

Course program

AOTrauma Masters Seminar– Fragility Fractures and Orthogeriatric Comanagement

September 2-4, 2012

Innsbruck, Austria

Value statement

AO Trauma 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 orthopaedic 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



Dear AOTrauma course participant,

We have the honor to welcome you to the AOTrauma Europe Regional Masters Seminar Fragility Fractures and Orthogeriatrics run by the AOTrauma Specialty! We hope you will enjoy your course and the entire experience.

What is AOTrauma? We are the "clinical division"—a community for Trauma and Orthopaedics within the AO Foundation. As an AO Specialty 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 will focus and better 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 & Orthopaedic” community within the AO. AOTrauma will help you develop lifelong friendships and relationships; we will help you access our “knowledge network” and get involved in new opportunities that advance trauma care.

Yours sincerely,

(Picture)
Kodi Kojima
Chairperson AOTrauma Education Commission

(Picture)
Niklaus Renner
Chairperson AOTrauma International Board

(Picture)
Emanuel Gautier
Chairperson AOTrauma EU Education Committee

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 250,000 surgeons and 135,000 ORP staff from over 110 countries have attended AO Courses—we now launch AOTrauma to move our education to the next level.

Goals of the course

Participants will learn how the overall care of the elderly, multimorbid fracture patient can be substantially improved. Since the fracture represents only part of the problem, orthogeriatric comanagement of the patient from admission to completion of rehabilitation is the optimal approach to address all aspects. This course delivers the latest evidence on the comprehensive management of the elderly fracture patient, with the aim of changing attitudes and improving the care of this patient group.

Target participants

General trauma surgeons, orthopaedic trauma surgeons, geriatricians, and medicine physicians who want to:

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

Surgeon participants should have completed the AOTrauma Courses—Principles in Operative Fracture Management and Advances in Operative Fracture Management. In order to make the course a valuable learning experience, English knowledge is a prerequisite.

Course objectives

On completion of this course, participants will be better able to:

- Describe how osteoporotic bone differs in quality and quantity from normal bone
- Apply adaptations of AO fracture fixation techniques and new technical solutions to fragility fractures
- Recognize the important aspects in the care of the comorbid geriatric fracture patient: preoperative optimization, early one-shot surgery, postoperative assessment, prevention and management of complications, and secondary fracture prevention
- Appreciate the paramount importance of a protocol-driven team approach in comanagement and put this approach into practice
- Aim for early restoration of musculoskeletal function, functionality, prefracture independence, and quality of life as much as possible

Course description

A combination of lectures, case presentations, small-group case discussions, and breakout activities will be used to deliver content and to discuss the key surgical, medical, and system-of-care issues in a comanaged care approach, as well as the latest techniques. Facilitated by an International Faculty consisting of both surgeons and medicine physicians, an important focus will be placed on small group work and discussions. Active participation from all participants and faculty is critical to the effective delivery of this educational event.

Chairpersons



Michael Blauth
Professor and Director
 Department for Trauma Surgery
 Medical University Innsbruck, Austria



Cornel Sieber
Professor and Director
 Department for Geriatric Medicine
 Friedrich-Alexander-University
 Erlangen-Nuremberg, Germany

Faculty

Steven	Kates	University of Rochester, NY, USA Orthopedic Trauma Surgeon
Joseph	Nicholas	University of Rochester, NY, USA Geriatrician
Norbert	Suhm	Basel, Switzerland Orthopedic Trauma Surgeon
Edgar	Mayr	Augsburg, Germany Orthopedic Trauma Surgeon
Martin	Hessmann	Fulda, Germany Orthopedic Trauma Surgeon
Steffen	Schlee	Nürnberg, Germany Geriatrician
Katrin	Singler	Nürnberg, Germany Geriatrician
Hermann	Bail	Nürnberg, Germany Orthopedic Trauma Surgeon

Local Faculty (Innsbruck):

Markus	Gosch	(Geriatrician)
Franz	Kralinger	(Orthopaedic Trauma Surgeon)
Dietmar	Krappingner	(Orthopaedic Trauma Surgeon)
Monika	Lechleitner	(Geriatrician)
Werner	Lingnau	(Anesthesist)
Thomas	Luger	(Anesthesist)
Martin	Lutz	(Orthopaedic Trauma Surgeon)
Tobias	Roth	(Orthopaedic Trauma Surgeon)

