AO TRAUMA

AO Trauma Seminar— **Upper limb—Fractures around the Shoulder, Humerus and Elbow**

November 17, 2022

Yerevan, Armenia

PROGRAM

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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.

Welcome

Dear AO Trauma Seminar participant,

Welcome to the AO Trauma Seminar—Upper limb—Fractures around the Shoulder, Humerus and Elbow, which is planned and delivered to meet your needs.

AO Trauma's innovative approach to education has been further strengthened as a result of the successful collaboration with the AO Education Institute in the application of state-of-the-art educational concepts in curriculum planning and all faculty development programs.

This seminar is one of our many educational activities for providing lifelong learning, from the Residents Education Program through to specialized Continuing Professional Development (CPD) for practicing surgeons and clinicians.

We believe that your active engagement in this seminar will result in improved care for your patients. Your current level of knowledge and skills will be challenged by the activities and throughout the entire event. We are confident that the combination of education principles and relevant content from our curriculum, as well as your interaction with colleagues and expert faculty will provide an effective learning experience that meets your needs.

We hope you enjoy the course and benefit from the networking opportunities it provides for you to share experiences with your colleagues.

Mark Reilly
Chairperson
AO Trauma
Education Commission

Mike Baumgaertner
Chairperson
AO Trauma
International Board

Seminar description

Best evidence is presented through interactive lectures and many cases are included to facilitate open panel discussions. Personal preferences will be expressed and treatment options for specific problems shall be presented and discussed.

Goal of the seminar

This seminar aims to provide an up-to-date overview of current concepts in the management of common fractures of shoulder, humerus and elbow. The seminar will also include interactive case-based teaching.

Target participants

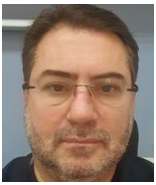
AO Trauma Seminar—Upper limb—Fractures around the Shoulder, Humerus and Elbow is targeted at physicians in surgical training as well as established trauma surgeons wishing to update and develop their skills and knowledge.

Learning objectives

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

- Describethe principles of fracture anatomy and imaging
- Choose appropriate surgical tactics for simple and complex fractures
- Apply modern fixation techniques to these fractures

Chairperson



Karen Martirosyan
SlavMed MC
Yerevan, Armenia

National faculty

Ara Ayvazyan, Pediatric traumatology and orthopedics department, Yrevan, Armenia

Gagik Bdoyan, Erebouni Medical Center, Yerevan, Armenia

Grigori Karapetyan, Medical Center Armenia, Yerevan, Armenia

Regional faculty

Anna Ekman, Dpt of Orthopaedic surgery, Södersjukhuset, Stockholm, Sweden

Martin Kloub, Hospital Ceske Budejovice, Ceske Budejovice, Czech Republic

Alexander Sitnik, Belarus Republic Scientific and Practical Center for Traumatology, Minsk, Belarus

Thursday
November 17, 2022

Module 1
Clavicle and AC joint injuries

09:45–09:55	Assessment and indications for fixation-clavicle	M Kloub
09:55–10:05	Evidence base for operative intervention	K Martirosyan
10:05–10:15	Assessment and indications for fixation-acromio-clavicular joint	K Martirosyan
10:15–10:35	Case discussion	M Kloub
10.35–11.00	Coffee break	

Module 2
Proximal humerus

11:00–11:10	Assessment and imaging	G Bdoyan
11:10–11:25	Surgical approaches	A Sitnik
11:25–11:40	Operative vs non-operative management	G Karapetyan
11:40–11:50	Internal fixation vs arthroplasty	G Karapetyan
11:50–12:05	Evidence base for management	M Kloub
12:05–12:25	Case discussion	M Kloub
12.25–13.30	Lunch	

Module 3
Humeral shaft

13:30–13:40	Indications for operative management	A Ayvazyan
13:40–13:55	Surgical approaches	G Bdoyan
13:55–14:05	Nail vs plate fixation	M Kloub
14:05–14:25	Case discussion	M Kloub
14:25–14:45	Coffee break	

