AOCMF EUROPE

Stand: 16.06.14

Program

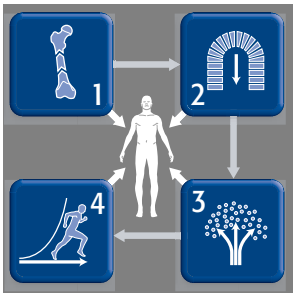
AOCMF Course – Principles in Craniomaxillofacial Fracture Management for Surgeons

October, 16–18, 2014
Frankfurt, Germany

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 health-care professionals to improve patient care in trauma or disorders of the musculoskeletal system.

The AO principles of fracture management



1 Fracture reduction and fixation to restore anatomical relationships.
2 Fracture fixation providing absolute or relative stability, as required by the "personality" of the fracture, the patient, and the injury.
3 Preservation of the blood supply to soft tissues and bone by gentle reduction techniques and careful handling.
4 Early and safe mobilization and rehabilitation of the injured part and the patient as a whole.

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

Warren Schubert
Chairman AOCMF International

Goal of the course

The AO Craniomaxillofacial Principles Course will teach the theoretical principles of the operative treatment of the craniomaxillofacial fractures and their complications, considering state-of-the-art craniomaxillofacial osteosynthesis in traumatology and reconstructive surgery.

Target participants

All those who deal with musculoskeletal head and neck disorders concerning trauma, reconstruction as well as congenital and acquired deformities of the craniofacial skeleton.

Course objectives

After the course, participants should be able to:

- Understand the biology of bone healing and how it is affected by fracture treatment
- Understand how the interaction of biomechanics and biology influences decision making in fracture management
- Know appropriate methods to diagnose fractures, know the indications for open or closed treatment of fractures and be familiar with surgical approaches to the facial skeleton
- Discuss the problems, complications and intraoperative difficulties that can result from international fixation
- Be able to comprehend pre-operative planning methods and outcome analysis
- Demonstrate psychomotor skills in the practical application of implants to artificial bones

Course description

Topics of the course will be taught in three main ways. Comprehensive lectures will concentrate on the understanding of core material. Practical sessions will teach the application of AO principles to the management of common injuries. Video demonstrations will be used to supplement the practical exercises. Discussions will be held throughout the course to link the lecture material and practical skills taught with the problems encountered by the course participants in their individual practice.

Course Director

Prof. Dr. Dr. Robert Sader
Direktor der Klinik für Mund-, Kiefer- und Plastische Gesichtschirurgie
Klinikum der Johann Wolfgang Goethe-Universität Frankfurt
Theodor-Stern-Kai 7
60590 Frankfurt am Main, Germany

Faculty Regional

Christoph Kunz,
Basel, Switzerland

Claude Jaquiery,
Basel, Switzerland

Faculty National

Felix Koch,
Frankfurt, Germany

Sharam Ghanaati,
Frankfurt, Germany

Alexander Groebe,
Frankfurt, Germany

Henning Hanken,
Frankfurt, Germany

Constantin Landes
Frankfurt, Germany

Course Organization

AO Foundation
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Local Organization
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Thursday, October 16, 2014

TIME	AGENDA ITEM	WHO
11:45–12:00	Registration	
12:00	Welcome address, introduction of the faculty, course objectives	Robert Sader
12:15–12:30	AO History, structure and membership	Robert Sader
	Module 1	
	General Principles	Moderator: Robert Sader
12:30–13:00	Biomechanics of the craniofacial skeleton (maxilla and mandible), bone healing	Shahram Ghanaati
13:00–13:30	Anatomy of the craniofacial region and surgical approaches	Alexander Groebe
13:30–13:45	AO implants and instrumentation	Henning Hanken
13:45–14:15	COFFEE BREAK (with Video session?)	
	Module 2	
	Mandible Fractures I	Moderator: Felix Koch
14:15–14:45	Osteosynthesis techniques in the mandible	
1.	Lag screws	
2.	Position screws	
3.	Load bearing osteosynthesis	
4.	Load sharing osteosynthesis	Robert Sader
14:45–15:00	Treatment of symphyseal and parasymphyseal fractures	Claude Jaquiery
15:00–15:30	Treatment of angular and lateral body fractures of the mandible	Claude Jaquiery
15:30–16:00	Treatment of fractures in children	Robert Sader
16:00–16:30	COFFEE BREAK	
16:30–18:00	**Practical exercise 1: Colibri drill** **Compression osteosynthesis of a midline mandible fracture** **Lag screw osteosynthesis of a midline mandible fracture** **Adaption osteosynthesis of a midline mandible fracture**	
18:00	End of day 1	
19:00	Get-Together	

