

Course Program

# AOTrauma Course— Acetabular and Pelvic Fracture Management with Practical Exercises on Anatomical Specimens

September 15–18, 2018

Graz, Austria

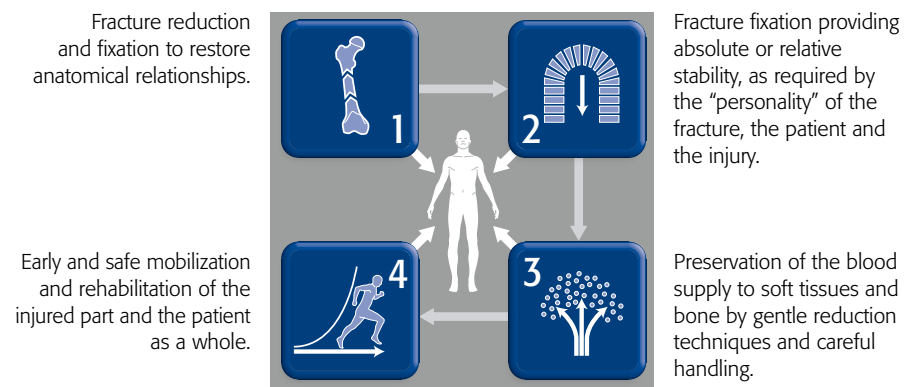


Home to Trauma & Orthopedics

## 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



## Welcome

Dear AOTrauma course participant,

We are honored to welcome you to the AOTrauma Course Acetabular & Pelvic Fracture Management. We hope you will enjoy your event 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 can AOTrauma 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.

**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



**Koji Kojima**  
Chairperson AOTrauma  
International Board

**PS:** Your experiences with us will result in the realization of new and meaningful knowledge, skills, and understanding that we hope will translate into improved patient care.

## Content

2	Value statement	5	Table instructors
2	The AO Principles	6	Program Schedule
3	Welcome	10	Event organization
4	Goal of the course	10	Event information and logistics
4	Target participants	10	General Information
4	Learning objectives	11	Event venue
4	Course description	11	Event fee
5	Chairpersons	11	Event registration
5	Regional Faculty	12	Principles of AO Educational Events
5	National Faculty	13	Upcoming events

## Goal of the course

The goal of the course is to broaden the knowledge and comprehension of operative fracture treatment according to the level of education or specialty and to practice surgical approaches.

## Target participants

The AOTrauma Course Acetabular & Pelvic Fracture Management is targeted at experienced, certified orthopedic and trauma surgeons with advanced knowledge and skills in operative fracture treatment who wish to broaden their knowledge in this specific field and who wish to practice surgical approaches for a better comprehension.

## Learning objectives

Upon completion of the course, the participant should be able to:

- make decisions as to the optimal treatment modality according to the AO Principles
- have learned about the latest developments in research and clinical investigation
- be acquainted with new techniques and technologies as well as alternative approaches in fracture treatment
- have improved the manual skills by practicing on different bone models and human specimens
- to understand the evolution of AO Philosophy and Education – what is new and what is still valid as well as the rationale behind any changes

## Course description

The topics for the AOTrauma Course Acetabular & Pelvic Fracture Management will cover classification and principles of treatment in pelvic and acetabular fracture management as well as different techniques, surgical anatomy & approaches. They will be taught in short lectures and videos followed by practical exercises on artificial bones, muscles specimens and anatomical specimens. During the exercises key steps are projected on the monitors. Each work station is limited to two participants.

## Chairpersons

### Grechenig Wolfgang

LKH – University Clinic Graz,  
Department of Orthopedics  
and Trauma Surgery, Graz,  
Austria

### Gänsslen Axel

Clinic Wolfsburg, Department  
of Trauma Surgery, Ortho-  
pedics and Hand Surgery,  
Wolfsburg, Germany

### Lindahl Jan

Helsinki University Hospital,  
Department of Orthopedics  
and Traumatology, Helsinki,  
Finland

## International Faculty

Bakota	Bore	ABM HB University Hospital, Trauma and Orthopedic Department, Swansea, Wales, UK
Staresinic	Mario	University Hospital Merkur – Zagreb, General and Sports Trauma Department, Zagreb, Croatia

## Regional Faculty

Berner	Arne	Charite, Center of Muskulosceletale Surgery, Berlin, Germany
Grechenig	Stephan	Hospital of the Order of St John of God Regensburg, Clinic for Emergency Surgery, Orthopedics and Sports Medicine
Müller	Michael	Klinikum Bayreuth, Clinic for Trauma Surgery, Bayreuth, Germany
Nerlich	Michael	University Hospital of Regensburg, Trauma Surgery, Regensburg, Germany
Zellner	Johannes	University Hospital of Regensburg, Trauma Surgery, Regensburg, Germany

