


# AO Trauma Masters Course— Management of Fractures of the Hand and Wrist

Course with anatomical specimen dissection

June 8–9,  
2022

Szeged,  
Hungary

PROGRAM

A photograph showing three surgeons in an operating room. They are wearing blue surgical gowns, blue bouffant caps, and blue gloves. The central surgeon is looking down intently at a surgical site. The two flanking surgeons are also focused on the task. The background is a sterile, brightly lit surgical environment.

Home to  
trauma and  
orthopedics

# Mission

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

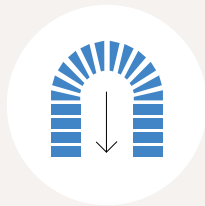
## The AO principles of fracture management

1



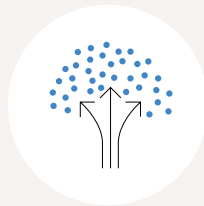
Fracture reduction and fixation to restore anatomical relationships.

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.

# Content

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# Welcome

Dear AO Trauma course participant,

We are honored to welcome you to the AO Trauma Masters Course—Management of Fractures of the Hand and Wrist with Anatomical Specimens. We hope you will enjoy your course 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,



**Mark Reilly**  
Chairperson AO Trauma  
Education Commission



**Mike 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.

## Course description

The AO Trauma Masters Course—Management of Fractures of the Hand and Wrist with Anatomical Specimens is a highly interactive environment where participants are encouraged to apply and discuss the principles, skills, and techniques for treating hand and wrist injuries. The course will concentrate on internal fixation of fractures as well as skeletal reconstruction procedures. At the conclusion of the course, participants will have a broader and better understanding of how, when, and where to apply their knowledge in their clinical practice.

The course will be taught in a modular format. Each module consists of a small number of short evidence-based lectures, which will cover the key information required. Case discussions in small groups as well as panel discussions will help participants to understand decision-making and management skills. At the anatomical specimen laboratory participants are trained in the application of different techniques and approaches.

## Goal of the course

The AO Trauma Masters Course—Management of Fractures of the Hand and Wrist with Anatomical Specimens aims to create a clinically centered learning environment where principles and techniques of internal fixation in patients with hand and wrist problems can be understood, applied, and demonstrated appropriately to improve the quality of outcomes.

## Target participants

Medical practitioners engaged in the field of hand and wrist surgery. They must actively be involved in trauma management.

Participants ideally have completed the AO Trauma Basic and Advanced Principles of Fracture Management Course. Participants must be willing to share their ideas and be able to communicate well in English.

## Learning objectives

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

- Define treatment strategies for articular distal radius fractures
- Execute appropriate patient selection for operative treatment in elderly patients
- Identify potential complications in the treatment of distal radius fractures and define strategies to avoid them
- Recognize complications and execute surgical procedures for salvage
- Understand complex carpal injuries

## Chairperson

## Overall chairperson



**Matej Kastelec**  
University Medical Centre  
Ljubljana, Slovenia



**Daniel Rikli**  
University hospital Basel,  
Switzerland



**Endre Varga**  
University of Szeged,  
Szeged, Hungary

## Regional faculty

<b>Tomo Havlicek</b>	University Medical Center	Ljubljana	Slovenia
<b>Sorin Iordache</b>	Western Galilee Medical Center	Naharia	Israel
<b>Mehmet Demirtas</b>	Ankara University	Ankara	Turkey
<b>Michael Schmelz</b>	Kantonsspital Olten	Olten	Switzerland

## Wednesday

June 8, 2022

08:00–08:05	Welcome and introduction	M Kastelec, D Rikli
08:05–08:10	Location change	

### Module 1

**Moderator: D Rikli**

### Distal radius fractures in the elderly

08:10–09:10	<b>Discussion group 1</b> <b>Fractures in the elderly</b>	All Faculty
09:10–09:15	Location change	
09:15–09:30	Distal radius fractures in the elderly	M Kastelec
09:30–09:45	Coffee break	

# Wednesday

June 8, 2022

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## Module 2

**Moderator: T Havlíček**

### Articular distal radius fractures

09:45–10:55	<b>Discussion group 2 Articular fractures</b>	All faculty
10:55–11:00	Location change	
11:00–11:15	Criteria for operative treatment in articular distal radius fractures	D Rikli
11:15–11:30	Strategies for internal fixation in articular distal radius fractures	M Schmelz
11:30–11:35	Location change	

