

Event program

# AOTrauma Europe Masters Course— Operative Fragility Fracture Management

**Course with Anatomical Specimen Dissection**

June 7–8, 2018 Innsbruck, Austria



Home to  
Trauma &  
Orthopedics



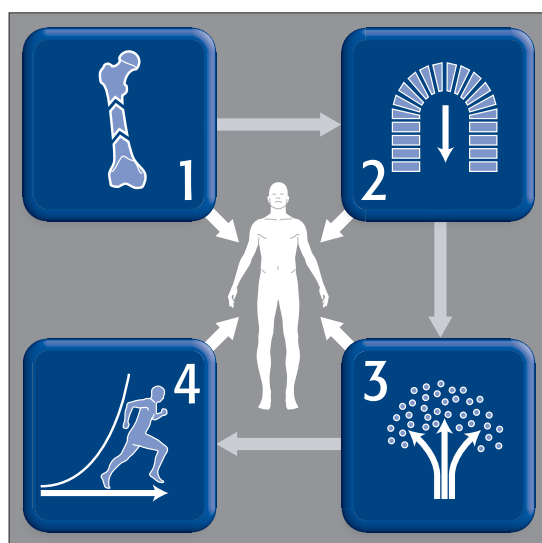
## Value statement

AOTrauma 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

Fracture reduction and fixation to restore anatomical relationships.

Early and safe mobilization and rehabilitation of the injured part and the patient as a whole.



Fracture fixation providing absolute or relative stability, as required by the "personality" of the fracture, the patient, and the injury.

Preservation of the blood supply to soft-tissues and bone by gentle reduction techniques and careful handling.

The first AO Course was held in Davos in 1960—these early courses pioneered psychomotor techniques by teaching practical skills of AO Techniques. Since those early days over 455,000 surgeons and 155,000 ORP staff from over 110 countries have attended AO Courses.

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## Welcome

### Dear AOTrauma course participant,

We are honored to welcome you to the AOTrauma Europe Masters Course—Operative Fragility Fracture Management. We hope you will enjoy your course and the entire experience.

**What is AOTrauma?** 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—AOTrauma for the benefit of our members, stakeholders, and patients.

**How AOTrauma benefits 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.

**What does this mean in education?** AOTrauma is committed to providing you the best possible educational experience by continuously embracing and introducing new educational techniques to help you learn and more effectively implement your knowledge for the benefit of your patients.

**Why join AOTrauma?** Joining AOTrauma means you are part of the trauma and orthopedic community within the AO. AOTrauma 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 AOTrauma  
Education Commission



**Kodi Kojima**  
Chairperson AOTrauma  
International Board



**Jonathan Monk**  
Chairperson AOTrauma  
EU Education Committee

**PS:** 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.

## Goal of the course

The AOTrauma Europe Masters Courses 2018 address current concepts and state-of-the-art treatment options in orthopedic trauma. Each course covers one or more topics and has been planned based on the common and critical patient problems related to the specific topic.

## Learning objectives

At the end of the course, participants should be able to:

- Surgically manage fragility fractures either with osteosynthesis or arthroplasty techniques
- Perform state of the art fixation in osteoporotic fractures to avoid revision surgeries
- Explain how to manage complications
- Aim for early restoration of musculoskeletal function, functionality, independence, and prefracture quality of life
- Recognize and address comorbidities and polypharmacy including anticoagulation during preoperative optimization through to postoperative follow-up
- Integrate co-managed care in orthogeriatric fracture management

## Target participants

General trauma surgeons and orthopedic surgeons who want to:

- Improve their surgical and medical care of patients with fragility fractures
- Make improvements in their hospital's and department's approach to fracture care in older adults

Participants should be actively involved in fragility fracture care and should have completed the AOTrauma Courses—Basic Principles and Advanced Principles of Fracture Management.

## Course description

A combination of case discussions, anatomical specimen labs, and evidence-based lectures will be used to deliver the content. Indications and techniques in osteoporotic fracture care will be discussed and practiced. The principles and advantages of co-managed care approach will be identified.

