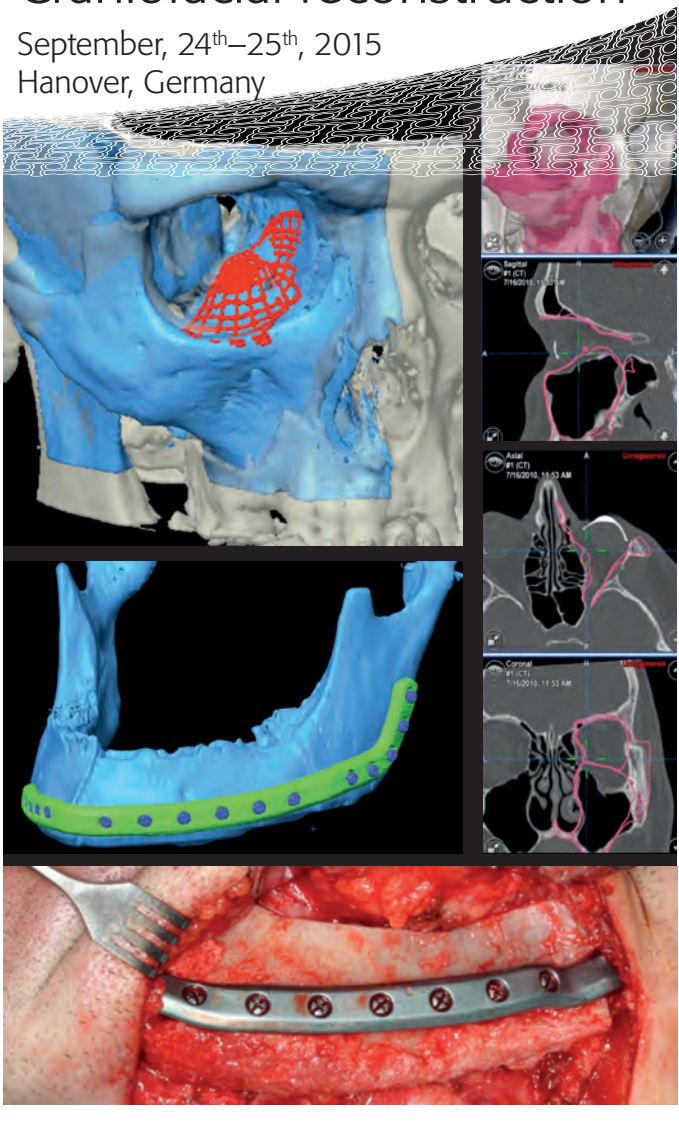
AOCMF
EUROPE

Program

AOCMF Course – Advanced Techniques and Surgical Planning in Craniofacial reconstruction

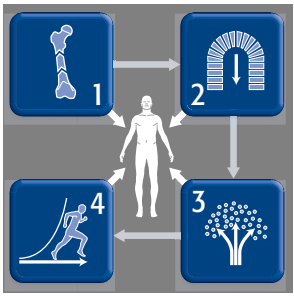
September, 24th–25th, 2015
Hanover, Germany



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

This course aims to enable the participant to analyze, understand diagnose and treat patients with the help of computer-assistance in the craniomaxillofacial region.

Target participants

Target participants all surgeons involved in management and surgical treatment of patients with craniomaxillofacial defects and deformities with a special focus to tumor and trauma treatment. Participants should have good knowledge in analyzing craniomaxillofacial defects and having experience in defect and deformity reconstruction
This course is aimed at surgeons with a special interest in craniomaxillofacial reconstruction in the field of ENT Surgery, Neurosurgery, Oral and Maxillofacial Surgery and Plastic Surgery.