## National Faculty

Anderhuber	Friedrich	Medical University Graz, Institute of Anatomy, Graz, Austria
Clement	Hans	LKH – University Clinic Graz, Department of Orthopedics and Trauma Surgery, Graz, Austria
Hartl	Christoph	Hospital Steyr, Department of Trauma Surgery, Steyr, Austria
Tesch	Peter	Medical University Graz, Institute of Anatomy, Graz, Austria
Thewanger	Georg	UKH Linz, Trauma Surgery, Linz, Austria
Weiglein	Andreas	Medical University Graz, Institute of Anatomy, Graz, Austria

## Table Instructors

Baumann	Florian	University Hospital of Regensburg, Trauma Surgery, Regensburg, Germany
Pfeifer	Christian	University Hospital of Regensburg, Trauma Surgery, Regensburg, Germany
Schmitz	Paul	University Hospital of Regensburg, Trauma Surgery, Regensburg, Germany

## Saturday, September 15, 2018

### AOTrauma Course Acetabular & Pelvic Fracture Management

TIME	AGENDA ITEM
08:15 – 08:30	Welcome
08:30 – 08:40	Organisational comments
	<b>PELVIS</b>
08:40 – 09:05	Classification
09:05 – 09:15	Hemipelvectomy
09:15 – 09:30	External fixateur / pelvic clamp
09:30 – 11:00	<b>Practical exercise:</b> 1 + 2) external fixateur 3) hemipelvectomy 4) patient positioning / x-ray 5) Demo Siemens 3D: operative control axis / length / rotation
11:00 – 11:30	COFFEE BREAK
11:30 – 12:40	<b>Practical exercise:</b> 5) pelvic packing 6) pelvic clamp
12:40 – 12:50	SIJ / sacrum
12:50 – 13:10	Symphysis
13:10 – 14:15	LUNCH
14:15 – 16:30	<b>Practical exercise:</b> 1 + 2) plating symphysis, ISG anterior 4) Sacral rods 3) SIJ dorsal: plate ilioiliacal 5 + 6) SIJ screwing percutaneous
16:30 – 17:15	Pelvic ring disruptions – principles of treatment
17:15 – 17:45	COFFEE BREAK
17:45 – 18:00	Intrapelvic approach
18:00 – 18:15	<b>Practical exercise: symphysis: approach</b>
18:15 – 18:30	<b>Practical exercise: SIJ anterior anatomy</b>
18:30 – 19:00	<b>Practical exercise: SIJ approach</b>

## Sunday, September 16, 2018

### AOTrauma Course Acetabular & Pelvic Fracture Management

TIME	AGENDA ITEM
08:15 – 08:30	Sacrum fracture
08:30 – 08:50	Lumbopelvic fixation
08:50 – 09:10	Principles of treatment in complex trauma
09:10 – 09:55	<b>Practical exercise: SIJ and sacrum dorsal anatomy</b>
09:55 – 10:40	<b>Practical exercise: approach sacrum, screws, plate dorsal</b>
	<b>ACETABULUM</b>
10:40 – 11:10	Classification
11:10 – 12:00	LUNCH
12:00 – 14:00	<b>Practical exercises:</b> 1) acetabulum plate position dorsal ORIF joint specimen 2) anatomy ilioinguinal approach 3) lumbopelvic fixation 4) classification pelvis 5 + 6) classification acetabulum
14:00 – 14:30	<b>Practical exercise: anatomy</b>
14:30 – 14:45	Video: approach iliacal, femoral artery
14:45 – 15:15	Video: ilioinguinal approach
15:15 – 15:45	<b>Practical exercise: ilioinguinal approach</b>
15:45 – 16:15	COFFEE BREAK
16:15 – 16:40	computer-assisted perc. fracture treatment
16:40 – 16:55	Acetabulum fracture: ORIF dorsal
16:55 – 17:10	Acetabulum fracture: ORIF ventral
17:10 – 19:10	<b>Practical exercise: ORIF acetabulum</b>

## Monday, September 17, 2018

### AOTrauma Course Acetabular & Pelvic Fracture Management

TIME	AGENDA ITEM
08:15 – 08:45	Pipkin fracture
08:45 – 09:15	Reduction technique
09:15 – 09:35	Video: approach Kocher Langenbeck
09:35 – 10:00	<b>Practical exercise: Kocher Langenbeck</b>
10:00 – 10:30	<b>Practical exercise: hamstring – refixation</b>
10:30 – 12:30	<b>Practical exercise:</b> 1) ilioinguinal approach 2) trochanter osteotomy 3) reduction techniques, instruments 4) anatomy 5) Intrapelvic approach anatomy 6) hip luxation "Ganz"
12:30 – 13:30	LUNCH
13:30 – 14:50	Case discussion (2 groups)
14:50 – 15:20	Fracture in the elderly
15:20 – 15:45	COFFEE BREAK
15:45 – 15:55	Video: anterior approach hip
15:55 – 16:25	<b>Practical exercise: anterior approach hip</b>
16:25 – 16:55	Fracture children
16:55 – 17:25	Hamstring-Injuries

