

AO Trauma Europe Masters Course— **Fracture Challenge: How Masters Manage Knee Fractures**

June 5–6, 2023

Szeged, Hungary

PROGRAM

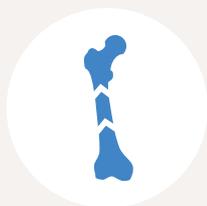


Mission

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

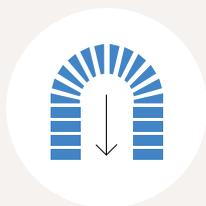
The AO principles of fracture management

1



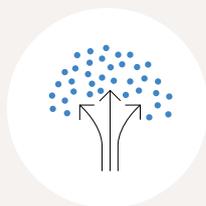
Fracture reduction and fixation to restore anatomical relationships.

2



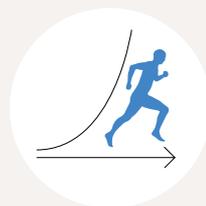
Fracture fixation providing absolute or relative stability, as required by the “personality” of the fracture, the patient, and the injury.

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.

Content

4 Welcome

5 Course description
Goal of the course
Target participants
Learning objectives

6 Chairpersons and faculty

7 Monday, June 5, 2023

8 Tuesday, June 6, 2023

9 Event information
Venue

10 General information
Sponsor

14 Principles of AO educational events

15 Course finder

Welcome

Dear AO Trauma Course participant,

We are honored to welcome you to the AO Trauma Course—Fracture challenge: How Masters Manage Tibial Plateau Fractures. 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 you benefit from AO Trauma? 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.

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.

Yours sincerely,



Mark Reilly
Chairperson AO Trauma
Education Commission



Mike Baumgaertner
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.

Course description

This is a hands-on course in an OR-like anatomical specimen lab that enables participants to gain new knowledge in surgical tactics, standard as well as extended surgical approaches, advanced reduction and fixation techniques using pre-fractured anatomical specimens with state-of-the-art imaging in tibial plateau fractures. Preoperative planning and discussion with the participants will challenge the tactics of reduction and fixation by balancing the value of different approaches to obtain adequate exposure of the tibial head. The hands-on learning experience is enhanced by technical demonstrations by the faculty and at the end by demonstration of the reduction steps and the achieved fixation on the anatomical specimen by the participants. In addition, discussion groups will help to engrain the achieved knowledge and skills of the participants. This format is focusing on up to date educational and technical needs for the practicing orthopedic trauma surgeon.

Goal of the course

AO Trauma is delighted to launch a new hands-on course format for practicing orthopedic trauma surgeons. This course is tailored to support the educational needs in specific areas of orthopedic trauma, which are evolving due to a rise of more high velocity trauma with more complex fracture patterns and more demanding fractures. The participants will appreciate the common deforming forces and injury patterns of tibial plateau fractures and how to overcome these during reduction and fixation. The participant should apply the concepts of a soft tissue preserving approaches in his planning, in his tactic of reduction and fixation as well in his selection of the approaches. The participant knows the advantages and limits of the different approaches for tibial plateau fractures from anterolateral, medial, posterolateral and posteromedial as well as the possible combinations and the possibilities to extend standard approaches. The participant gets a summary of state of the art strategies in the treatment of patella fractures and first hand on experience with a new patella plate. The participant will develop hands-on skill and gain new insights into advanced reduction and fixation techniques demonstrated by experienced surgeons.

Target participants

Experienced orthopedic trauma surgeons. Participants must be able to communicate well in English.

Learning objectives

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

- Determine the diagnostic criteria needed for identifying tibial plateau fractures
- Classify tibial plateau fractures
- Define a treatment plan
- Correctly position the patient for intra-operative imaging in tibial plateau fractures
- Identify the main approaches and extended approaches to the tibial head and the patella
- Master osteosynthesis and reduction techniques in tibial plateau fractures
- Recognize the benefits and drawbacks of the treatment plan in tibial plateau fractures
- Get first experiences with the patella plate

Chairpersons

Overall chairperson



Karl-Heinz Frosch
University Medical Center
Hamburg-Eppendorf
BG Klinikum Hamburg
Hamburg, Germany



