

AOCMF Course—Advances in Orbital and Periorbital Reconstruction (with Anatomical Specimens)

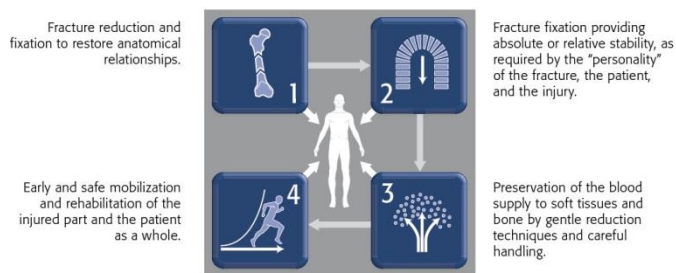
May 20 – May 22, 2015 Vienna, Austria

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Mission

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.

The AO Principles of fracture management



Welcome

On behalf of AOCMF and your local and international faculty, I would like to welcome you to this AOCMF course.

AOCMF is a worldwide multi-specialty community that serves as the voice and professional resource for craniomaxillofacial trauma and reconstruction.

Our organization creates a forum for specialists who have common interests and enthusiasm in this field. It is our goal to encourage and inspire younger surgeons, such as residents, fellows, and early practitioners to pursue fulfilling careers in our field.

Education has always been a major pillar in AOCMF. Currently, more than 2,500 surgeons participate in over 80 AOCMF courses held worldwide per year. AOCMF Education is committed to remaining in the forefront of education and new developments as we strive to improve your educational experience with us.

We hope that your experience with us over the next few days will result in the acquisition of new knowledge, skills and understanding, which will translate into an improvement in the care that you are able to give your patients.

We also hope that, after attending this course, you will wish to develop a longer term relationship with AOCMF and become a member of our community. Make this organization yours by bringing in your opinions and ideas. Enjoy the camaraderie of our network and help us maintain and expand the preeminent position that AOCMF enjoys worldwide.

Yours sincerely,



A handwritten signature in black ink, appearing to read 'Warren Schubert'.

Warren Schubert
Chairman AOCMF International

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Welcome by the Chairmen

The orbit is probably the most challenging part for interdisciplinary work on different pathologies and deformities in the craniofacial skeleton. It is a key area for individual appearance and function of the visual sense, and it is a highly complex area of the facial skeleton. The advanced course on orbital and periorbital surgery will focus on reconstruction of the orbit in trauma at the first day. The second part will cover oncology and periorbital diseases and the reconstruction. The third day will be a hands-on-cadaver laboratory training. It will provide a unique opportunity to perform the different approaches to the orbit and skull base region on non-fixated specimen. Additionally we will focus on virtual planning intraoperative imaging and navigation.

We hope to enrich the discussion around the field of orbital surgery, which proves to be one of the spearheads in the AOCMF, educational events and focus on the interdisciplinary work with the different specialties, working in the orbit region.

We look forward to welcoming you in Vienna, from May 20-22, 2015.

Yours sincerely,

The Vienna Faculty

Target participants

Surgeons with a special interest in orbital surgery in the field of Ophthalmology, ENT Surgery, Neurosurgery, Oral and Maxillofacial Surgery and Plastic Surgery.

Course description

This course is designed as a state-of-the art analysis of surgical challenges in the orbit region. This includes a focus, advanced discussion of the approaches to the orbit, materials and problems in trauma and post-traumatic deformities of the orbit. It will also cover the diagnosis and treatment of tumor and tumor-related diseases of the orbit and the skull base in an interdisciplinary treatment approach. The course consists of two parts as lectures, panel discussions on controversial topics and a hands-on cadaver laboratory training with additional computer assisted planning and navigation.

Course objectives

The main objectives are to:

- Present the current knowledge about orbital surgery in primary and secondary orbital reconstruction in traumatic conditions and in treatment of tumor diseases in the orbit region.
- Present the topics in an interdisciplinary approach.
- Demonstrate different materials, new procedures and developments in orbital reconstruction.
- Enhance surgical skills in a variety of orbit and skull base approaches in a dissection course part
- hands-on workshops in computer-aided planning and navigation.