Friday, October 17, 2014

TIME	AGENDA ITEM	WHO
	Module 3	
	Mandible Fracture II	Moderator: Felix Koch
08:00–08:20	**Practical exercise 2: Miniplate osteosynthesis in the mandibular angle 2.4 plate osteosynthesis in the mandibular angle**	
09:30–10:00	Treatment of condylar and subcondylar fractures	Christoph Kunz / Claude Jaquiery
10:00–10:30	COFFEE BREAK	
10:30–11:00	Osteosynthesis in bone with reduced quality: atrophic mandibles, comminutesand defect fractures, infected fracture site	Christoph Kunz
11:30–12:30	**Small discussion groups mandible**	
	Group A: Conservative treatment patterns	Felix Koch
	Group B: Teeth in fracture line	Alexander Groebe
	Group C: Comminuted fractures	Christoph Kunz
	Group D: Complication management	Claude Jaquiery
12:30–13:00	**Practical exercise 3: Load bearing fixation of a comminuted mandible fracture**	
13:00–14:00	LUNCH BREAK	
	Module 4	
	Midface Fractures	Moderator: Claude Jaquiery
14:00–14:20	Zygomatic fractures: Fracture patterns, limited versus extended approaches	Christoph Kunz / Claude Jaquiery
14:20–14:40	Naso-ethmoidal and orbital wall fractures	Christoph Kunz
14:40–15:00	Maxillary fractures: Isolated Le Fort and panfacial fractures - treatment principles	Henning Hanken
15:00–15:20	Frontal sinus and anterior skull base fractures	Alexander Groebe
15:20–15:45	Panfacial fracture management, sequencing, bone transplantation	Christoph Kunz
15:45–16:15	COFFEE BREAK	
16:15–17:45	**Practical exercise 4: Fixation of a complex midface fracture**	
17:45–18:00	Biomaterials	Shahram Ghanaati
18.00–18.30	Resorbable Osteosynthesis Techniques	Constantin Landes
18:30	End of day 2	

Saturday, October 18, 2014

TIME	AGENDA ITEM	WHO
08:00–08:20	State of the art in head and neck radiology	Henning Hanken
08:20–08:45	Computer-aided planning and surgery	Robert Sader
08:45–10:15	**Small discussion groups midface**	
	Group A: Imaging and navigation	Robert Sader
	Group B: Orbital wall reconstruction	Claude Jaquiery
	Group C: Secondary corrections	Felix Koch
	Group D: Complication management	Christoph Kunz
10:05–10:30	COFFEE BREAK	
	Module 5	
	Reconstruction	Moderator: Christoph Kunz
10:45–11:00	Reconstruction plates for defect bridging	Felix Koch
11:00–11:20	Mandibular reconstruction with free bone grafts: indication, techniques and fixation	Felix Koch
11:20–11:40	Mandible reconstruction with free vascularised bone grafts	Claude Jaquiery
11:40–12:00	Correction of post-traumatic deformities	Christoph Kunz
11:30–12:00	Principles of midface reconstruction	Christoph Kunz
12:00–12:30	Innovative Biomaterials for bone reconstruction	Shahram Ghanaati
12:30–13:30	LUNCH BREAK	
13:30–15:00	**Practical exercise: Mandibular segmental defect bridging with 2.4 Unilok plate**	
	Module 6	
	Orthognatic Surgery and Distraction Osteogenesis	Moderator: Claude Jaquiery
15:00–15:20	Diagnosis and planning in orthognatic surgery	Felix Koch
15:20–15:50	COFFEE BREAK	
15:50–16:10	Mandible osteotomies and fixation	Felix Koch
16:10–16:30	Midface osteotomies and fixation, bimaxillary surgery	Felix Koch
16:30–17:00	Principles of distraction osteogenesis and clinical application	Robert Sader
17:00–17:30	Evaluation, closure and certificates	All
	End of course	

