

AO Trauma Online Course— Upper Extremity (Small Group Discussions)

Wednesday, September 9,
2020, 18:30–20:00 CEST
Recurring for 7 more weeks

Online

EVENT PROGRAM

Mission

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

Purpose statement

AO Trauma is committed to improve patient care outcomes through the highest quality education. We strive to combine the right knowledge and surgical skills that empower the orthopedic and trauma surgeons to put theory into practice and to improve fracture management for the benefit of the patient.

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

Dear AO Trauma course participant,

We are honored to welcome you to the AO Trauma Online Small Group Discussions—Upper Extremity. We hope you will enjoy your online discussions and the entire experience.

What is AO Trauma? We are a "clinical division"—a community for trauma and orthopedics within the AO Foundation. As a clinical division we aim to integrate and align applied and clinical research, education, and community development functions into one direction—AO Trauma for the benefit of our members, stakeholders, and patients.

How can AO Trauma benefit you? By working as a single team, we focus and leverage our resources, expertise, and skills to create and deliver new and greater value to our members.

Why join AO Trauma? Joining AO Trauma means you are part of the trauma and orthopedic community within the AO. AO Trauma will help you develop lifelong friendships and relationships. We will help you access our "knowledge network" and take part in new opportunities that advance trauma care.

Yours sincerely,



Wa'el Taha
Chairperson AO Trauma
Education Commission



Michael Baumgaertner
Chairperson AO Trauma
International Board

Your experiences with us, over the next few days, will result in the realization of new and meaningful knowledge, skills, and understanding that we hope will translate into improved patient care.

Event description and structure

During September and October 2020, AO Trauma offers an online event to 50 surgeons from Europe and Southern Africa and 50 surgeons from Middle East and Northern Africa. The event is a series of 8 weekly online small group discussions (90 minutes each on Wednesday evenings at 18:30 CET) covering content from the upper extremity curriculum. Each week consists of a lecture and a set of prepared cases to be discussed online. Experienced international faculty will moderate the small groups (5 participants with 1 faculty, 10 participants with 2 faculty).

Goal of the course

Participants will learn the current management of patient pain, dysfunction, deformity, and cosmesis related to trauma of the upper limb (fractures from the sternoclavicular joint to the fingertip).

Target participants

Orthopedic and trauma surgeons with at least 3 years of experience who want to develop expertise in upper extremity fracture care or surgeons with many years of experience who want to update their knowledge (who have completed the AO Trauma Advanced Principles Course several years earlier). Participants must be able to discuss cases in English and must use a webcam with a headset microphone and have a good internet connection. To receive the certificate of completion, participants must attend at least 7 of the 8 modules.

Learning objectives

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

- Perform an appropriate assessment of the patient with trauma to upper extremity
- Identify the optimal way to gather all required information (and apply quality criteria)
- Perform a thorough, stepwise analysis of the problem
- Identify the advantages and disadvantages of the treatment options
- Develop a comprehensive plan based on the needs of the patient, the injury, the patient factors, and the available surgical options

Chairpersons

Stefaan Nijs

UZ Leuven, Leuven, Belgium

Ashraf Moharram

Cairo University, Giza, Egypt

Faculty

Ghassan Sultan	Alami	Abdali Hospital	Amman	Jordan
Saad Hashem	Aldosari	King Saud University	Riyadh	Saudi Arabia
Hashem	Alqahtani	King Fahd University Hospital		Saudi Arabia
Rohit	Al-Qdhah	Jordan Hospital	Amman	Jordan
Reto	Arora	Medical University Innsbruck	Innsbruck	Austria
Frank	Babst	Kantonsspital Luzern	Luzern 16	Switzerland
Murat	Beerers	Kantonsspital Luzern	Luzern	Switzerland
Paul	Bilici	University Hospital Basel	Basel	Switzerland
Jorge FP	Binhammer	University of Toronto and Sunnybrook Health Sciences Centre	Toronto	Canada
George	Boretto	Hospital Italiano de Buenos Aires	Ciudad Aut	Argentina
Carl	du Plessis	Life Rosepark Hospital	Bloemfontein	South Africa
Rami	Dyer	Brigham and Women's Hospital and Massachusetts General Hospital	Boston	USA
Mohamed	Ekholm	Sahlgrenska University Hospital	Göteborg	Sweden
Ziyad	El Abyad	Hotel Dieu de France Hospital	BeirutLebanon	
Denise	El-Mahy	Ain Shams University	Cairo	Egypt
Tobias	El-Qirem	King Hussein Medical Center	Amman	Jordan
Martin	Eygendaal	Amphia Hospital	Breda	Netherlands
Harry	Helfen	LMU München	Munich	Germany
Christian	Hessmann	Klinikum Fulda	Fulda	Germany
Martin	Hoyen	MetroHealth Medical Center	Cleveland	USA
Odette	Kammerlander	Ludwig Maximilian University Munich	Munich	Germany
Franz	Kloub	Hospital Ceske Budejovice	Ceske Budejovice	Czech Republic
Ayman	Koch	1 Military Hospital/ Netcare Pretoria East Hospital	Pretoria	South Africa
Abdel-Hakim	Kralinger	Krankenhaus Ottakring	Wien	Austria
Diane	Mansour	Kasr El Aini Medical Hospital, Cairo University	Cairo	Egypt
Daniel	Massoud	El-Hussein University Hospital	Cairo	Egypt
Sami	Nam	University of Toronto and Sunnybrook Health Sciences Centre	Toronto	Canada
Johan	Rikli	Universitätsspital Basel	Basel	Switzerland
Inger	Roukoz	Hotel Dieu de France	Beirut	Lebanon
Lee	Scheer	University Hospital Linköping	Linköping	Sweden
Kilian	Schipper	Leiden University Medical Center	Leiden	Netherlands
	van Rensburg	Cambridge University Hospital NHS Trust	Cambridge	UK
	Wegmann	Uniklinikum Köln	Köln	Germany