Facilitated by an expert Faculty consisting of both surgeons and medicine physicians, an important focus will be placed on group discussions and hands-on.

## Chairpersons



**An Sermon**

UZ Gasthuisberg  
Leuven, Belgium



**Martin Hessmann**

Academic Teaching Hospital Fulda  
Fulda, Germany

## Regional Faculty

Marco Berlusconi	Istituto Clinico Humanitas	Milano	Italy
Z. Ugur Isiklar	Memorial Hospitals, Istanbul	Istanbul	Turkey
Christian Kammerlander	Ludwig Maximilian University Munich	Munich	Germany
Katrin Singler	Klinikum Nürnberg	Nürnberg	Germany

## National Faculty

Yvonne Hoffmann-Weltin	Innsbruck Medical University	Innsbruck	Austria
Thomas Luger	Innsbruck Medical University	Innsbruck	Austria



## Thursday, June 7, 2018

TIME	AGENDA ITEM	WHO
08:00–08:30	Participant registration	
08:30–08:45	Welcome and introduction to the course	A Sermon, M Hessmann
<b>Module 1</b>	<b>Proximal femur</b>	<b>Moderator: A Sermon</b>
08:45–09:30	<b>Plenary case discussion 1</b>	A Sermon
09:30–09:40	LOCATION CHANGE TO THE ANATOMICAL LABORATORY AND TO THE DISCUSSION GROUPS—SPLIT INTO TWO GROUPS	
09:40–11:00	<b>RED GROUP</b> <b>Anatomical specimen laboratory</b> <ul style="list-style-type: none"> <li>• Anterior approach to the hip</li> <li>• Creation of an intertrochanteric fracture</li> <li>• Fracture fixation with TFNA</li> <li>• Master table demonstration of augmentation</li> </ul>	U Isiklar M Berlusconi A Sermon
09:40–11:00	<b>GREEN GROUP</b> <b>Discussion group 1</b> <ul style="list-style-type: none"> <li>• How to deal with complications</li> <li>• Periprosthetic femoral fractures</li> <li>• Atypical femoral fractures</li> <li>• Prevention of fixation failures by the use of augmentation</li> </ul>	M Hessmann, C Kammerlander, K Singler, Y Hoffmann-Weltin, T Luger
11:00–11:20	COFFEE BREAK	
11:20–11:40	Osteoporosis—diagnosis, treatment and secondary fracture prevention	C Kammerlander
11:40–12:00	Comorbidity and perioperative optimization	K Singler
12:00–12:10	LOCATION CHANGE TO THE ANATOMICAL LABORATORY AND TO THE DISCUSSION GROUPS—SPLIT INTO TWO GROUPS	
12:10–13:30	<b>GREEN GROUP</b> <b>Anatomical specimen laboratory</b> <ul style="list-style-type: none"> <li>• Anterior approach to the hip</li> <li>• Creation of an intertrochanteric fracture</li> <li>• Fracture fixation with TFNA</li> <li>• Master demonstration of augmentation</li> </ul>	U Isiklar M Berlusconi A Sermon
12:10–13:30	<b>RED GROUP</b> <b>Discussion group 1</b> <ul style="list-style-type: none"> <li>• How to deal with complications</li> <li>• Periprosthetic femoral fractures</li> <li>• Atypical femoral fractures</li> <li>• Prevention of fixation failures by the use of augmentation</li> </ul>	M Hessmann, C Kammerlander, K Singler, Y Hoffmann-Weltin, T Luger
13:30–14:00	LUNCH BREAK	

