

# AO CMF | Global Neuro Event— “Craniofacial on the Couch” Tips and Tricks from the Masters

June 21, 2022

London, United Kingdom

PROGRAM



Excellence  
in facial surgery  
across the  
specialties



Global Neuro

**BAOMS**  
THE FACE OF SURGERY

## 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.

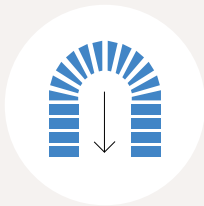
## The AO principles of fracture management

1



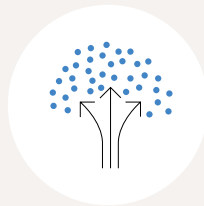
Fracture reduction and fixation to restore anatomical relationships.

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.

# Content

---

## 4 Welcome

---

## 5 Event description

- Goal of the course
- Target participants
- Learning objectives

---

## 6 Chairperson and faculty

---

## 7 Tuesday, June 21, 2022

---

## 8 Event information

- Venue

---

## 9 General information

---

## 10 Principles of AO educational events

---

## 11 Course finder

---

# Welcome

## Dear participant,

Wherever you are in the world, we welcome you to this educational activity!

In the last few years, a revolution has occurred in education and how training is delivered. You are now able to access and participate in educational events taking place anywhere around the world, 24 hours a day, seven days a week. The AO promises you gold-standard education and opportunities to engage with experts and like-minded peers from around the world and across the specialties.

With the support of outstanding AO faculty, the AO Education Institute, and partners, we are dedicated to helping you achieve your goals and supporting you in your lifelong learning journey.

Enjoy this event, participate and interact with your faculty, build new friendships, and get the most out of your experience. Be confident: you are now part of the AO network, a group of over 215,000 health care professionals all over the world. Together, we take forward the mission of promoting excellence in patient care.

Please take some time to review all that we have to offer you. AO CMF membership will open many doors for you to learn and expand your network.

### Continue to learn with AO CMF

No other organization provides as many learning opportunities in the craniomaxillofacial arena as AO CMF. Explore the AO CMF website to access additional educational tools and events, and discover new contacts in the fields of:

- Cranial trauma including skull base
- Midface trauma
- Mandibular trauma
- Dentoalveolar trauma
- Congenital deformities
- Secondary correction of posttraumatic deformities
- Orthognathic surgery
- Head and neck oncology and postablative reconstruction
- Nasal reconstruction
- Facial nerve paralysis and reanimation

### The world of AO CMF

**Discover all the benefits of being an AO CMF member**

[Course and event finder](#): Find upcoming events.

[AO CMF Online Campus](#): live online education with a monthly program

[AO Surgery Reference](#): your step-by-step guide to the complete management of facial surgery from diagnosis to aftercare

[AO videos library \(members only\)](#): skills training videos, recorded webinars, and online events

[myAO](#): mobile app that allows you access to the AO global network and the wide array of available content

[AO CMF community](#): Meet some of the most prominent voices in AO CMF.

[Journals and publications—must-have CMF books and latest scientific publications in the field](#)

[Fellowships](#): AO CMF-sponsored fellowships around the globe

[Research](#): Discover the latest research projects and grants sponsored by AO CMF.

## Event description

This one-day AO CMF | Global Neuro event will update you on the best practices for pediatric CMF trauma, skull base tumors, traumatic brain injuries and complex facial trauma. The use of endoscopic techniques and state-of-the-art in 3D biomaterials printing will be included. Over 14 world renowned experts in the field of craniomaxillofacial surgery and neurosurgery will share their expertise and knowledge in an interactive format.

## Goal of the event

The event is organized in an interactive format with live audience participation. The experts will be reviewing best practices in the treatment of pediatric craniomaxillofacial trauma, skull base tumors, traumatic brain injury and complex facial trauma.

## Target participants

Practicing surgeons, trainees, healthcare professionals with an interest in craniofacial surgery.

## Learning objectives

At the end of this course, participants will be able to:

- Recognize treatment options for paediatric craniofacial surgery including midface osteotomies and distraction.
- Review the latest use of endoscopic techniques, 3D virtual planning and biomaterials in craniofacial surgery.
- Describe approaches to skull base tumors including transorbital and transnasal techniques.
- Describe best practice in the management of traumatic brain injury in complex facial trauma cases.
- Review complex cases in CMF such as conjoint twin separation.