Course objectives

After the course the participant should be able to

1. diagnose and treat craniomaxillofacial defects and deformities
2. identify appropriate diagnostic measures for particular disorders
3. select the appropriate treatment plan for the individual patient
4. select specific and appropriate surgical procedures, use acquired skills in daily practice

Course description

This course is composed of lectures and cadaver dissections where the lectures mainly serve to prepare the contents for the hands-on cadaver dissections. Strong emphasis will be given to the workflow optimization of reconstructing complex craniofacial defects and deformities mainly due to tumor and trauma. On both days the afternoon session is completely dedicated to dissections.
The current workflow from preoperative imaging analyzes to virtual modelling, prefabrication of guides and implants and technologies like intraoperative navigation and intraoperative imaging and visualization via endoscopy will be demonstrated.

Chairman

Nils-Claudius Gellrich
Department of Craniomaxillofacial Surgery
Hanover Medical School
30625 Hanover, Germany

Course Director

Majeed Rana
Department of Craniomaxillofacial Surgery
Hanover Medical School
30625 Hanover, Germany

International Faculty

Michael Grant
Wilmer Ophthalmological Institute at Johnson Hopkins,
Baltimore, USA

Regional Faculty

Beat Hammer
Cranio-Faciales-Centrum Hirslanden,
Aarau, Switzerland

National Faculty

Max Heiland
University Medical Center Hamburg-Eppendorf
Hamburg, Germany

Marc Metzger
University Hospital
Freiburg, Germany

Alexander Schramm
University Hospital and Military Hospital
Ulm, Germany

Guest speaker

Bjoern Rieke
University Medical Center Hamburg-Eppendorf
Hamburg, Germany

Thursday, September 24th, 2015

TIME	AGENDA ITEM	WHO
07:30–08:00	Registration	Majeed Rana
08:00–08:15	Welcome address, introduction of faculty, course objectives	Nils-Claudius Gellrich
08:15–08:45	Computer-assisted surgery, computer-aided design and manufacturing in craniofacial reconstruction – Why is a plate more than a plate?	Majeed Rana
08:45–09:15	Prerequisites for computer-aided mandibular reconstruction and virtual planning with TRUMATCH®-CMF	Alexander Schramm
09:15–09:45	Mandibular reconstruction with a microvascular osteocutaneous fibula flap using computer-assisted surgery	Max Heiland
09:45–10:00	Discussion	
10:00–10:20	COFFEE BREAK	
10:20–10:50	Report from the originator: Prefabricated fibula flaps for reconstruction of defects of the maxillofacial skeleton	Beat Hammer
10:50–11:30	Mandibular reconstruction with a microvascular scapula or DCIA flap using computer-assisted surgery	Alexander Schramm/ Marc Metzger/ Bjoern Rieke
11:30–12:00	Maxillary reconstruction with microvascular bone transfer - Advantages and disadvantages using computer-assisted surgery	Majeed Rana Max Heiland
12:00–12:20	Intraoperative imaging and endoscope-assistance: How can and does it contribute to better treatment outcome in CMF-reconstruction?	Alexander Schramm
12:20–12:40	Milestones in craniomaxillofacial reconstruction using computer-assisted surgery	Nils-Claudius Gellrich
12:40–13:00	Discussion	
13:00–14:00	LUNCH BREAK	
14:00–18:30	**Practical Session 1**	All Faculty
	– Mandibular resection	Nils-Claudius Gellrich/ Max Heiland
	– Harvesting of Fibula and mandibular reconstruction using Trumatch®-CMF	Alexander Schramm/ Majeed Rana
	Practical Session 2	All Faculty
	– Harvesting of a microvascular DCIA flap	Alexander Schramm/ Marc Metzger/ Bjoern Rieke
	– Harvesting of a microvascular scapula flap	Bjoern Rieke
20:00	End of day 1	

