AO CMF

AO CMF Course—**Orthognathic Management of Facial Deformities**

June, 27-28, 2025 Prague, Czech Republic **PRELIMINARY PROGRAM**



Mission

The AO's mission is promoting excellence in patient care and outcomes in trauma and musculoskeletal disorders.

Purpose statement

Our purpose is promoting excellence in patient care and outcomes in craniomaxillofacial surgery across all specialties.

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

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A 2-day course with dry bone models

Developed by AO CMF Orthognathics Taskforce, approved by the Education Commission: Majeed Rana, Patricia Stoor, Mike Leung, Stefano Fusetti (September 2024 for use in 2025 after Davos 2024 event)

Goal of the course

This course provides a standard introduction to the principles and core concepts in orthognathic surgery for dental and skeletal deformity, that can be applied in the local healthcare system based on patient needs and expectations and a multidisciplinary approach. It covers the decision making, planning, and core treatment processes as well as complication avoidance.

Target participants

Surgeons who are developing their practice in the field of orthognathic surgery (residents and qualified surgeons) and orthodontists

Learning objectives

Upon completion of this course, participants will be able to:

1. Perform adequate facial analysis (airway, function, soft tissue, standard photography, etc) of patients with functional and esthetic concerns
2. Correctly diagnose based on all the information
3. Make treatment decisions based on patient needs and expectations considering pretreatment assessment (discuss and communicate with orthodontics and the patient)
4. Plan for the procedure and treatment and consider predictability and long-term stable results based on the current evidence-based guidelines
5. Describe the treatment procedures available with pros and cons respecting the range of hard and soft tissues
6. Recognize and address potential complications and explain to the patient
7. Document and analyze your results (quality control)

Course description

This 2-day course is delivered through a combination of lectures, small group discussions, and hands-on practical exercises and skills stations (including facial analysis and planning).



Pre-course activities (6-8 hours over 4 weeks)

- Readings, archived webinars, prerecorded presentations, and videos (approaches on clinical or anatomical specimen) and step-by-step videos of the techniques for both Le Fort I and BSSO procedures on dry bone model with animations
- Digital planning (prerecorded step-by-step guidance for a case) and orthodontics information
- Surgery Reference procedures and MyAO case forum – post-questions in online forum

Chairperson



Majeed Rana
Düsseldorf, Germany

Co-Chair



Adam Stebel
Banská Bystrica, Slovakia

Regional Faculty

Paul Wolfgang Poeschl	Klinikum Wels-Grieskirchen, Wels, Austria

National Faculty

Petr Michl	University Hospital Olomouc, Olomouc, Czech Republic
René Foltán	1st Medical Faculty of Charles University, Prague, Czech Republic

Faculty Candidate

Philippe Korn	Medizinische Hochschule Hannover, Germany
Rastislav Slavik	Hospital of F.D.Roosevelt, Bratislava, Slovakia

Guest Speaker

Raphael Mohammad ARAGMA s.r.o., Czech Republic

Friday,
June 27, 2025

08:00–08:30	Registration	
08:30–08:40	Welcome and introduction	A Stebel R Foltán
08:40–09:00	Overview of orthognathic surgery	M Rana
09:00–09:20	Analyze the face	R Foltán
09:20–09:40	Diagnosis	W Poeschl
09:40–10:00	Coffee break	
10:00–11:30	**Small group discussion 1** **Treatment options and decision making**	All Faculty (3/4 Groups on round tables)
11:30–12:30	**AO CMF Orthognathic Skills Lab** 3 stations in rotation (3 groups of 8 participants) Part 1 1. Defining the occlusion (using cast models/model surgery) 2. Facial profiling and soft tissue analysis (3D cephalometry) 3. Instrumentation options and uses (spreaders, osteotomes, etc) And Selecting, positioning, and placing plates	Station 1: R Mohammad, A. Stebel Station 2: W Poeschl P Korn Station 3: P Michl, R Slavik
12:30–13:30	Lunch break	
13:30–14:30	**AO CMF Orthognathic Skills Lab** 3 stations in rotation (3 groups of 8 participants) Part 2 1. Defining the occlusion (using cast models/model surgery) 2. Facial profiling and soft tissue analysis (3D cephalometry) 3. Instrumentation options and uses (spreaders, osteotomes, etc) And Selecting, positioning, and placing plates	Station 1: R Mohammad, A. Stebel Station 2: W Poeschl P Korn Station 3: P Michl, R Slavik
14:30–15:30	**Practical exercise 1** **Maxilla** Le Fort I (high Le Fort I, malarplasty, multiple segments)	Lab Leader: M Rana All Faculty
15:30–15:50	Coffee break	
15:50–16:50	**Continue Practical Exercise 1** **Maxilla**	All Faculty
16:50–17:10	Panel Discussion: Complications management	W Poeschl R Rana
17:10–17:30	Summary of day 1 and preview of day 2	A Stebel