# Chairpersons



## **Daljit Dhariwal**

Consultant Oral and Maxillofacial Surgeon  
Oxford, University Hospitals NHS  
Foundation Trust  
Oxford, United Kingdom



## **Ian Sharp**

Consultant Surgeon  
Department Oral and Maxillofacial Surgery  
University Hospitals Birmingham, NHS Foundation  
Birmingham, United Kingdom Trust

# Faculty

## **Andrew Wilkie**

Nuffield Professor of Pathology  
Honorary Consultant in Clinical Genetics  
Radcliffe Department of Medicine  
Oxford University Hospitals, Oxford, United Kingdom

## **Christian Duncan**

Director of Division of Surgical Care  
Department of Craniofacial Surgery  
Alder Hey Children's NHS Foundation Trust  
Liverpool, United Kingdom

## **Darlene Lubbe**

Consultant, Division of Otolaryngology  
University of Cape Town  
Cape Town, South Africa

## **David Dunaway**

Consultant, Plastic Surgery and Craniofacial Unit  
Great Ormond Street Hospital, London, United Kingdom

## **Florian Thieringer**

Senior Consultant Oral and Cranio-Maxillo-Facial Surgery  
3D Print Lab, University Hospital Basel, Switzerland

## **Mark Wilson**

Consultant Neurosurgeon and Pre-Hospital Care Specialist  
Imperial College  
London, United Kingdom

## **Marloes Nienhuijs**

Consultant, Department of Oral and Maxillofacial Surgery  
Radboud University Medical Centre  
Nijmegen, The Netherlands

## **Marta Redondo Alamillos**

Consultant, Oral and Maxillofacial Surgeon  
Hospital Universitario 12 de Octubre  
Madrid, Spain

## **Michael Stephen Dover**

Consultant Oral and maxillofacial surgeon  
West Midlands Craniofacial Service  
Birmingham Childrens Hospital  
Birmingham, United Kingdom

## **Nick Thomas**

Consultant Neurosurgeon  
King's College Hospital  
London, United Kingdom

## **Peter Hutchinson**

Professor of Neurosurgery, University of Cambridge  
Cambridge, United Kingdom

## **Sanjeeva Jeyaretna**

Consultant Neurosurgeon  
Oxford University Hospitals NHS Foundation Trust  
Oxford, United Kingdom

## **Stana Bojanic**

Consultant Neurosurgeon  
Oxford University Hospitals NHS Foundation Trust  
Oxford, United Kingdom

# Tuesday

June 21, 2022

---

09:00–09:30 Registration

---

---

## Module 1 Paediatric craniofacial

09:30–09:40	Welcome and introduction to the faculty and event	Daljit Dhariwal, Ian Sharp
09:40–09:55	Head shape	Christian Duncan
09:55–10:10	Genetics update	Andrew Wilkie
10:10–10:25	Midface osteotomies	Stephen Dover
10:25–10:45	Advances in Distraction of the face	David Dunaway
10:45–11:00	Questions on the couch	Christian Duncan, Andrew Wilkie, Stephen Dover, David Dunaway
11:00–11:20	Coffee break	
11:20–11:35	3D virtual planning	Marta Redondo Alamillos
11:35–11:50	Endoscopic calvarial and helmet	Marloes Nienhuijs
11:50–12:10	Conjoint twin separation	David Dunaway
12:10–12:25	Questions on the couch	Marta Redondo Alamillos, Marloes Nienhuijs, David Dunaway

---

---

## Module 2 Biomaterials

12:25–13:00	Bioprinting	Florian Thieringer
13:00–14:00	Lunch break	

---

---

## Module 3 Skull base tumours

14:00–14:15	Transnasal and clival procedures	Nick Thomas
14:15–14:30	Transorbital tumours	Sanjeeva Jayaretna
14:30–14:50	Transorbital endoscopic	Darlene Lubbe
14:50–15:05	Questions on the couch	Nick Thomas, Sanjeeva Jayaretna, Darlene Lubbe
15:05–15:20	Coffee break	

---

---

## Module 4 Trauma

15:20–15:35	Prehospital management of traumatic brain injury	Mark Wilson
15:35–15:50	Traumatic brain injury update	Peter Hutchinson
15:50–16:05	Neuro-intensive care management of traumatic brain injury	Peter Hutchinson
16:05–16:20	Acute management of frontal sinus trauma	Stana Bojanic
16:20–16:35	The Global Neurotrauma perspective	Peter Hutchinson
16:35–16:50	Questions on the couch	Mark Wilson, Peter Hutchinson, Stana Bojanic
16:50–17:00	Close and certificates	

