

AO Trauma World Meeting AO Trauma Online Masters Course— **Shoulder Trauma**

September 7-9,
2020

Every day
12:00-16:00 CET

EVENT PROGRAM



Home to
trauma and
orthopedics

Mission

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

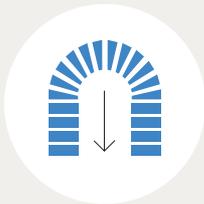
The AO principles of fracture management

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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Welcome

Dear AO Trauma course participant,

Sharing a world of knowledge

Welcome to the AO Trauma World Meeting 2020—Online masters courses. AO Trauma has designed a new path-breaking framework that will allow you to join our gold-standard education wherever you are. We are pleased to introduce this innovative learning experience to you that will lead the way into the future of digital education.

With a global reputation for innovation, leadership, and excellence in Continuing Medical Education (CME), AO Trauma and the AO Education Institute are transforming education. AO Trauma is constantly expanding its portfolio of educational activities available to you. Continuing Medical Education is not just about face-to-face courses. Portfolios address the specific clinical problems that you encounter every day. Visit the AO Trauma home page (www.aotrauma.org) to sample the new assets which are being added constantly.

Your current level of knowledge and attitudes will be challenged throughout the next three days. The best-in-class curriculum and faculty will provide you with a memorable learning experience that will remain with you for a lifetime.

If you enjoy the experience during this week and would like to stay in touch with AO Trauma, we invite you to become a member. Membership for medical doctors (and DO's) requires only a completed AO Trauma Basic Principles Course and the payment of a reasonable yearly fee.

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 and understanding that we hope will translate into improved patient care.

Course description

A combination of evidence-based lectures and small-group case discussions will be used to deliver the content to improve knowledge and skills in the key surgical techniques and in related care. Active engagement by all participants is critical to the effective delivery of this educational event.

Course structure

This online course is delivered on 3 consecutive days from 12:00 to 16:00 CET (different modules each day consisting of presentations, small group discussions, and other activities). Participants will join online from home for 4 hours each day, and adequate break times will be integrated.

Goal of the course

Participants will learn the current management of patient pain, dysfunction, deformity, and cosmesis related to trauma of the shoulder. Fractures from the sternoclavicular joint to the humeral shaft will be covered as well as joint injuries and dislocations and soft-tissue injuries (the acute trauma phase and the posttraumatic sequelae such as malunion, nonunion, infection, etc).

Target participants

Orthopedic, trauma, and shoulder surgeons with at least 5 years of experience who want to update their expertise and want to manage complications and more complex cases. Participants should have completed the AO Trauma Courses—Advanced Principles of Fracture Management and must be able to communicate well in English.

Learning objectives

Upon completion of the course, participants should be able to:

- Perform an appropriate assessment of the patient with trauma to the shoulder
- Identify the minimal quality requirements for each assessment tool and the optimal way to gather the required information
- Perform a thorough, stepwise analysis of the problem (what is the mechanical, biological, and soft-tissue situation and problem)
- Identify the advantages and disadvantages of the treatment options and decide with the patient what is the best for their specific needs
- Develop a comprehensive plan based on the needs of the patient, the injury, the patient factors, and the available surgical options
- Complete the plan (perform operative procedures and nonoperative care)
- Provide and communicate overall care, integrating the team, family, and supporting care system

Chairpersons



Stefaan Nijs
University Hospital
Gasthuisberg, Leuven,
Belgium



Ashraf Moharram
Cairo University,
Giza, Egypt

Faculty

Ziyad El-Qirem	King Hussein Medical Center	Amman	Jordan
Harry Hoyen	Case Western Reserve University, Metro Health Medical Center	Cleveland	USA
Martin Jaeger	Universitätsklinikum Freiburg	Freiburg	Germany
Martin Kloub	Hospital Ceske Budejovice	Ceske Budejovice	Czech Republic
Franz Kralinger	Wilhelminenspital	Wien	Austria
Simon Lambert	University College London Hospital NHS Foundation Trust	London	UK
Wilson Li	Queen Elizabeth Hospital	Kowloon	Hong Kong
Diane Nam	Sunnybrook Health Sciences Centre	Toronto	Canada
Martin Richardson	University of Melbourne	Melbourne	Australia
Fabio Suárez Romero	Hospital Militar Central	Bogotá	Colombia

Monday

September 7, 2020

12:00–12:10	Welcome and introduction of the course format and today's module	S Nijs, A Moharram
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Module 1

Moderator: F Kralinger

Clavicle and acromioclavicular (AC) joint

12:10–12:25	Clavicle overview	F Suárez Romero
12:25–12:40	AC joint overview	H Hoyer
12:40–12:45	Change to virtual discussion groups	
12:45–13:55	Discussion group Clavicle and AC joint	All faculty
13:55–14:00	Question and answer session	F Kralinger
14:00–14:15	Coffee break	

Module 2

Moderator: F Suárez Romero

Scapula

14:15–14:30	Scapula overview	M Jaeger
14:30–14:45	Video presentation—approaches and reduction of the scapula	S Nijs, M Jaeger
14:45–14:50	Change to virtual discussion groups	
14:50–15:50	Discussion group Scapula	All faculty
15:50–16:00	Question and answer session	F Suárez Romero

Tuesday

September 8, 2020

12:00-12:05	Introduction of today's module	S Nijs, A Moharram
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Module 3

Moderator: Z El-Qirem
Proximal humerus

12:05-12:20	Proximal humerus overview	M Richardson
12:20-12:25	Change to virtual discussion groups	
12:25-13:45	Discussion group Proximal humerus	
13:45-13:50	Question and answer session	Z El-Qirem
13:50-14:10	Coffee break	

Module 4

Moderator: M Richardson
Humeral shaft

14:10-14:25	Humeral shaft overview	M Kloub
14:25-14:30	Change to virtual discussion groups	
14:30-15:50	Discussion group Humeral shaft	All faculty
15:50-16:00	Question and answer session	M Richardson

Wednesday

September 9, 2020

12:00–12:05	Introduction of today's module	M Richardson
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Module 5

Moderator: M Kloub

Complications

12:05–12:20	Malunion in the proximal humeral neck and tuberosity	S Nijs
12:20–12:35	Salvage of proximal humeral fractures	F Kralinger
12:35–12:40	Change to virtual discussion groups	
12:40–13:40	Discussion group Complications	All faculty
13:40–14:00	Coffee break	
14:00–14:15	Stiff shoulder	S Lambert
14:15–14:20	Question and answer session	M Kloub
14:20–14:25	Change to virtual discussion room	

Module 6

Moderator: A Moharram

Meet the experts

14:25–15:10	Panel discussion—clavicle and AC joint	All faculty
15:10–15:50	Panel discussion—proximal humeral fractures	All faculty
15:50–16:00	Evaluation, summary of the course, and take-home messages	S Nijs, A Moharram

Event organization

AO Trauma 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.

General information

Event fee

AO Trauma Online Masters Course—Shoulder Trauma: CHF 100.
Included in the course fee are conference documentation and course certificate.

Disclosures and conflicts of interest

Disclosure information and potential conflicts of interest (COI) can be viewed at the event webpage:
<http://AOTRAUMA10010974.aotrauma.org>

Course certificates

The course certificates will be available at the end of the event.

Evaluation guidelines

All AO Trauma events apply the same evaluation process, which includes pre- and post-event online evaluation and on-site 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 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.

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 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.

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

Belong to a unique orthopedic trauma network



Get involved and shape the future of AO Trauma



Discover the exclusive AO Trauma **content**



Develop your personal and professional career



Share and exchange your knowledge

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