Chairpersons

Course Director

Arnulf Baumann
Krankenhaus der Stadt Wien, Universitätsklinik für MKG-Chirurgie
Vienna, Austria

Course Chair

Nils-Claudius Gellrich
Medizinische Hochschule Hannover
Hanover, Germany

Faculty International

Joseph

Gruss

Seattle, United States of America

Faculty Regional

Carl-Peter	Cornelius	Munich, Germany
Christopher	Mohr	Essen, Germany
Alexander	Schramm	Ulm, Germany

Faculty National

Ute	Dieckmann	Vienna, Austria
Guido	Dorner	Vienna, Austria
Wolfgang	Gstöttner	Vienna, Austria
Andreas	Kuchar	Vienna, Austria
Julius	Lukas	Vienna, Austria
Christian	Matula	Vienna, Austria
Stefan	Nemec	Vienna, Austria
Michael	Rasse	Innsbruck, Austria

Guest Speaker

Majeed	Rana	Hannover, Germany
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Course organization

AO Foundation

AOCMF

Sarah Groves

Clavadelerstrasse 8

7270 Davos, Switzerland

Phone +41 81 414 25 52

Fax +41 81 414 22 80

Email sarah.groves@aocmf.org

www.aocmf.org

CME accreditation

An application has been made to the UEMS—EACCME for CME accreditation of this event. The number of credit points or hours varies from country to country. The final information and number of credit points will be distributed with the course certificate.

Day 1, Wednesday, 20 May 2015

TIME	AGENDA ITEM	WHO
08:30-09:00	Registration	
09:00-09:15	Welcome address, introduction of the faculty, AO history	Chairpersons A Baumann, C.P Cornelius
09:15-09:45	Anatomy of the orbit and periorbit from a surgeon`s view	C.P Cornelius
09:45-10:00	Radiological anatomy of the orbit and skull base	S Nemec
Part 1	Orbital Trauma	Moderators: A Baumann, C.P Cornelius
10:00-10:20	Ophthalmological considerations in orbital trauma	G Dorner
10:20-10:40	Surgical considerations in orbital trauma repair: when and how?	A Baumann
10:40-11:00	COFFEE BREAK	
11:00-11:20	Approaches to the orbit	C.P Cornelius
11:20-11:40	Different materials for orbital fracture repair	A Schramm, A Baumann
11:40-12:00	Reconstruction of complex orbital wall fractures	A Schramm
12:00-12:30	Special considerations for orbital fracture repair in pediatric patients	J Gruss
12:30-13:00	Discussion	All Faculty
13:00-14:00	LUNCH BREAK	
Part 2	Orbital Trauma	Moderators: A Baumann, A Schramm

14:00-14:20	Naso-Orbito-Ethmoidal complex fractures management and telecanthus correction	P.C Cornelius
14:20-14:50	Planning in orbit trauma reconstruction	A Schramm
14:50-15:10	PSI implants or prebent implants in orbital reconstruction?	A Baumann
15:10-15:30	Complications and side effects of orbital fracture repair	A Baumann
15:30-15:40	Discussion	All Faculty
15:40-16:00	COFFEE BREAK	
Part 3	Orbital Trauma – Reconstruction	Moderators: A Schramm
16:00-16:20	Follow-up of untreated orbital wall fractures: a second look	A Baumann
16:20-16:40	Lid lacerations, lacrimal pathway: ophthalmological aspects	A Kuchar
16:40-17:00	Computer assisted orbital reconstruction, navigation	A Schramm
17:00-17:20	Controversies in secondary orbital reconstruction: mesh vs. bone grafts	N.C Gellrich
17:20-18:00	Panel discussion: Orbital Trauma	All Faculty
18:00	End of Day 1	

Day 2, Thursday, 21 May 2015

TIME	AGENDA ITEM	WHO
Part 4	Orbital trauma	Moderators: A Baumann, N. C Gellrich
08:00-08:30	Ophthalmological aspects in secondary correction in the orbit, strabismus correction	G Dörner
08:30-08:50	Correction of soft tissue in orbital trauma	N.C Gellrich
08:50-09:00	Discussion	All Faculty
Part 5	Tumor and tumor-like lesions in the orbit	Moderators: C Mohr, N.C Gellrich
09:00-09:20	Ophthalmological diagnostic considerations in orbital tumors	J Lukas
09:20-09:40	Radiological aspects in orbit/skull base tumors	S Nemec
09:40-10:00	COFFEE BREAK	
10:00-10:40	Overview of different tumor entities involving the orbit and surgical treatment strategies	C Mohr
10:40-11:00	Radiation of the orbit region	U Dieckmann
11:00-11:20	Preservation vs. exenteration of the orbital content in orbital malignancies	C Mohr
11:20-11:40	Evisceration, exenteration, timing, Ophthalmological aspects	A Kuchar
11:40-12:10	Special considerations for orbital reconstruction in pediatric patients following tumor surgery	J Gruss
12:10-12:30	Oculoplastic approach in reconstruction of eyelids in tumor	K Kuchar
12:30-13:00	Discussion	All Faculty
13:00-14:00	LUNCH BREAK	