Tibor Gunther
Petz Aladár County
& Teaching Hospital
Győr, Hungary



Endre Varga
University of Szeged,
Szeged, Hungary

Educational Advisor



Reto Babst
Kantonsspital Lucerne,
Lucerne, Switzerland

Regional faculty

Martin Kloub	Hospital České Budějovice, České Budějovice, Czech Republic
Jaunius Kurtinaitis	Republican Vilnius University Hospital, Vilnius, Lithuania
Karen Martirosyan	Slavmed Medical Center, Yerevan, Armenia
Igors Terjajevs	Hospital of Traumatology and Orthopaedics, Riga, Latvia

National faculty

Károly Csete	University of Szeged, Szeged, Hungary
Attila Mácsai	University of Szeged, Hungary

Monday

June 5, 2023

08:00–08:30	Registration	
08:30–08:40	Welcome and Introduction	T Gunther KH Frosch

Lectures and Discussions

08:40–08:55	Diagnostics and Classification of tibial plateau fractures	T Gunther
08:55–09:10	Approach Strategy in tibial plateau fractures	KH Frosch
09:10–09:20	Video demonstration: standard and extended approaches to the tibial plateau	KH Frosch
09:20–09:30	Soft Tissue management in tibial plateau fractures	K Martirosyan
09:30–09:45	Clinical results after tibial plateau fractures	T Gunther
09:45–10:15	Coffee Break	
10:15–10:30	Revision osteosynthesis after mal reduced tibial plateau fractures	M Kloub
10:30–10:45	Infections after fractures around the knee	I Terjajevs
10:45–11:05	Patella Fractures	KH Frosch
11:05–11:30	Distal Femur fractures – Tipps and Tricks	J Kurtinaitis
11:30–12:30	Lunch Break	

Moderator: KH Frosch & T Gunther

Practical Exercise: Approaches to the Knee

12:30–12:50	Supine position: anterolateral approach to the tibial plateau	A Mácsai
12:50–13:10	Supine position: anteromedial/medial approach to the tibial plateau	K Csete
13:10–13:30	Supine position: extended medial approach to the tibial plateau (osteotomy of the medial femoral epicondyle)	KH Frosch
13:30–13:50	Supine position: lateral approach to the distal femur	M Kloub
13:50–14:10	Supine position: medial approach to the distal femur	I Terjajevs
14:10–14:30	Supine position: standard approach for patella fractures	T Gunther
14:30–15:00	Coffee Break	
15:00–15:30	Prone position: posterolateral approach to the tibial plateau	KH Frosch
15:30–15:45	Prone position: extended posterolateral approach to the tibial plateau (osteotomy of the lateral femoral epicondyle)	KH Frosch
15:45–16:00	Prone position: minimal invasive posteromedial approach for ORIF of bony avulsions of the PCL	KH Frosch
16:00–16:15	Prone position: posteromedial approach to the tibial plateau	K Martirosyan
16:15–16:30	Summary of day 1	J Kurtinaitis

Tuesday

June 6, 2023

08:30–08:45	Learnings from day 1	T Gunther
08:45–09:45	Life like tibial plateau fractures: creating a treatment plan in small groups (“Define your plan”)	All Faculty
09:45–11:30	Presentation of the treatment plan of each group and discussion (“discuss your plan”)	A Mácsai
11:30–12:30	Lunch Break	
12:30–14:30	Practical exercise Open reduction and internal fixation of an AO Type C tibial plateau fracture (“operate your plan”)	All Faculty
14:30–15:00	Coffee Break	
15:00–15:45	Presentation and discussion of the fracture treatment (“defend your plan”)	K Csete
15:45–15:55	Award ceremony for the best group (“best performance award”)	T Gunther, KH Frosch
15:55–16:10	Wrap-up and closing	T Gunther, KH Frosch

Event information

Organization

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

Participants' contact:

Inês Moço
E-mail aoges.emea@aofoundation.org

Registration fee

Standard Ticket: EUR 1550
Included in the course fee are documentation, coffee breaks, lunch breaks, course reception and the course certificate.

Online registration

Link
<https://bit.ly/AOTraumaSzegedFractureChallenge>

Language

English

European CME accreditation

For this event the UEMS-EACCME® in Brussels have granted **XX** 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.