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## Module 3

**Moderator: M Schmelz**

### Recognition of complications in distal radius fractures

11:35–13:00	<b>Discussion group 3 Complications</b>	All faculty
13:00–14:00	Lunch break	
14:00–14:15	Complications after operative treatment of distal radius fractures	M Schmelz
14:15–14:30	Intraoperative fluoroscopy during distal radius fracture surgery	D Rikli
14:30–14:35	Location change	

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## Module 4

**Moderator: M Demirtas**

### Distal radius malunion

14:35–15:35	<b>Discussion group 4 Malunion</b>	All faculty
15:35–15:50	Coffee break	
15:50–16:05	Corrective osteotomy of malunited distal radius fracture	T Havlíček
16:05–16:20	Salvage procedures	M Demirtas
16:20–16:25	Location change	

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## Module 5

**Moderator: M Kastelec**

### Carpal injuries

16:25–17:25	<b>Discussion group 5 Carpal injuries</b>	All faculty
17:25–17:30	Location change	
17:30–17:45	Complications after scaphoid fractures	S Lordache
17:45–18:00	Perilunate injuries	M Kastelec
18:00	Questions and wrap up	M Kastelec



# Thursday

June 9, 2022

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07:30–08:00 TRANSFER FROM THE HOTEL

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08:00–09:30 **Anatomical specimen lab 1**

- Palmar approach, variants, extensions
- Dorsal approach, variants, extensions
- Preparation of ulnar side of the wrist

M Schmelz  
D Rikli  
T Havlíček

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09:30–09:45 Coffee break

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09:45–12:00 **Anatomical specimen lab 2**

- Palmar plating
- Intraoperative fluoroscopy
- Dorsal double plating
- Extensor indicis transfer for EPL-Rupture

M Schmelz  
D Rikli  
M Kastelec  
T Havlíček

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12:00–12:45 Lunch break

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12:45–14:30 **Anatomical specimen lab 3**

- Corrective osteotomy of distal radius (palmar)
- Ulnar shortening osteotomy
- Sauvéé Kapandji

M Demirtas  
S Iordache  
S Iordache

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14:30–14:45 Coffee break

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14:45–15:45 **Anatomical specimen lab 4**

- Approaches to the carpus (dorsal, palmar)
- Create and repair carpal instability

M Kastelec  
M Kastelec

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15:45–16:00 Summary / end of the course

M Kastelec, D Rikli

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16:00–16:30 TRANSFER BACK TO THE HOTEL

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# Event information

## Organization

### AO Trauma Europe and Southern Africa

Anja Sutter  
Clavadelerstrasse 8  
7270 Davos Platz,  
Switzerland  
Phone +41 81 414 27 25  
E-mail [anja.sutter@aofoundation.org](mailto:anja.sutter@aofoundation.org)

## Participants' contact:

E-mail [aoges.emea@aofoundation.org](mailto:aoges.emea@aofoundation.org)

## Registration fee

AO Trauma Masters Course—Management of Fractures of the Hand and Wrist with Anatomical Specimens:  
EUR 850.00  
Included in the course fee are conference bag with documentation, coffee breaks, cocktail reception, and course certificate.

## Language

English

## European CME accreditation

For this event the UEMS-EACCME® in Brussels have granted 13 European CME credits (ECMEC).

## 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 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.

## Disclosures and conflicts of interest

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

# Venue

## For presentations and small group discussions:

Szegedi Tudományegyetem  
József Attila Tanulmányi és Információs Központ  
6722 Szeged, Ady tér 10., Hungary  
<https://u-szeged.hu/tik/elerhetosegek/elerhetosegek>

## For the Pathology:

SZTE ÁOK Szent-Györgyi Albert Klinikai Központ -  
Pathológiai Intézet.  
6725 Szeged, Állomás u. 1., Hungary  
<http://www.klinikaikozpont.u-szeged.hu/pathologia/index.php/en/>

## Accommodation for participants

### Art Hotel Szeged

H-6720 Szeged, Somogyi u. 16.  
+36 62 592 888  
[repcio@arthotelszeged.hu](mailto:repcio@arthotelszeged.hu)

# 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 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](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.

## No insurance

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

# 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.

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

**Apply**

for membership  
[www.aotrauma.org](http://www.aotrauma.org)

**Belong** to a  
unique orthopedic  
trauma network



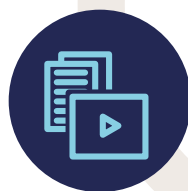
**Get involved**  
and shape the  
future of AO Trauma



**Global  
network**



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.



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