Part 6	Tumor of the orbit/skull base	Moderators: A Baumann, N C Gellrich
14:00-14:30	Primary and second reconstruction of the orbit region and skull base from neurosurgical aspect	C Matula
14:30-15:00	Primary and second reconstruction of the orbit region and skull base from ENT aspect	W Gstöttner
15:00-15:30	Primary and second reconstruction of the orbit region and skull base from CMF aspect	M Rasse
15:30-15:50	Discussion	All Faculty
15:50-16:00	COFFEE BREAK	
Part 7	Tumor - like lesions in the orbit	Moderators: C Mohr
16:00-16:20	Treatment of Orbital Cranial Fibrous Dysplasia	J Gruss
16:40-17:00	Management of anophthalmos and microphthalmos	C Mohr
17:00-17:20	Eye epithetic	A Baumann
17:20-17:40	Ophthalmological aspects in treatment of Graves' disease	G Dorner
17:40-18:00	Surgical treatment of Graves' disease	A Baumann
18:00-18:20	Craniofacial contouring for secondary deformities involving frontal bone, cranial vault, ant skull base and periorbital region	N.C Gellrich
18:20-19:00	Panel discussion: Orbital Tumor	All Faculty
19:00	End of Day 2	

Day 3, Friday, 22 May 2015, Anatomic Institute

TIME	AGENDA ITEM	WHO
	Workshop of planning, navigation and practical exercises	Moderator: A Baumann, P.C Cornelius, N.G Gellrich, C Mohr, A Schramm
08:00–09:40	Hands-on image analysis, planning and navigation (Brainlab)	M Rana
09:40–10:00	Technique for orbital floor revision	A Baumann
10:00–10:20	COFFEE BREAK	
10:20–10:30	Transconjunctival approaches	A Baumann
10:30–10:40	Transfacial/Transcutaneous lower eyelid approaches	P.C Cornelius
10:40–13:00	Practical demonstration and dissection under faculty guidance (with specimen): Workshop 1 <ul style="list-style-type: none"> - Transcutaneous incision and preparation of the orbicularis muscle - Transconjunctival incision / lateral cantholysis - Identification of the extraocular muscles - Orbital floor revision and inferior fissure identification - Orbital reconstruction with implant - Navigation and intraoperative control 	All Faculty
13:00–14:00	LUNCH BREAK	
14:00–14:20	Medial canthal ligament fixation	P.C Cornelius
14:20–14:30	Raising temporal and frontal flap, anatomic of the scalp	P.C Cornelius
14:30–16:00	Practical demonstration and dissection under faculty guidance (with specimen): Workshop 2 <ul style="list-style-type: none"> - Coronal incision with identification of the frontal branch and supraorbital nerves and pericranial flap - Preservation of the superficial temporal vessels - Medial canthal ligament fixation 	All Faculty
16:00–16:20	COFFEE BREAK	

16:20-16:40	Technical considerations in subcranial approach, canalization of frontal sinus	A Baumann
16:40-17:00	Refixation of soft tissue	N.C Gellrich
17:00-18:30	Practical demonstration and dissection under faculty guidance (with specimen): Workshop 3 <ul style="list-style-type: none"> - Osteotomy subcranial approach - External ethmoidectomy and identification of the periorbit - Canalization of the frontal sinus - Reconstruction of the anterior wall and osteosynthesis, bone grafts 	
18:30-19:00	Closing remarks, evaluation, certificates and end of course	

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

www.depuysynthes.com

Course information

Accreditation

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

Evaluation guidelines

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

Intellectual property

Course materials, presentations, and case studies are the intellectual property of the course faculty. All rights are reserved.

Recording, photographing, or copying of lectures, practical exercises, case discussions, or any course materials is absolutely forbidden.

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.

Transportation

Not provided for participants

Dress code

Casual

Course language

English

Course registration

Please register online at:

<http://VIENNA0515.aocmf.org>

Attention! The number of participants is limited to 20 participants (for the wet lab)!

Course fee

Euro 990 for all course

Euro 445 for lectures only

Includes coffee breaks, lunches, course material

Course venue

Venue: May 20-21, 2015 (lectures only) will be at:

Gesellschaft der Ärzte in Wien

Billrothhaus

Frankgasse 8

Vienna, Austria

Tel: 0043 1 405 47 77

www.billrothhaus.at

Venue: May 22, 2015 (wet lab) will be at:

Medical University Vienna

Anatomical Institute

Waehringer Strasse 13

Vienna, Austria

<http://www.meduniwien.ac.at>