Venue

For the Pathology:

SZTE AOK Szent-Gyorgyi Albert Klinikai Kozpont -
Pathologiai Intezet.
6725 Szeged, Allomas u. 1., Hungary
<http://www.klinikaikozpont.u-szeged.hu/pathologia/index.php/en/>

Accommodation for participants

Art Hotel Szeged

(not included, kindly book it directly via the hotel)
H-6720 Szeged, Somogyi u. 16.
+36 62 592 888
repcio@arthotelszeged.hu

General information

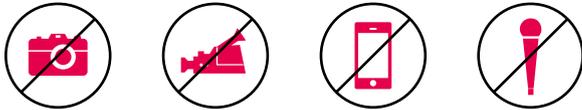
Evaluation guidelines

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.

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

Sponsors

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



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:

- 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.

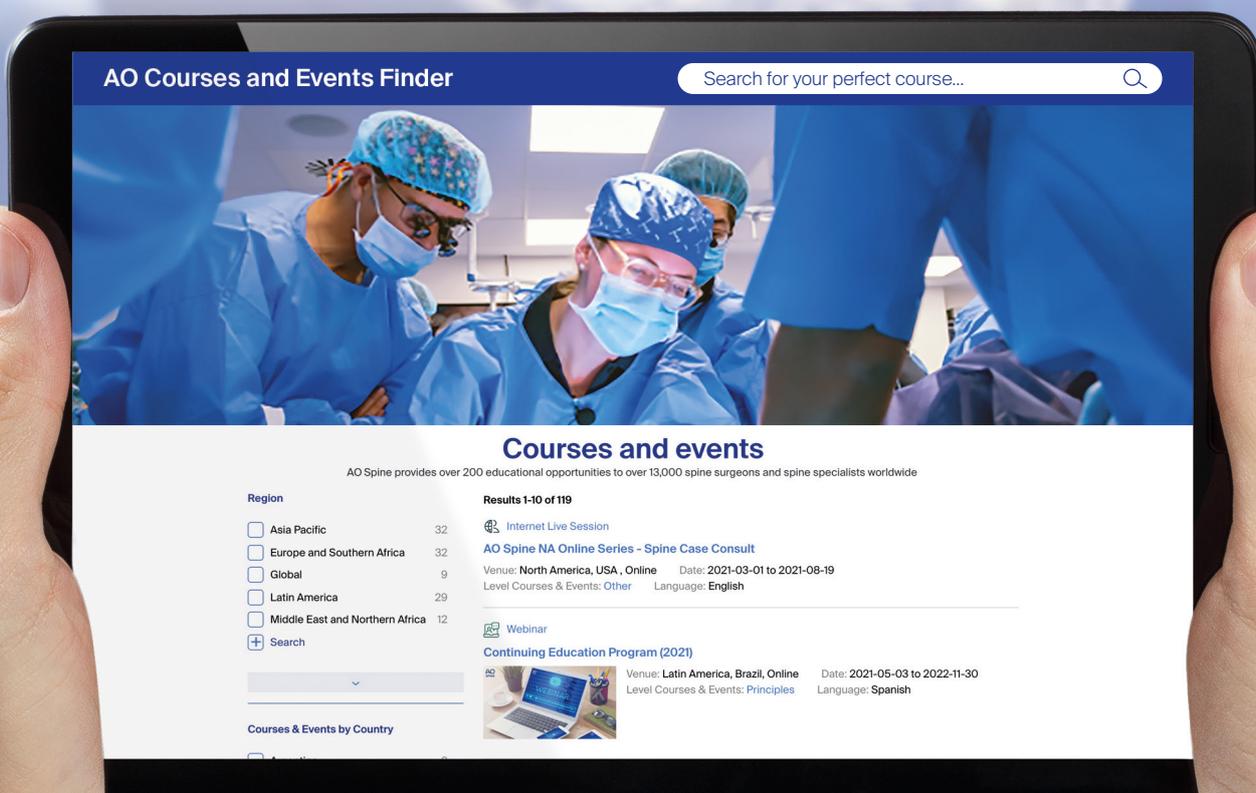
More information on the AO Technical Commission can be found on the AO's website: www.aofoundation.org/tc.

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.

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Transforming
Surgery—
Changing
Lives

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**

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.

