Ewers</td>
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<td>09:50</td>
<td>Biomechanics of the facial skull</td>
<td>Ewers</td>
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<tr>
<td>10:10</td>
<td>Imaging in craniofacial fractures</td>
<td>Czerny</td>
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<tr>
<td>10:30</td>
<td>Ophthalmological aspects in midface trauma</td>
<td>Dorner</td>
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<td>11:00</td>
<td>Coffee Break</td>
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<tr>
<td>11:20</td>
<td>Implants and instruments for internal midface fixation</td>
<td>Ellis</td>
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<td>11:40</td>
<td>Treatment of ZMC fractures</td>
<td>Ehrenfeld</td>
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<td>12:10</td>
<td>Treatment of central midface fractures (Le fort type)</td>
<td>Schopper</td>
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<td>12:30</td>
<td>Nasal fractures</td>
<td>Watzinger</td>
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<td>12:40</td>
<td>Internal orbit fractures</td>
<td>Baumann</td>
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<td>13:00</td>
<td>Discussion</td>
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<td>13:15</td>
<td>Lunch</td>
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<td>14:00</td>
<td><strong>Practical exercises 1</strong></td>
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<tr>
<td></td>
<td>- Fixation of a Zygomatico-maxillary Fracture using a 1.3 Adaption Plate and a 1.5 L-Plate</td>
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<td>- Fixation of an Orbital Floor Fracture with an Orbital Floor Mesh Plate</td>
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<td>15:00</td>
<td>NOE fractures</td>
<td>Watzinger</td>
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<tr>
<td>15:30</td>
<td>Panfacial fractures</td>
<td>Ehrenfeld</td>
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<td>16:00</td>
<td>Coffee Break</td>
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<td>16:30</td>
<td><strong>Practical exercises 2</strong></td>
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<tr>
<td></td>
<td>- Fixation of a Complex Midface Fracture with 1.3 and 1.5 Adaption Plates</td>
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<td>18:00</td>
<td>End of the first day</td>
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<td>Time</td>
<td>Session</td>
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<tr>
<td>08:30</td>
<td>Frontal sinus and anterior skull base fractures, craniomaxillofacial</td>
<td>Baumann</td>
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<td>considerations</td>
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<td>09:00</td>
<td>Neurosurgical considerations of skull base fractures, management of</td>
<td>Matula</td>
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<td>dural tears</td>
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<td>09:30</td>
<td>Management of secondary midface deformities</td>
<td>Ellis</td>
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<td>10:00</td>
<td>Case presentations – Time for questions</td>
<td>Ewers/Ehrenfeld</td>
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<td>(participants should bring x-rays and pictures)</td>
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<td>11:00</td>
<td>Coffee Break</td>
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<td></td>
<td><strong>PART B – SURGICAL APPROACHES IN CMF</strong> (Human Cadaver Course, 2</td>
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<td>Participants per Skull)</td>
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<td>11:30</td>
<td>Reception PART B</td>
<td>Ewers</td>
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<tr>
<td>11:35</td>
<td>Introduction of the Institute of Anatomy Vienna</td>
<td>Gruber</td>
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<td>11:50</td>
<td>Anatomical REPETITIO</td>
<td>Watzinger</td>
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<td>12:30</td>
<td>Lunch</td>
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<td>13:30</td>
<td><strong>Approaches to the Midface</strong></td>
<td>Moderator: Fock</td>
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<td></td>
<td>- Orbital region: transconjunctival, subciliar, mediopalpepral,</td>
<td>Baumann</td>
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<td>retrocaruncular</td>
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<td>- Marginectomies and dissection of the inner orbit</td>
<td>Ellis</td>
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<td>- Eyebrow and blepharoplasty incisions</td>
<td>Watzinger</td>
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<td>- Intraoral incision and midfacial degloving</td>
<td>Reichwein</td>
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<td>14:30</td>
<td><strong>Anatomical dissections</strong></td>
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<td>15:30</td>
<td>Coffee Break</td>
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<tr>
<td>16:15</td>
<td><strong>Anatomical dissections</strong></td>
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<td>17:30</td>
<td>End of the second day</td>
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<td>19:00</td>
<td>Course Dinner</td>
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Approaches to the Upper Face
- Coronal approach                             Ehrenfeld
- Marginectomy and exposure of the frontal sinus Ehrenfeld

