

Program

AOTrauma Courses with Practical Exercises on Human Specimens

September 07–23, 2014 Graz, Austria



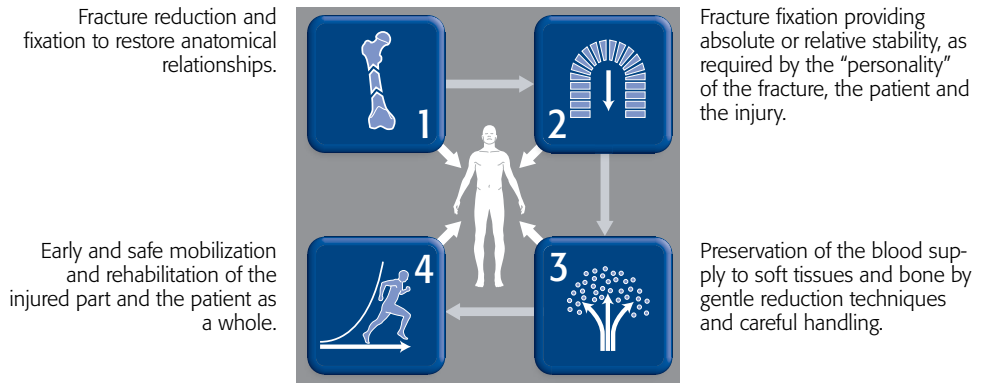
Home to Trauma & Orthopaedics

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 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



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.

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Foreword

Since 1960 Prof. Thiel has developed his own method of embalming cadavers in Graz. The aim was to facilitate both students and doctors of medicine to find conditions on cadavers comparable to living persons. Thus an optimal possibility was created: Surgeons of different special fields are now enabled to train surgery on cadavers as an exercise before acting on patients. In addition new instruments and new methods of surgical approaches have been and can be developed.

Thiel's method of embalming was published in 1992 and 2002 in *Annals of Anatomy*. Doctors and anatomists from all over the world have come to Graz in the meantime to learn his method in order to use it in their homelands for students education and in postgraduate courses for doctors.

Based on this embalming Prof. Thiel published also an atlas – named: *Photographic Atlas of Practical Anatomy*. The first edition – translated into many languages – is out of print, the second edition has been on sale since December 2002.

The main advantage of the new embalming is that the cadavers colour, consistency and movability are preserved to a very great extent. In Addition the storable stock solution and the working solutions are bactericidal, fungicidal and virucidal.

The institute of anatomy in Graz houses approximately one thousand doctors every year, who visit the institute to attend our workshops and postgraduate courses on embalmed cadavers as a result of the special facilities given.

Friedrich Anderhuber, MD Prof.

The course is dealing with surgical approaches, anatomy and techniques of osteosynthesis.

The main interest is extended practical exercises and hands-on-work on cadavers at the Institute of Anatomy by only two participants for each working station.

Beside the scientific program Graz – Europe's Culture Capital 2003 – UNESCO world Heritage Site – has a lot of attractions and sightseeing.

Wolfgang Grechenig, MD Prof.

Chairmen



Grechenig Wolfgang, Prim. Univ.Prof. Dr.
Unfallkrankenhaus der AUVA
Graz, Österreich

Gänsslen Axel, Prof. Dr. med.
Klinikum der Stadt Wolfsburg
Wolfsburg, Deutschland



Wagner Michael, Prim. Univ.Prof. Dr.
Präsident AOTrauma Österreich
Wilhelminenspital der Stadt Wien, Österreich

Orthner Ernst, Univ.Do.
Fusszentrum Wels
Wels, Österreich

Faculty

Anderhuber	Friedrich	o. Univ.Prof. Dr.	Medizinische Universität Graz, Institut für Anatomie
Bakota	Bore	MD	General Hospital Karlovac, Kroatien
Clement	Hans G.	OA Dr.	UKH Graz
Cretnik	Andrej	MD	University Clinical Centre Maribor, Traumatology, Slowenien
Feigl	Georg	Univ.Prof. Dr.	Medizinische Universität Graz, Institut für Anatomie
Fronhöfer	Georg	OA Dr.	UKH Graz
Gänsslen	Axel	OA Dr. med.	Klinikum der Stadt Wolfsburg, Unfallchirurgie, Deutschland
Grechenig	Stephan	Dr.	Universitätsklinik für Unfallchirurgie, Regensburg
Grechenig	Wolfgang	Univ.Prof. Dr.	UKH Graz
Hartl	Christoph	OA Dr.	LKH Steyr, Unfallchirurgie
Ivanic	Gerd	Prim. Doz. Dr.	Privatklinik Graz-Ragnitz, OK-Institut
Kalske	Juha	MD	Helsinki University Central Hospital, Jorvi Hospital, Finnland
Kastelec	Matej	MD	University Clinic Center Ljubljana, Slowenien
Kiljunen	Veikko	MD	Helsinki University Central Hospital, Töölö Hospital, Finnland
Klemola	Tero	MD	Oulu University Hospital, Oys, Finnland