Saturday,
June 28, 2025

08:30–08:50	Recap of day 1	M Rana
08:50–10:20	**Small group discussion 2** **Treatment options and decision making**	All Faculty
10:20–10:30	Coffee break	
10:30–11:30	Panel discussion (Aesthetic consideration, OSAS, emerging technologies)	R Foltán (OSAS) A Stebel (Em. Techn) M Rana (Aesth. Consid.)
11:30–12:30	Lunch break	
12:30–14:30	**Practical exercise 2: Mandible** **BSSO, vertical ramus osteotomy, and genioplasty**	Lab Leader: A Stebel All Faculty
14:30–14:45	Coffee break	
14:45–15:45	**Outcomes and postoperative evaluation: Skills Lab 2** 3 stations 1. Analyze final occlusion (cast model) 2. OPG in lateral cephalograms (x-rays) 3. Preop and postop image comparisons	Station 1: R Mohammhad Station 2: P Korn Station 3: R Slavik
15:45–16:00	Questions, take-home messages, and evaluation	

Event information

Organization

Anna-Karolina Röckel
Clavadelerstrasse 8 7270 Davos | Switzerland
Phone: +41 79 436 07 80
Email: annakarolina.roeckel@aofoundation.org

Participants' contact

If you have any questions, please contact Global Event Services:
Ariane Bono
Phone +41 79 138 0116
E-mail: ariane.bono@aofoundation.org

Registration fee

Standard fee: EUR 795

AO CMF Member: EUR 755

AO CMF Member Plus: EUR 715

Included in the registration fee are documentation, coffee break, lunch break, and course certificate.

Cancellation policy: 50% until 30 days before the event. No refund thereafter.

Online registration

https://aofnd.my.site.com/evt/s/evt-event/a1oTG000004LyIX/e23001052-ao-cmf-orthognathic-course-level-1

Language
English

European CME accreditation

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

Event organization compliance

In certain countries where AO has no office but offers educational events, the AO cooperates with third party companies to conduct local organization and logistics, as well as to communicate with participants in the local language. In these cases, the AO has put rules and guidelines in place to ensure that this cooperation has no impact on the curricula, scientific program, or faculty selection.

AO funding sources

Unrestricted educational grants from different sources are collected and pooled together centrally by the AO. All events are planned and scheduled by local and regional AO surgeon groups based on local needs assessments. We rely on industrial/commercial partners for in-kind support to run simulations/skills training if educationally needed.

Venue

Novotel Praha Wenceslas Square
38 Katerinska
12000 Prague
Czech Republic

Phone: +420 221 104 999
Email: H3194@accor.com
Website: Hotel in Prague - Novotel Praha Wenceslas Square - ALL - ALL

General information

Evaluation guidelines

All AO CMF events apply the same evaluation process, which includes pre- and post-event online evaluation and on-site written questionnaires. These evaluation tools help ensure that AO CMF continues to meet your training needs.

Disclosures and conflicts of interest

Disclosure information and potential conflicts of interest (COI) can be viewed at the event webpage.

Intellectual property

Event materials, presentations, and case studies are the intellectual property of the event faculty.

All rights are reserved. For more information, please see: www.aofoundation.org/legal.

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



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.

Security

There will be a security check at the entrance of the building. Wearing of a name tag is compulsory during lectures, workshops, and group discussions.

No insurance

The event organization does not take out insurance to cover any individual against accidents, theft, 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.

Sponsors

We thank our major industry partner Johnson&Johnson MedTech for providing In- kind support

Johnson&Johnson MedTech

We also thank Brainlab for supporting this event.

BRAINLAB

Principles of AO educational events

1. Academic independence
Development of all curricula, design of scientific event programs, and selection of faculty are the sole responsibilities of volunteer AO network surgeons.
All education is planned based on needs assessment data, designed and evaluated using concepts and evidence from the most current medical education research, and reflects the expertise of the AO Education Institute (www.aofoundation.org).
Industry participation is not allowed during the entire curriculum development and planning process to ensure academic independence and to keep content free from bias.

2. Compliance to accreditation and industry codes
All planning, organization, and execution of educational activities follow existing codes for accreditation of high-quality education:

- Accreditation Criteria of the Accreditation Council for Continuing Medical Education, US (www.accme.org)
- ACCME Standards for Commercial Support: Standards to Ensure Independence in CME Activities (www.accme.org)
- Criteria for Accreditation of Live Educational Events of the European Accreditation Council for Continuing Medical Education (www.uems.eu)

Events that receive direct or indirect unrestricted educational grants or in-kind support from industry also follow the ethical codes of the medical industry, such as:

- Eucomed Guidelines on Interactions with Healthcare Professionals (www.medtecheurope.org)
- AdvaMed Code of Ethics on Interactions with Health Care Professionals (advamed.org)
- Mecomed Guidelines on Interactions with Healthcare Professionals (www.mecomed.org)

3. Branding and advertising
No industry logos or advertising (apart from the AO Foundation and its clinical divisions) are permitted in the area where educational activities take place.

Sponsors providing financial or in-kind support are allowed to have a promotional booth or run activities outside the educational area with approval from the event chairperson.

4. Use of technologies and products in simulations
In case simulations are chosen as an educational method to educate skills, we only use technology approved by the AO Technical Commission—a large independent group of volunteer surgeons developing and peer reviewing new technology.
More information about the AO Technical Commission and its development and approval processes can be found on the AO's website: www.aofoundation.org.

5. Personnel
Industry staff members are not permitted to interfere with the educational content or engage in educational activities during the event.

Notes

AO CMF membership
Join the number one network for oral and craniomaxillofacial experts



Sign up for membership today and start exploring the full array of educational tools we have to offer! Get access to online case discussion groups and locally organized study clubs.

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