General information

Course Venue
University Hospital Frankfurt
Hörsaal (Lecture Building No.22)
Theodor-Stern-Kai 7
60590 Frankfurt, Germany
Phone: +49 69 6301 3744
Fax: +49 69 6301 3785
www.kgu.de

Information, Registration online
http://frankfurt1410.aocmf.org

If you need assistance with the registration, we are pleased about your call or email. Thank you!

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

Course fee
,- €
Please transfer the course fee to:
Remittee: KPMG
Account-No. 070 985 700
(BLZ 100 700 00) Deutsche Bank Berlin
BIC (Swift-Code): DEUTDEBB,
IBAN: DE33 1007 0000 0070 9857 00
Keyword: "AOCMF-Frankfurt" (name participant)

Cancellation policy: 20% of course fee until 7 days before event starts.

Course language
English

Accomodation:
Please organise your room reservation:
Best Western Hotel Domicil
(2,1 km distance to the venue)
Single room 89,– € per night / incl. breakfast
Keyword: "AOCMF"
Karlstr. 14
60329 Frankfurt
Phone: +49 69 2711 10
Email: info@domicil-frankfurt.bestwestern.de
www.hotel-domicil-frankfurt.de

IBIS Hotel Frankfurt Centrum
(1,4 km distance to the venue)
Single room 89,– € per night / incl. breakfast
Keyword: "AOCMF"
Speicherstr. 4
60327 Frankfurt
Phone: +49 69 27 303 0
Email: H1445@accor.com
www.ibishotel.com

Dorint Hotel Frankfurt Niederrad
(3,4 km distance to the venue)
Single room 129,– € per night / incl. breakfast
Keyword: "AOCMF"
Hahnstr. 9
60528 Frankfurt
Phone: +49 69 6630 60
Email: info.frankfurt-niederrad@dorint.com
www.dorint.com/de/hotel-frankfurt-niederrad

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

How To Find Us
The University Hospital is situated very near the center of Frankfurt on the south bank of the river Main. It is also well connected to the public transport network. If you are travelling from further afield, for example from the airport or the city center, you can reach us quickly and easily by taking the tram from the 'Hauptbahnhof' (main railroad station) or & 'Südbahnhof'.
When using the Underground / Subway and rail the closest stops are 'Hauptbahnhof' and 'Südbahnhof'

Tram
from 'Hauptbahnhof', you take tram Nrs. 12 or 21. From 'Südbahnhof' you take tram Nr. 15. Convenient stops are 'Theodor-Stern-Kai' (main entrance) and 'Heinrich-Hoffmann-Str. / Blutspendedienst' for the Departments of Neurology and Neurosurgery, Psychiatry, Orthopaedics, and the Department of Infectiology in Building 68.
Taxi
A taxi rank is located at the main entrance (Theodor-Stern-Kai 7). As a rule you will find a taxi waiting. If you wish, you can also ask the nursing staff on your ward to call a taxi to the entrance you can reach most easily. The patient and visitors information in Building 23 C can also help you.
Parking
There is a shortage of parking space in and around the University Hospital, partly due to the many construction sites throughout the entire hospital premises.

Visitors will find a limited number of pay-and-display parking spaces at the main entrance, Theodor-Stern-Kai 7. Ticket machines are situated in the car park.
There is also a multi-storey car park in Sandhofstraße (behind the 'Blutspendedienst') on the hospital grounds. In the event of an extended stay in hospital we highly recommend you leave your car at home. A relative or friend can very probably drive you to the hospital. Otherwise take a taxi or use public transportation.
If necessary for medical reasons, the referring doctor can arrange for transport by ambulance.
Parking on the hospital grounds will be at your own risk.

The hospital is not liable for any damage to person or property. Statutory traffic regulations also apply to driving within the hospitals grounds.
Parking tickets due to unlawful parking are issued by the municipal authorities and penalties must be paid to them.