## Thursday, June 7, 2018

TIME	AGENDA ITEM	WHO
14:00–14:10	Femoral neck fracture fixation in elderly patients—what is the best option? (evidence)	M Berlusconi
14:10–14:20	Intertrochanteric fracture fixation—plate versus nail (evidence)	C Kammerlander
14:20–14:30	How to overcome reduction problems in subtrochanteric fractures—tips and tricks	A Sermon
14:30–14:40	Discussion and conclusion of module 1	A Sermon
<b>Module 2</b>	<b>Pelvis and spine</b>	<b>Moderator: M Hessmann</b>
14:40–16:00	<b>Plenary case discussion 2</b> <b>Osteoporotic fractures of the pelvis, acetabulum and vertebral column</b>	M Hessmann, C Kammerlander
16:00–16:20	COFFEE BREAK	
16:20–16:35	Operative treatment of pelvic and acetabular fractures in the elderly—indications and surgical techniques	M Hessmann
16:35–16:50	Vertebral column fractures—when and how to operate?	C Kammerlander
16:50–17:05	General principles of anticoagulation and bleeding disorders	Y Hoffmann-Weltin
17:05–17:20	General principles of pain management	T Luger
17:20–17:40	Discussion and conclusion of module 2	M Hessmann
17:40–17:45	Summary of the day, evaluation	A Sermon, M Hessmann

## Friday, June 8, 2018

TIME	AGENDA ITEM	WHO
<b>Module 3</b>	<b>Upper extremity</b>	<b>Moderator: U Isiklar</b>
09:00–09:30	<b>Plenary case discussion 3</b> <b>Osteoporotic fractures of the humerus</b>	U Isiklar
09:30–09:40	LOCATION CHANGE TO THE ANATOMICAL LABORATORY AND TO THE DISCUSSION GROUPS—SPLIT INTO TWO GROUPS	
09:40–11:00	<b>RED GROUP</b> <b>Anatomical specimen laboratory</b> <ul style="list-style-type: none"> <li>• Creation of a proximal humeral fracture through a deltopectoral approach</li> <li>• Fracture fixation through anterior acromial approach with nail</li> </ul>	M Hessmann, C Kammerlander, U Isiklar
09:40–11:00	<b>GREEN GROUP</b> <b>Discussion group 2</b> <ul style="list-style-type: none"> <li>• Osteoporotic fractures of the upper extremity</li> </ul>	M Berlusconi, A Sermon, Y Hoffmann-Weltin, K Singler, T Luger
11:00–11:20	COFFEE BREAK	
11:20–11:40	Principles of comanaged care	U Isiklar
11:40–12:00	Postoperative medical management (including delirium)	K Singler
12:00–12:10	LOCATION CHANGE TO THE ANATOMICAL LABORATORY AND TO THE DISCUSSION GROUPS—SPLIT INTO TWO GROUPS	
12:10–13:30	<b>GREEN GROUP</b> <b>Anatomical specimen laboratory</b> <ul style="list-style-type: none"> <li>• Creation of a proximal humeral fracture through a deltopectoral approach</li> <li>• Fracture fixation through anterior acromial approach with nail</li> </ul>	M Hessmann, C Kammerlander, U Isiklar
12:10–13:30	<b>RED GROUP</b> <b>Discussion group 2</b> <ul style="list-style-type: none"> <li>• Osteoporotic fractures of the upper extremity</li> </ul>	M Berlusconi, A Sermon, Y Hoffmann-Weltin, K Singler, T Luger
13:30–14:00	LUNCH BREAK	
14:00–14:10	Proximal humeral fracture—nonoperative treatment, plate, nail or replace?	U Isiklar
14:10–14:25	Failed fixation in proximal humeral fracture treatment—how to manage it?	C Kammerlander
14:25–14:40	Complex elbow fractures—tips and tricks	M Berlusconi
14:40–14:50	Fractures around the wrist—what is important?	U Isiklar
14:50–15:00	Discussion and conclusion of module 3	U Isiklar
15:00–15:15	Summary of the day, evaluation, closing remarks, and distribution of certificates	A Sermon, M Hessmann



## Event organization

### **AOTrauma Education**

Claudia Güntensperger  
Clavadelerstrasse 8  
7270 Davos, Switzerland  
Phone +41 81 414 27 20  
Fax +41 81 414 22 84  
Email [cguentensperger@aotrauma.org](mailto:cguentensperger@aotrauma.org)

### **AO funding sources**

Unrestricted educational grants from different sources are collected and pooled together centrally by the AO Foundation. 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

### **AO Courses Europe, Middle East and Africa**

Stephanie Pavlovic  
Phone +41 32 720 42 25  
Email [pavlovic.stephanie@ao-courses.com](mailto:pavlovic.stephanie@ao-courses.com)

### **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 (Letter of Secondment, AO Foundation—Principles of AO Educational Events) to ensure that this cooperation has no impact on the curricula, scientific program, or faculty selection.