Anatomical dissections

Break
- Harvesting of a temporal bone graft           Ehrenfeld
- Temporal flap                                 Watzinger
- Anterior skull base approach                  Matula

Anatomical dissections

Approaches to the Lower Face
- Condylar head                                 Gassner
- Condylar neck                                 Ellis

Anatomical dissections
- Submandibular and submental incision          Schopper

Anatomical dissections

Closing discussion, end of the course            Ewers
Faculty

Chairman
Rolf EWERS, MD, DMD, PhD
Medical University of Vienna (MUW), Hospital for Cranio-Maxillofacial and Oral Surgery,
A-1090 Wien, Währinger Gürtel 18-20

International Chairmen
Michael EHRENFELD, MD, DMD, PhD
University Munich, Department of Oral and Maxillofacial Surgery
D-80337 München, Lindwurmsstrasse 2a

Edward ELLIS III, DMD, PhD
University of Texas, Southwestern Medical Center, Division of Oral & Maxillofacial Surgery
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Organization
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A-1090 Wien, Währinger Gürtel 18-20
Faculty

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A-3411 Klosterneuburg, Feldergasse 3

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Medical University of Innsbruck, Cranio-Maxillofacial and Oral Surgery
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Christian SCHOPPER, MD, DMD
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Franz WATZINGER, MD, DMD, PhD
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A-1090 Wien, Währinger Gürtel 18-20
Scientific Organization
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Astrid Reichwein, MD, DMD
Medical University of Vienna (MUW), Hospital for Cranio-Maxillofacial and Oral Surgery
A-1090 Vienna, Währinger Gürtel 18-20, Austria

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 registration form.
Deadline for registration: July 31st, 2007
Number of participants: the course is limited to 36 participants

Course Language
English

Course Fee
Euro 590,—
Covers admission, coffee breaks, lunch and the course dinner, August 30th, 2007.

Payments Agreement
After receipt of payment you will receive a written confirmation of your registration.

Course Account
Bank Austria/Creditanstalt Salzburg No. 0095-1616200, Sort code 12000
BIC-Adresse: BKAUATWW, IBAN: AT11 1100 0009 5161 6200

Name of Account: "AO Kurssekretariat"
Address of Bank: Bank Austria/Creditanstalt, Rainerstrasse 2, 5020 Salzburg, Austria
Bank charges must be paid by the participant.
Please pay in Euro before August 3rd, 2007 and state your name on every remittance slip.
Payment of registration by credit card is not accepted!
Registration / Information

**Course Venue**
Medical University of Vienna, Institute of Anatomy, Währinger Str. 13, 1090 Wien

**Parking**
Public parking garage "Votivkirche"

**Next Underground Station**
Schottentor U2

**Trams**
37, 38, 41, 42, 43

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**Hotel information**
During the 2nd AO course also the European congress of cardiology takes part in Vienna. Therefore vacancies are reserved in the four star hotel Mercure Josefshof, a high standard hotel in the citycentre. Allotments have been reserved for the “AO-Course”.

Hotel Mercure Josefshof****, A-1080 Vienna, Josefsgasse 4-6
Phone: +43/1/404 19-0 www.josefshof.com

For reservation please contact the hotel directly. Please fill out the attached reservation form and return it to Fax +43/1/404 19-150 or mail it to: mercure@josefshof.com

Hotel booking code: 59.293 AO-Congress

Deadline: Friday, July 13th. 2007, otherwise availability of rooms cannot be guaranteed.
Logistics and support provided by an educational grant from Synthes