Faculty

Koch	Horst	Univ.Prof. Dr.	Universitätsklinik für Chirurgie Graz, Klinische Abteilung für Plastische und Rekonstruktive Chirurgie
Lidder	Surijt	MD	Essex, UK
Lindahl	Jan	MD Prof.	Helsinki University Central Hospital, Department of Orthopaedics and Traumatology, Finland
Mandl	Jürgen	OA Dr.	UKH Graz
Matzi	Veronika	OA Dr.	UKH Graz
Messmer	Peter	Univ.Prof. Dr.	Zürich
Meznik	Alexander	OA Dr.	Unfallkrankenhaus Meidling, Wien
Mohajer	Azizbaig	OA Dr	LKH Stolzalpe, Orthopädie
Nerlich	Michael	Univ.Prof. Dr.	Universitätsklinik für Unfallchirurgie, Regensburg
Orthner	Ernst	Univ.Do. Dr.	Fusszentrum Wels
Pachucki	Andreas	Prim. Dr. .	Krankenhaus Amstetten, Unfallchirurgie
Plecko	Michael	OA Dr.	Unfallkrankenhaus Graz
Rois	Johannes	OA Dr.	Unfallkrankenhaus Meidling, Wien
Schintler	Michael	Univ.Prof. Dr.	Universitätsklinik für Chirurgie Graz, Klinische Abteilung für Plastische und Rekonstruktive Chirurgie
Smekal	Vinzenz	Prim. Univ.Prof. Dr.	UKH Klagenfurt
Spendel	Stephan	Univ.Prof. Dr.	Universitätsklinik für Chirurgie Graz, Klinische Abteilung für Plastische und Rekonstruktive Chirurgie
Staresinic	Mario	MD	University Hospital Merkur, Zagreb, Kroatien
Tesch	Norbert P.	Ass.Prof. Dr.	Medizinische Universität Graz, Institut für Anatomie
Thewanger	Georg	OA Dr.	Unfallkrankenhaus Linz
Vasenius	Jarkko	MD	Medical Centre Dextra, Helsinki, Finland
Velkes	Steven	MD	OFEK Medical, Tel Aviv, Israel
Wagner	Michael	Prim. Univ.Prof. Dr.	Wilhelminenspital der Stadt Wien, Abteilung für Unfallchirurgie und Sporttraumatologie
Weiglein	Andreas	Univ.Prof. Dr.	Medizinische Universität Graz, Institut für Anatomie
Weinberg	Annelie-M.	Prim. Prof. Dr.	Universitätsklinik für Orthopädie Graz und Mathias Spital Rheine, Deutschland
Zacherl	Maximilian	Univ.Do. Dr.	UKH Graz

Course objectives

- to broaden the knowledge and comprehension of operative fracture treatment according to the level of education or speciality
- to assist in decision making as to the optimal treatment modality according to the AO Principles
- to learn about the latest developments in research and clinical investigation
- to become acquainted with new techniques and technologies as well as alternative approaches in fracture treatment
- to improve the manual skills by practicing on different bone models
- 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

Target audience

- Trauma surgeons
- Orthopedic surgeons

Course description

The topics will be taught in lectures.

The lectures are followed by practical exercises on human specimens of the Anatomical Institute.

During these dissections key steps are projected on the screens.

Each working place is limited to 2 participants.

Faculty members are there to help you.

Each participant has one side of a complete head and neck site to dissect and one side to assist.

Instruments, gloves and gowns are supplied.