## Tuesday, September 18, 2018

### AOTrauma Course Acetabular & Pelvic Fracture Management

TIME	AGENDA ITEM
08:15 – 08:50	Intertrochanteric fracture
08:50 – 09:15	Hip arthrodesis – indication / technique
09:15 – 09:50	Periprosthetic fracture
09:50 – 10:30	Periprosthetic acetabular fractures
10:30 – 11:00	Video: hip dislocation "Ganz"
11:00 – 12:00	LUNCH
12:00 – 13:00	clinical video /discussion
13:00 – 15:00	<b>Practical exercise:</b> 1) PFNA 2) hip arthrodesis 3) Femur neck screwing, DHS, buttress plate 4) hip anatomy

## Event organization

### AOTrauma International

AO Foundation  
Felix Alonso  
Project Manager AOTrauma Education Europe  
Clavadelerstrasse 8  
CH-7270 Davos Platz  
Office +41 81 414 2611  
Mobile +41 79 548 3602  
Email [falonso@aotrauma.org](mailto:falonso@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 Austria

Sylvia Reischl  
Phone +43 664 925 3869  
Email [reischl.sylvia@ao-courses.com](mailto:reischl.sylvia@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

### European CME Accreditation

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

### Evaluation guidelines

All AOTrauma events apply the same evaluation process, either audience response system (ARS) or 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, workshops, 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 **Event language:** English

## Event venue

Medical University Graz, Institute of Anatomy  
Harrachgasse 21  
A-8010 Graz  
<http://anatomie.medunigraz.at/>

## Event fee

AOTrauma Course Acetabular & Pelvic Fracture Management: **€ 850,-**  
Included in the event fee are conference bag, coffee breaks, lunch, course certificate.

## Event registration:

Please register online at:  
[http://aotrauma2.aofoundation.org/eventdetails.aspx?id=5711&from=PG\\_COURSEDIRECTORY](http://aotrauma2.aofoundation.org/eventdetails.aspx?id=5711&from=PG_COURSEDIRECTORY)

## 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 ([advamed.org](http://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.



## AO Educational Events in Austria 2018

### AO Events 2018

■	13. – 14. April 2018	AOSpine Principles Kurs	Anthering bei Salzburg, Austria
■	26. – 28. April 2018	AOVET Kurs – 9. Fortgeschrittenenkurs Frakturversorgung und Orthopädie beim Kleintier	Salzburg, Austria
■	04. Mai 2018	65. AOTrauma Symposium Periprothetische Frakturen & Rekonstruktion	Graz, Austria
■	11. – 13. Mai 2018	9th AOCMF Course – Advances in Operative Techniques in Oral and Maxillofacial Surgery	Vienna, Austria
■	18. Juni 2018	AOSpine Advanced Level Specimen Course – Cervical Spine	Vienna, Austria
■	22. – 23. Juni 2018	AOCMF Advanced Course – Nahlapfenplastiken im Gesichtsbereich	Salzburg, Austria
■	09. – 14. September 2018	AOTrauma Course – Approaches & Osteosynthesis	Graz, Austria
■	10. – 11. September 2018	AOSpine Advanced Level Specimen Course – Anterior Spine Surgery and Approaches	Innsbruck, Austria
■	15. – 18. September 2018	AOTrauma Course – Pelvic & Acetabulum	Graz, Austria
■	19. – 22. September 2018	AOTrauma Course – Foot & Ankle Surgery	Graz, Austria
■	19. – 22. September 2018	AOTrauma Course – Hand & Wrist	Graz, Austria
■	24. – 26. September 2018	53. AOTrauma Kurs Prinzipien der operativen Frakturbehandlung	Salzburg, Austria
■	29. – 31. Oktober 2018	9th AOCMF Course – Advances in Flap Raising	Vienna, Austria

■ AOTrauma [www.aotrauma.org](http://www.aotrauma.org) ■ AOCMF [www.aocmf.org](http://www.aocmf.org)

■ AOSpine [www.aospine.org](http://www.aospine.org) ■ AOVET [www.aovet.org](http://www.aovet.org)





# 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)



Follow us on

 Facebook

 Twitter

## Join us and share your passion!