Friday, September 25th, 2015

TIME	AGENDA ITEM	WHO
08:00–09:00	Demonstration of an interactive imaging analysis workflow: virtual orbital reconstruction using MatrixMIDFACE Preformed Orbital Plates	Nils-Claudius Gellrich/ Majeed Rana
09:00–09:20	Orbital deformities: From analyzing to virtual prefabrication and reconstruction	Majeed Rana
09:20–09:40	Secondary orbital and midface reconstruction: CAS-planning and CAS-treatment	Nils-Claudius Gellrich
09:40–10:00	DISCUSSION/COFFEE BREAK	
10:00–10:20	Pediatric midfacial and orbital trauma: Primary treatment aspects and implementation of computer-assisted surgery	Michael Grant
10:20–10:40	Congenital pediatric deformities: How does computer-assisted surgery help in the treatment protocol?	Nils-Claudius Gellrich
10:40–11:10	Oculoplastic surgical aspects to successful CMF-reconstruction	Michael Grant
11:10–11:40	Medial and lateral canthal ligament reconstruction: A keypoint of reconstruction	Beat Hammer
11:40–12:00	Discussion	
12:00–13:00	LUNCH BREAK	
13:00–15:20	**Practical Session 3**	All Faculty
	– Use of Navigation, endoscope and intraoperative imaging in operation room	Majeed Rana
	– Surgical orbital approaches: coronal, transconjuctival, blepharoplastic	Nils-Claudius Gellrich
	– Medial and lateral canthal ligament reconstruction	Beat Hammer
15:20–15:40	COFFEE BREAK	
15:40–17:40	**Practical Session 4**	All Faculty
	– Orbital reconstruction using MatrixMIDFACE Preformed Orbital Plates	Majeed Rana/ Nils-Claudius Gellrich
	– Emergency management in orbital surgery	Michael Grant/ Max Heiland
	– Oculoplastic surgery, local flaps	Michael Grant
17:40–18:00	Summary and End of course (Certificate distribution)	

General information

Course Organization
AO Foundation
AOCMF
Ariadna Guirao
Clavadelerstrasse 8
7270 Davos Platz, Switzerland
Phone: +41 81 414 2555
Fax: +41 81 414 2280
Email: ariadna.guirao@aocmf.org
www.aocmf.org

Course Venue
MHH Hanover
Anatomical Institute
Carl-Neuberg-Str. 1
30625 Hanover

Accommodation
Please organise your room reservation:

Hotel Mercure Medical Park
Single room 108,– € per night / incl. breakfast
Hotel Ibis Medical Park
Single room 80,– € per night / incl. breakfast
Feodor-Lynen-Strasse 1
30625 Hanover
Phone: +49 511 95660
Email: h1631@accor.com

Information, Registration online
http://hanover0915.aocmf.org
If you need assistance with the registration, we are pleased about your call or email. Thank you!

Local Organization
Johnson & Johnson Medical GmbH
Geschäftsbereich DePuy Synthes
Im Kirchenhürstle 4-6
79224 Umkirch

Administration: Kathrin Stork
Technical Course Support: Antonio De Lellis
Phone: +49 7665 503-338
Fax: +49 7665 503-193
Email: stork.kathrin@synthes.com

Course fee
€ 1.500,– incl. VAT, coffee breaks, lunch, course material
Please transfer the course fee to Remittee: KPMG, Deutsche Bank Berlin, BIC (Swift-Code): DEUTDEBB, IBAN: DE33 1007 0000 0070 9857 00

Keyword: "AOCMF Course, Hanover"
20% of course fee will be charged if cancellation is less than 7 days before start of the course.

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. Check hazards and legal restrictions on www.aofoundation.org/legal. The AO Foundation reserves the right to film, photograph, and audio record during their events. Participants must understand that in this context they may appear in these recorded materials. The AO Foundation assumes participants agree that these recorded materials may be used for AO marketing and other purposes, and made available to the public. Recording, photographing, or copying of lectures, practical exercises, case discussions, or any course materials is absolutely forbidden.

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

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.

Connections to the MHH

By train (Deutschen Bahn, DB):

Commuter train S6/S7 (going to Celle): get on at the main station; get off at Karl-Wiechert-Allee and change upstairs to city tram line U 4 (going to Roderbruch).

Commuter train S3 (going to Hildesheim): get on at the main station; get off at Karl-Wiechert-Allee and change upstairs to city tram line U 4 (going to Roderbruch).

