

AO Trauma Masters Course —Tibial Plateau (With Human Anatomical Specimens)

June 17–18, 2024

Innsbruck, Austria

PROGRAM



Mission

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

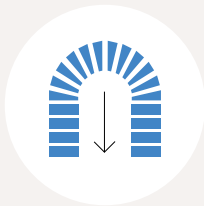
The AO principles of fracture management

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 participant,

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 course 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 course 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.

This course is part of an overall competency-based educational program that includes many other activities and resources for self-directed learning. The educational activities in each program are developed by an international taskforce of clinical experts and educationalists and made available to you through the Education section of www.aotrauma.org.

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

Sincerely yours,



Mark Reilly
Chairperson AO Trauma
Education Commission



Wa'el Taha
Chairperson AO Trauma
International Board

If you enjoy the experience during your course and would like to stay in touch with the organization and its international network of surgeons, we invite you to become a member of AO Trauma. The benefits of membership, including options to get involved in new opportunities that advance trauma care are described at www.aotrauma.org.

Goal of the event

In this course format, open case discussions are planned, which are designed to be interactive and moderated by the experts.

The aim is to provide an overview of the current State-of-the-art in the field of complex tibial plateau surgery. The aim is to exchange different skills and experiences and to discuss possible solutions to problems based on current treatment concepts. The course is therefore aimed primarily at experienced surgeons who are willing to share their experiences with other course participants and specialists in the field of tibial plateau fractures to stimulate lively discussions.

The participant will develop hands-on skill and gain new insights into advanced reduction and fixation techniques demonstrated by experienced surgeons.

Target participants

Participants must have completed the AO Trauma basic and advanced principles courses. They must be actively involved in orthopedic trauma management and preferably have at least 5 years of post-residency experience in trauma surgery. Participants must be willing to share their ideas and be able to communicate well in English.

Event description

This hands-on course with pre-fractured specimen will offer the participants the opportunity to prepare a surgical plan in small groups, from preoperative diagnostics, intraoperative positioning, surgical approaches, advanced reduction, and fixation techniques with state-of-the-art techniques in tibial plateau fractures.

Highly experienced faculty will share their ideas and help participants to achieve the preoperative defined surgical plan.

Learning objectives

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

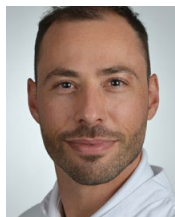
- Have refreshed or expanded your knowledge of special anatomical and biomechanical relationships
- Classify complex tibial plateau injuries (both osseous and ligamentous)
- Be able to select and perform appropriate surgical approaches and know their specific relationship to relevant anatomical structures
- Plan a step-by-step treatment strategy for complex injuries
- Know the optimal indications for different implants
- Have expanded your knowledge of difficult complex surgical techniques
- Recognize and treat early and late complications in a timely manner
- Perform error analysis

Chairpersons



Rohit Arora

Medical University Innsbruck,
Department of Orthopaedics and Traumatology,
Innsbruck, Austria



Raul Mayr

Medical University Innsbruck,
Department of Orthopaedics and Traumatology,
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Regional faculty