Sunday, September 2, 2012

TIME	AGENDA ITEM	WHO
10:00—12:30	FACULTY PRE-COURSE	
12:30—13:00	Registration	
13:00—13:15	Welcome and Introduction	M Blauth, C Sieber
13:15—16:30	Video based case discussion 1: Complicated hip fracture	Moderator: S Kates
13:15—16:10	<p>Group discussions</p> <p>Group A Group B</p> <p>Group C Group D Group E</p> <p>Principles of comanaged care Regional vs general anesthesia—does it matter? Comorbidity and how to manage it Anticoagulation Functional status, treatment goals, and prognosis</p>	<p>Gosch, N Suhm J Nicholas, C Kammerlander T Luger, M Hessmann C Sieber, E Mayr K Singler, M Lutz</p> <p>J Nicholas T Luger C Sieber T Roth C Kammerlander</p>
16:10—16:30	COFFEE BREAK	
16:30—16:40	Travel to break out sessions	
	BREAK OUT GREEN GROUP: SURGEONS	
16:40—17:30	Case-based lecture and discussion Proximal humerus Principles, typical failures and solutions Conclusions	F Kralinger M Blauth
17:30—17:45	COFFEE BREAK	
17:45—18:15	Case-based lecture and discussion Around the elbow Principles, typical failures and solutions Conclusions	M Hessmann E Mayr
18:15—19:00	Case-based lecture and discussion Around the wrist Principles, typical failures and solutions Conclusions	M Lutz N Suhm

	BREAK OUT BLUE GROUP: HOSPITALISTS, GERIATRICIANS & ANESTHESIOLOGISTS: Preoperative Management	
16:40—17:10	Preoperative optimization	C Sieber, T Luger
17:10—17:40	Diagnostic procedures and assessment tools	J Nicholas, C Sieber
17:40—18:00	COFFEE BREAK	
18:00—18:30	Prevention and treatment of delirium	M Gosch, K Singler
18:30—19:00	Pain treatment	K Singler, T Luger
19:00	End of day 1	
19:30	Dinner	

Monday, September 3, 2012

TIME	AGENDA ITEM	WHO
08:00—10:20	Video-based case discussion 2: Periprosthetic fracture with postoperative care	Moderator: C Sieber
	Group discussions Group A Group B Group C Group D Group E Complicated anesthesia management Postoperative medical management Delirium Pain treatment	M Gosch, N Suhm D Mendelson, C Kammerlander T Luger, M Hessmann C Sieber, E Mayr K Singler, M Lutz T Luger C Sieber M Gosch K Singler
10:20—10:40	COFFEE BREAK	
10:40—11:15	Secondary fracture prevention: case discussion	N Suhm
11:15—11:35	Treatment of osteoporosis in the trauma patient	M Blauth
11:35—11:55	Atypical fractures	S Kates
11:55—12:00	Conclusions	M Gosch
12:00—12:20	Implementation of GFCs Main features of each GFC and major steps of implementation (5' each)	C Kammerlander E Mayr H Bail S Kates
12:20—12:50	Roundtable discussion Moderator	All M Blauth
12:50—13:30	Lunch break	
13:30—15:00	Small group discussions Group 1 Group 2 Group 3	E Mayr / M Gosch N Suhm / C Sieber H Bail / J Nicholas

Tuesday, September 4, 2012

TIME	AGENDA ITEM	WHO
	BREAK OUT GREEN GROUP: SURGEONS	
08:00—09:30	Case-based lecture and discussion Femoral neck fractures Per-/subtrochanteric fractures Principles, typical failures and solutions Conclusions	E Mayr S Kates M Blauth
09:30—10:00	Case-based lecture and discussion Pelvis and acetabulum Principles, typical failures and solutions Conclusions	M Hessmann D Krappinger
10:00—10:20	COFFEE BREAK	
10:20—11:20	Case-based lecture and discussion Periprosthetic femur fractures Principles, typical failures and solutions Conclusions	M Blauth S Kates
11:20—11:50	Case-based lecture and discussion Fractures around the knee Principles, typical failures and solutions Conclusions	H Bail M Lutz
	BREAK OUT BLUE GROUP: HOSPITALISTS, GERIATRICIANS & ANESTHESIOLOGISTS	
08:00—08:25	Polypharmacy: Medications in the Elderly	J Nicholas, M Gosch
08:25—08:50	Evaluation and management of falls	S Schlee, M Gosch
08:50—09:15	Skin und nutrition issues	C Sieber, J Nicholas
09:15—09:40	Treatment and prevention of sarcopenia	M Lechleitner, C Sieber
09:40—10:00	Prevention of urinary tract infections	J Nicholas, S Schlee
10:00—10:20	COFFEE BREAK	
10:20—10:40	Treatment of Osteoporosis in the very old	M Gosch, K Singler