By city tram (Üstra):

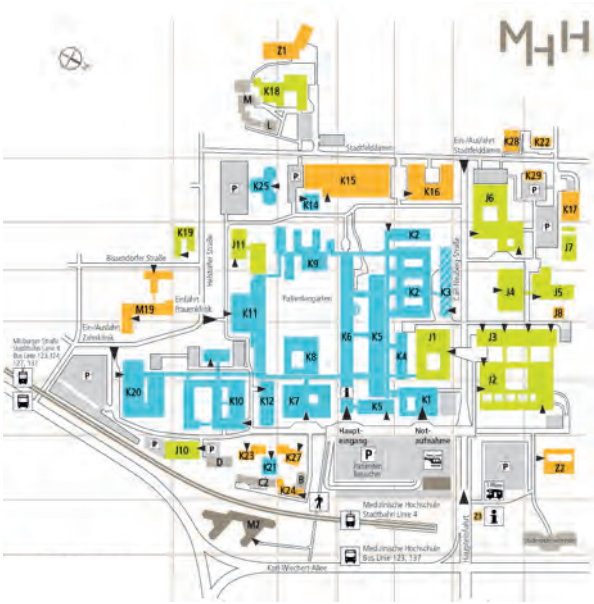
Tram line U 4 runs from Garbsen via Kröpcke (not from the main station) in the direction of Roderbruch; the MHH has its own stop, Medizinische Hochschule.
From the main station: either walk 400 m to the next stop, Kröpke, or take tram line U 1, U 2, or U 8 (Messe) located two levels below the main station. Get off at the second stop, Aegidientorplatz, and change on the same level to tram line U 4 on the other side of the platform.

By city bus (Üstra):

Bus 123, either from Peiner Strasse (via tram line U 1, U 2, or U 8) or from Buchholz (tram lines U 3 and U 7); get off at Medizinische Hochschule.
Bus 124, either from Am Brabrinke (via U 1 or U 2) or from Misburg; get off at Misburger Strasse (at the Dental Clinic).
Bus 127, either from Kantplatz (via U 4 or U 5) or from Lahe (via U 3); get off at Medizinische Hochschule.
Bus 137, either from Kantplatz (via U 4 or U) or from Spannhagen-garten (via U 3 or U 7); get off at Medizinische Hochschule
Note that these bus connections do not originate from the main station, but must be reached by connecting tram lines.

By car:

From Kassel on the A7: at the Hannover-Süd interchange (Autobahn-Dreieck), take the A37 in the direction of Hannover. The A37 becomes the "Messeschnellweg" (see below).
From Hamburg on the A7: at the Hannover-Kirchhorst interchange (Autobahn-Kreuz), take the A37 in the direction of Hannover. See further directions below.
From Dortmund or Berlin on the A2: at the Hannover-Buchholz interchange (Autobahn-Kreuz), take the A37 in the direction of Hannover. See further directions below.
From the A37 (= Messeschnellweg), exit at the Weidetor traffic circle (Weidetorkreisel) onto Karl-Wiechert-Allee (cf. map below). From here it is a short drive to the MHH.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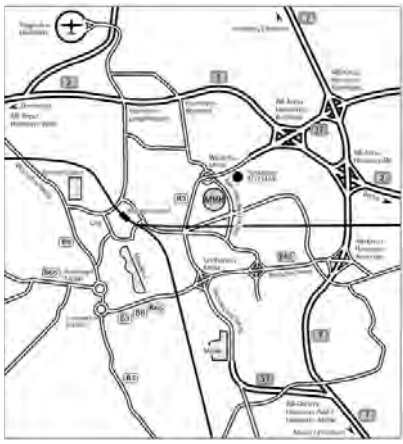
Haupteingang
Notaufnahme
Medizinische Hochschule
Stadtbahn Linie 4
Bus Linie 123, 137
Blauendorfer Straße
Ein-/Ausfahrt Zahnklinik
Ein-/Ausfahrt Stadtfeldstraße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