Modules

(90 mins every Wednesday over 2 months)

Wednesday

September 9, 2020

Module 1

Moderator: Franz Kralinger

Clavicle (online)

18:30–18:40	Clavicle overview	F Kralinger
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18:40–20:00	Discussion group (cases)	
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1. Operative treatment of a diaphyseal fracture
2. Failed treatment of a diaphyseal clavicle fracture
3. Lateral clavicle fracture (and associated injuries)

All faculty (in pairs)

Wednesday

September 16, 2020

Module 2

Moderator: FP du Plessis

Scapula (online)

18:30–18:40 Scapula overview FP du Plessis

18:40–20:00 **Discussion group (cases)**

1. Displaced scapular body fracture
2. Anterior instability
3. Floating shoulder

All faculty (in pairs)

Wednesday

September 23, 2020

Module 3

Moderator: Martin Kloub

Proximal humerus (online)

18:30–18:40 Proximal humerus overview

M Kloub

18:40–20:00 **Discussion group (cases)**

1. Multimorbid, frail patient with complex fracture
2. Loss of reduction
3. Implant cutout

All faculty (in pairs)

Wednesday

September 30, 2020

Module 4

Moderator: Sami Roukoz

Humeral shaft (online)

18:30–18:40	Humeral shaft overview	S Roukoz
18:40–20:00	Discussion group (cases) <ol style="list-style-type: none">1. Transverse fracture with radial nerve palsy2. Long oblique fracture3. Fracture of the distal humeral shaft	All faculty (in pairs)

Wednesday

October 7, 2020

Module 5

Moderator: Lee van Rensburg

Distal humerus (online)

18:30–18:40 Distal humerus overview L van Rensburg

18:40–20:00 **Discussion group (cases)**

1. Low supracondylar fracture in osteoporotic patient
2. Intercondylar fracture of distal humerus
3. Multi-fragmentary proximal ulnar fracture

All faculty (in pairs)

Wednesday

October 14, 2020

Module 6

Moderator: Denise Eygendaal

Elbow and radial and ulnar shaft (online)

18:30–18:40 Elbow overview D Eygendaal

18:40–20:00 **Discussion group (cases)**

1. Simple elbow dislocation
2. Complex fracture-dislocation of the elbow
3. Complex open multi-fragmentary forearm fracture

All faculty (in pairs)

Wednesday

October 21, 2020

Module 7

Moderator: Diane Nam

Distal radius and ulna (online)

18:30–18:40 Distal radius and ulna overview

D Nam

18:40–20:00 **Discussion group (cases)**

1. Radiocarpal fracture dislocation (dorsal)
2. Complex multifragmentary articular fracture
3. Ulnar extraarticular fracture

All faculty (in pairs)

Wednesday

October 28, 2020

Module 8

Moderator: Paul Binhammer

Carpus and hand (online)

18:30–18:40 Carpus and hand overview

P Binhammer

18:40–20:00 **Discussion group (cases)**

1. Scaphoid fracture
2. Perilunate fracture dislocation
3. Fifth metacarpal extraarticular fracture (Boxer's)

All faculty (in pairs)

Event organization

AOTrauma Education

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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.

Event information and logistics

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.

General information

Event fee

AO Trauma Online Small Group Discussions—Upper Extremity: CHF 150 for members / CHF 250 for non-members

Disclosures and conflicts of interest

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

<http://AOTRAUMA10013034.aotrauma.org>

Evaluation guidelines

All AO Trauma 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 Trauma 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.

Recording, photographing, or copying of 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.

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.



Share your passion and join the **AO Trauma community**



AO Trauma is the **leading global orthopedic trauma network** with a unique culture of surgeon leadership, camaraderie, volunteerism, and mutual respect.



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