Module 4
Elbow

14:45–14:55	Role of elbow arthroplasty in trauma	A Ekman
14:55–15:10	Periprosthetic fractures	A Ekman
15:10–15:20	Assessment and imaging	K Martirosyan
15:20–15:30	Paediatric elbow fractures	A Sitnik
15:30–15:40	Distal humerus – Partial articular fractures	M Kloub
15:40–15:50	Distal humerus – Complete articular fractures	M Kloub
15:50–16:00	Olecranon fractures	A Ayvazyan
16:00–16:15	Monteggia injuries	A Ayvazyan
16:15–16:25	Radial head fractures	A Sitnik
16:25–16:35	Case discussion	M Kloub

Event information

Organization
Anja Sutter
Clavadelerstrasse 8
7270 Davos Platz
Phone +41 79 758 52 69
E-mail anja.sutter@aofoundation.org

Participants' contact:
AO Global Events Services
E-mail aoges.emea@aofoundation.org

Registration fee
Standard Ticket: USD 50
Included in the course fee are documentation, coffee breaks, lunch break and course certificate

Language
Armenian

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 and/or skills training if educationally necessary.

Venue

Yerevan Place Hotel
26, 1 Vazgen Sargsyan St
0010, Yerevan
Phone: +37411221234
https://yerevanplace.com

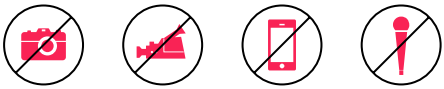
General information

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 Traumas 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 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.

No 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.

Dress code
Casual

Sponsor

We thank our major industry partner DePuy Synthes for providing an unrestricted educational grant for this event.

DePuy Synthes
THE ORTHOPAEDICS COMPANY OF Johnson & Johnson

Notes

Notes

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 (www.advamed.org)
- Mecomed Guidelines on Interactions with Healthcare Professionals (www.mecomed.com)

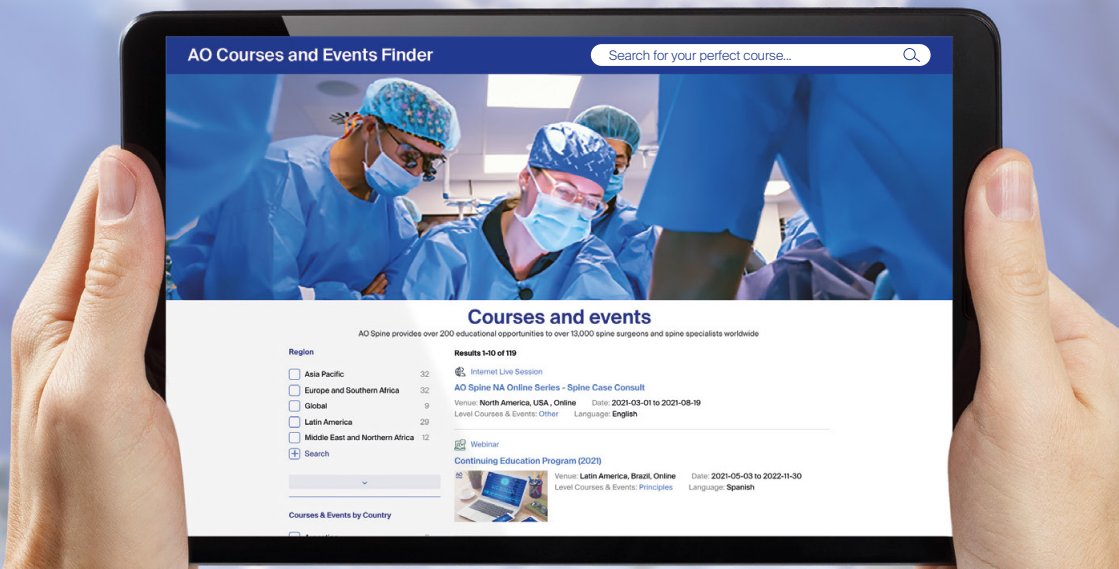
3. Branding and advertising
No industry logos or advertising (apart from the AO Foundation and its clinical divisions) are permitted in the area where educational activities take place.

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.

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**

www.aofoundation.org/our-courses-and-events/course-finder

More information at **www.aofoundation.org**

Transforming Surgery– Changing Lives

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Apply
for membership
www.aotrauma.org

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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