---

# Event information

## Organization

Edina Buzàs  
Clavadelerstrasse 8  
Davos Platz, Switzerland  
E-mail [edina.buzas@aofoundation.org](mailto:edina.buzas@aofoundation.org)

## Participants' contact

AO Global Event Services  
E-mail [aoges.emea@aofoundation.org](mailto:aoges.emea@aofoundation.org)

## Registration fee

Residents and students: CHF 73.50  
Consultants, surgeons: CHF 105.  
Included in the course fee are conference bag with documentation, coffee breaks, lunch, course certificate.

## Online registration

<https://sforce.co/3vyCSNT>

## Language

English

## 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

## Park Plaza London Waterloo

Hercules House,  
6 Hercules Rd,  
London SE1 7DP  
<https://www.parkplazalondonwaterloo.com/>



# General information

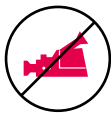
## Evaluation guidelines

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.

## 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](http://www.aofoundation.org/legal).

**Recording, photographing, or copying lectures, practical exercises, case discussions, or any event materials is strictly forbidden. Participants violating intellectual property will be dismissed.**



The AO Foundation reserves the right to film, photograph, and audio record during its 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 the AO's marketing and other purposes, and that they may be 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.

## Insurance

The event organization does not take out insurance to cover any individual against accident, theft, or other risks.

## Use of mobile phones

Use of mobile phones is not permitted in the lecture halls or in other rooms during educational activities. Please be considerate of others by turning off your mobile phone.

## Transportation

Not provided to participants

# 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](http://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](http://www.accme.org))
- ACCME Standards for Commercial Support: Standards to Ensure Independence in CME Activities ([www.accme.org](http://www.accme.org))
- Criteria for Accreditation of Live Educational Events of the European Accreditation Council for Continuing Medical Education ([www.uems.eu](http://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](http://www.medtecheurope.org))
- AdvaMed Code of Ethics on Interactions with Health Care Professionals ([www.advamed.org](http://www.advamed.org))
- Mecomed Guidelines on Interactions with Healthcare Professionals ([www.mecomed.com](http://www.mecomed.com))

## 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 practical sessions

In case practical sessions are chosen as an educational method to educate skills, the technologies and products used have been approved or reviewed by the AO Technical Commission—a large independent group of volunteer surgeons developing and peer-reviewing new technology on behalf of the AO Foundation.

Any technology and/or products used in the practical sessions of this event have been found suitable to serve the defined educational purposes.

This does not imply any statement about its use and performance in actual clinical scenarios.

More information on the AO Technical Commission can be found on the AO's website: [www.aofoundation.org/tc](http://www.aofoundation.org/tc).

## 5. Personnel

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



# Find your next learning activity



**Enhance your career, improve your knowledge, skills and network with the world's leading education provider to health care professionals working in the fields of trauma and musculoskeletal disorders.**

Choose from over 800 events each year including face-to-face hands-on surgical skills courses, seminars, and case discussion workshop groups as well as online courses, webinars, panel discussions and more. Courses can be filtered by specialty, country, topic and level.

Create your own learning schedule and find your next learning activity with the AO course and event finder.



**AO Trauma**



**AO Spine**



**AO CMF**



**AO Recon**



**AO VET**



**AO Sports**



Transforming  
Surgery—  
Changing  
Lives

[www.aofoundation.org/our-courses-and-events/course-finder](https://www.aofoundation.org/our-courses-and-events/course-finder)

© 2021 AO Foundation | AO Foundation, Clavadelerstrasse 8, CH-7270 Davos, Switzerland

More information at  
[www.aofoundation.org](https://www.aofoundation.org)

# AO CMF membership

## Join the number one network for oral and craniomaxillofacial experts

### Membership Benefits



**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.



AO CMF | Clavadelerstrasse 8 | 7270 Davos | Switzerland  
Phone +41 81 414 21 11 | Fax +41 81 414 22 80 | [info@aocmf.org](mailto:info@aocmf.org)

[www.aocmf.org](http://www.aocmf.org)

**AO**  
CMF