## General information

### Event fee

AOTrauma Europe Masters Course—Operative Fragility Fracture Management: Euro 1600.00  
Included in the event fee are the conference bag with documentation, coffee breaks, lunches, course reception or dinner, and course certificate.

### European CME Accreditation

For this event the UEMS-EACCME® in Brussels have granted 12 European CME credits (ECMEC).

### Disclosures and Conflicts of Interest (COI)

All disclosure information can be viewed at the event webpage: <http://AOTEU-2018-07.aotrauma.org>

### Evaluation guidelines

All AOTrauma events apply the same evaluation process, online pre- and post-event evaluation and on-site paper and pencil questionnaires. This helps AOTrauma to ensure that we continue 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. Check hazards and legal restrictions on [www.aofoundation.org/legal](http://www.aofoundation.org/legal).

**Recording, photographing, or copying of lectures, practical exercises, 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.

### Security

There will be a security check at the entrance of the building. Wearing of a name tag is compulsory during lectures, practicals, and group discussions.

### No insurance

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

### Mobile phone use

Mobile phone use is not allowed in the lecture halls and in other rooms during educational activities. Please be considerate of others by turning off your mobile phone.

### Dress code

Casual or sportswear



## Event venue

### **Medical University Innsbruck**

Anatomical Institute

Mullerstrasse 59

6020 Innsbruck, Austria

Phone: +43 (0) 512 9003 71111

[www.anatomie-innsbruck.at](http://www.anatomie-innsbruck.at)

## Accommodation for participants

Kindly book your accommodation directly via

Innsbruck Tourism:

Phone: +43 512 59850

Email: [office@innsbruck.info](mailto:office@innsbruck.info)

<http://www.innsbruck.info/en/home.html>

# AO Foundation—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 surgeons from the AO network. All education is planned based on needs assessment data, designed and evaluated using concepts and evidence from the most current medical education research, and involving 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, USA ([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.org](http://www.mecomed.org))

## 3) Branding and advertising

No industry logos or advertising (with the exception of the AO Foundation and AO Clinical Division) 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

If case simulations are chosen as an educational method to educate skills, we only use technology approved by the AOTK System (AOTK)—a large independent group of volunteer surgeons developing and peer-reviewing new technology (more information about AOTK, its development and approval process can be found on the AO Foundation website: [www.aofoundation.org](http://www.aofoundation.org)).

## 5) Personnel

Industry staff is not allowed to interfere with the educational content or engage in educational activities during the event.

## Upcoming events

# AOTrauma Europe Masters Courses 2018

### Courses with Anatomical Specimen Dissections

EVENT	PLACE	DATE	WHO
Pelvic and Acetabular Fractures	Homburg (DE)	June 20–22	Tim Pohlemann (DE) Emanuel Gautier (CH)
Foot and Ankle	Ljubljana (SL)	September 17–18	Matej Andolisek (SL) Jan Bartonicek (CZ)
Articular Fractures around the Shoulder and Elbow	Brno (CZ)	September 26–27	Martin Kloub (CZ) Rami Mosheiff (IR)

For more information visit: [www.aotrauma.org](http://www.aotrauma.org)

List subject to changes.

## Notes



## Notes

# Driving excellence and empowering the next generation

## AOTrauma membership

Discover the advantages of joining the leading global trauma and orthopedic community, providing its members with education, research and networking opportunities worldwide.

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



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## Join us and share your passion