Elmar Herbst

University Clinic, Münster, Germany

Harm Hoekstra

University Clinic, Leuven, Belgium

Matthias Krause

BG Trauma Clinic, Hamburg, Germany

Michael Schlumberger

Orthopedic Clinic Markgröningen, Germany

Fabian Stuby

BG Trauma Clinic, Murnau, Germany

National faculty

Thomas Freude

University Hospital of Orthopaedics and Trauma Surgery, Salzburg, Austria

Marko Konschake

Medical University Innsbruck, Institute of Anatomy, Innsbruck, Austria

Monday

June 17, 2024

08:30-09:00	Registration	
09:00-09:15	Welcome and introduction	R Arora, M Konschake
09:15-09:45	Classification and approach strategy in tibial plateau fractures	M Krause
09:45-10:15	Lateral approaches to the tibial head	R Mayr
10:15-10:45	Medial approaches to the tibial head	E Herbst
10:45-11:15	Posterior approaches to the tibial head	H Hoekstra
11:15-11:30	Coffee break	
11:30-12:00	Medial and lateral Epicondyle osteotomy for better reduction	M Krause
12:00-12:45	Small group discussion 1 Life-like bicondylar tibial plateau fractures: Creating a treatment plan in small groups	All faculty
12:45-13:45	Presentation of the treatment plan of each group and discussion	R Arora
13:45-14:30	Lunch break	
14:30-17:00	Practical exercise 1 Open reduction and internal fixation of a bicondylar tibial plateau fracture, epicondylectomy	All faculty
17:00-18:00	Presentation and discussion of the fracture treatment	F Stuby
18:00-18:30	Wrap-Up Day 1, Q&A	R Arora

Tuesday

June 18, 2024

08:00-08:30	Do we need arthroscopic assisted reduction in treatment of acute tibial head fractures?	M Schlumberger
08:30-09:00	When do we need to address ligamentous injuries in acute tibial head fractures?	E Herbst
09:00-09:30	Treatment of periprosthetic tibial head fractures	F Stuby
09:30-10:00	Primary arthroplasty for tibial head fractures	T Freude
10:00-10:30	Treatment of pediatric proximal tibial fractures	H Hoekstra
10:30-11:00	Treatment of soft tissue problems in acute proximal tibial fractures	R Arora
11:00-11:15	Coffee break	
11:15-12:00	Small group discussion 2 Life-like tibial plateau fractures with posterior involvement: Creating a treatment plan in small groups	All faculty
12:00-13:00	Presentation of the treatment plan of each group and discussion	H Hoekstra
13:00-13:30	Light lunch	
13:30-16:00	Practical exercise 2 Open reduction and internal fixation of a tibial plateau fracture with posterior involvement, posterior approach	All faculty
16:00-16:30	Wrap-Up Day 2, Closing remarks	

Event information

Organization

AO Foundation

Sylvia Reischl
Clavadelerstrasse 8
7270 Davos Platz, Switzerland
Phone: +43 664 925 3869
E-mail: sylvia.reischl@aofoundation.org

Participants' contact

E-mail: aoges.emea@aofoundation.org

Registration fee

AO Trauma Member: EUR 1'215
Non-member: EUR 1'350

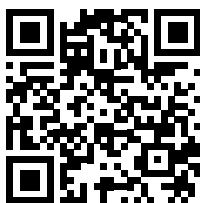
Included in the course fee are course materials, coffee and lunch breaks, course dinner and course certificate.

Cancellation policy

Cancellation policy: 50% until 30 days before the event. No refund thereafter.

Online registration

https://bit.ly/Tibia_Innsbruck



Language

English

European CME accreditation

An application has been made to the UEMS-EACCME® in Brussels for CME accreditation of this event.

Venue

Medical University Innsbruck

Institute for Clinical and Functional Anatomy
Müllerstrasse 59
A-6020 Innsbruck, Austria

Website: www.i-med.ac.at/Anatomie



General information

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/skills training if educationally needed.

Evaluation guidelines

All AO 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 continues to meet your training needs.

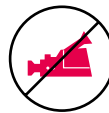
Disclosures and conflicts of interest

Disclosure information and potential conflicts of interest (COI) can be viewed at the event webpage:
https://bit.ly/Tibia_Innsbruck.

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 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, 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 phone

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.

Sponsor

We thank our major industry partner DePuy Synthes and Siemens Healthineers for contributing key in-kind support (material and logistics) without which this event would not be possible.



Notes

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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:

- Medtech Europe 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.



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

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More information at
www.aofoundation.org

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

Apply

for membership
www.aotrauma.org

Belong to a
unique orthopedic
trauma network



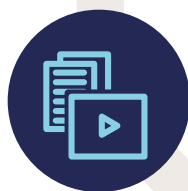
Get involved
and shape the
future of AO Trauma



**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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