10:40—11:10	Surgical basics	T Roth, S Schlee
11:10—11:50	Round table discussion: How to act as a geriatrician on a trauma department?	C Sieber, J Nicholas, K Singler, M Gosch
11:50—12:00	Travel from break out sessions	
12:00—12:20	Assessment and treatment of malnutrition (Including 5' discussion)	C Sieber
12:20—12:40	Fall prevention and gait analysis (Including 5' discussion)	S Schlee
12:50—13:10	Geriatric rehabilitation (Including 5' discussion)	M Gosch
13:10—13:20	Outcomes of ortho-geriatric co-management	C Kammerlander
13:20—14:00	Lunch Break	
14:00	End of seminar	

<h2 style="color: #0070C0;">Course organization</h2> <p>AOTrauma Jennifer Singer-Rupp AOTrauma Education Clavadelerstrasse 8 7270 Davos Platz, Switzerland Phone +41 81 414 27 01 Fax +41 81 414 22 83 Email jsinger@aotrauma.org</p>	<h2 style="color: #0070C0;">Course logistics</h2> <p>Industrial Partner Synthes GmbH Full Name Glutz-Blotzheim-Strasse 3 4500 Solothurn, Switzerland Phone +41 32 720 XXXX Fax +41 32 720 46 89 Email xxx.xxx@ao-courses.com</p>
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Course information

<p>Course fee AOTrauma Masters Seminar—Fragility Fractures and Orthogeriatrics: EUR 400.00 Included in the course fee is a conference bag with documentation, coffee breaks, course dinner and course certificate.</p> <p>Accompanying persons A fee of EUR 100.00 will be charged, which includes coffee breaks, lunches, and the course dinner, without access to lecture and workshop rooms.</p> <p>Registration www.aotrauma.org/coursedirectory.aspx</p> <p>Accreditation AOTrauma Courses are accredited for continuing medical education (CME) programs. The number of credit points or hours varies from country to country. The final information and number of credit points will be distributed with the course certificate.</p> <p>Evaluation guidelines All AOTrauma courses apply the same evaluation process, either ARS (audience response system) or paper and pencil questionnaires. This will help AOTrauma to ensure that we continue to meet your training needs. In some regions, CME accreditation is dependent on the participant’s evaluation results.</p> <p>Security Security check at the entrance of the building. Wearing of a name tag is compulsory during lectures, workshops, and group discussions.</p> <p>Intellectual property Course materials, presentations, and case studies are the intellectual property of the course faculty. All rights are reserved. Check hazards and legal restrictions on www.aotrauma.org/legal.</p> <p>Recording, photographing, or copying of lectures, practical exercises, case discussions, or any course materials is absolutely forbidden.</p>	<p>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.</p> <div style="text-align: center;"> </div> <p>No insurance The course organization does not take out insurance to cover any individual against accidents, thefts or other risks.</p> <p>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.</p> <p>Dress code Casual or sportswear</p> <p>Hotel accommodations for participants Accommodation is not included in the course fee and must be organized and paid directly by the participants to the hotel.</p> <p>The Penz Hotel Adolf-Pichler-Platz 3 6020 Innsbruck, Austria T: +43 (0) 512 575 6570 www.the-penz.com</p> <h2 style="color: #0070C0;">Course venue</h2> <p>Medical University of Innsbruck Medizinzentrum Anichstrasse "MZA" Anrichstrasse 35</p>
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	Lower Level A-6020 Innsbruck, Austria www.i-med.ac.at
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Upcoming courses

7–8 September, 2012	AOTrauma Europe Regional Masters Seminar – Fractures around the Elbow	Budapest, Hungary
13–15 September, 2012	AOTrauma Europe Regional Masters Workshop – Shoulder with Anatomical Specimens	Graz, Austria
15–17 September, 2012	AOTrauma Europe Regional Masters Workshop – Elbow with Anatomical Specimens	Graz, Austria
2–4 November, 2012	AOTrauma Europe Regional Masters Seminar – Intramedullary Nailing	Tel Aviv/Jerusalem, Israel
January 12-13, 2013	AOTrauma Europe Regional Masters Workshop – Hand and Wrist with Anatomical Specimens	Basel, Switzerland