Course overview

AOTrauma Introductory Course

Principles in Operative Fracture Treatment

Chairman: Grechenig

September 07, 2014

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AOTrauma Advanced Course

Approaches & Osteosynthesis

Hands-on-Course in Traumatology

Chairman: Grechenig

September 08–12, 2014

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AOTrauma Workshop

"Fracture Management during the Growth"

Chairperson: Weinberg

September 12, 2014

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AOTrauma Course

Pelvic Advanced

Chairmen: Gänsslen, Lindahl

September 13–16, 2014

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AOTrauma Course

Foot & Ankle Surgery

Chairman: Grechenig, Orthner

September 17–19, 2014

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AOTrauma Course

Hand Surgery

Chairmen: Grechenig, Kastelec

September 20–23, 2014

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Sunday, September 07, 2014

AOTrauma Introductory Course
Workshop: Principles in Operative Fracture Treatment

TIME	AGENDA ITEM
09:00–10:00	Registration
10:00–10:15	Welcome
10:15–10:45	Standard screws & new screws
10:45–11:00	How to drill, tap, measure length...
11:00–12:30	Practical exercises: screws (different clinical applications)
12:30–13:00	Standard plates & new plates
13:00–13:45	LUNCH
13:45–14:00	Principles in angle stable plate fixation
14:00–16:00	Practical exercises: 1. Classical principles in plate fixation (neutralisation, compression, bridging) 2. LCP principles, DLS 3. Anatomical plates (prox. Humerus, PHILOS, distal radius two column plate)
16:00–16:30	COFFEE BREAK
16:30–16:45	Tension band
16:45–17:30	Practical exercises: tension band
17:30	End of Introductory Course

Monday, September 08, 2014

AOTrauma Advanced Course

Approaches & Osteosynthesis - Hands-on-Course in Traumatology

TIME	AGENDA ITEM
07:30–08:15	Registration
08:15–08:30	Welcome
08:30–08:55	Organizational comments
08:55–09:15	Surgical approaches shoulder
09:15–09:45	Practical exercises: anatomy of the shoulder
09:45–10:10	Practical exercises: subclavial artery
10:10–10:30	Practical exercises: approaches to the SC/AC joint, Clavicle plating, drilling, coracoid process anatomy
10:30–11:00	COFFEE BREAK
11:00–11:30	MIO – Upper extremity
11:30–12:30	Practical exercises: anterior approach to the glenohumeral joint, approach subacromial space, medial approach (vessels, nerves)
12:30–13:30	Practical exercises: humeral shaft fracture – anterolateral approach & plating
13:30–14:15	LUNCH
14:15–14:30	Humeral shaft fracture treatment
14:30–15:00	Practical exercises: anatomy of the glenohumeral joint posterior
15:00–15:30	Practical exercises: posterior approach to the glenohumeral joint
15:30–16:00	Practical exercises: surgical anatomy of the radial nerve
16:00–16:30	Practical exercises: humeral shaft fracture – dorsal approach & plating
16:30–17:00	COFFEE BREAK
17:00–17:20	Anatomy Elbow
17:20–18:00	Practical exercises: surgical anatomy - joint, ligaments
18:00	End of day 1

Tuesday, September 09, 2014

AO Trauma Advanced Course

Approaches & Osteosynthesis - Hands-on-Course in Traumatology

TIME	AGENDA ITEM
08:15–09:00	Practical exercises: surgical anatomy of the upper extremity – muscles, nerves
09:00–10:00	Practical exercises: surgical approaches: – elbow dorsal (olecranon osteotomy) – Boyd & Bryan Morrey
10:00–10:30	Approaches elbow
10:30–10:45	Video: Bryan Morrey
10:45–11:15	COFFEE BREAK
11:15–11:45	Forearm fracture
11:45–12:15	Practical exercises: anatomy radial nerve
12:15–13:30	Practical exercises: surgical approaches: – shaft of the ulna – elbow anterior, artery – radius anterior (Henry) – radius posterior (Thompson)
13:30–14:30	Practical exercises: forearm shaft fracture - surgical approach/plating
14:30–15:15	LUNCH
15:15–15:45	Practical exercises: approach axillar artery
15:45–16:00	Video: dermatofasciotomy upper extremity
16:00–16:15	Practical exercises: dermatofasciotomy upper extremity
16:15–16:30	Practical exercises: puzzle carpal bones
16:30–17:00	Surgical approaches to the distal radius
17:00–17:30	Practical exercises: distal radius - surgical approach
17:30–18:15	Practical exercises: approaches hand
18:15–18:30	Video: nerves upper extremity
18:30–19:00	Practical exercises: proximal amputation/coniotomy/digital thoracocentesis
19:00	End of day 2

Wednesday, September 10, 2014

AOTrauma Advanced Course

Approaches & Osteosynthesis - Hands-on-Course in Traumatology

TIME	AGENDA ITEM
08:30–09:00	Approaches knee
09:00–09:30	Practical exercises: anatomy knee
09:30–09:55	Practical exercises: dorsal approach to the knee
09:55–10:10	Practical exercises: approach popliteal artery
10:10–10:30	Practical exercises: dorsal approach to the ankle
10:30–11:00	COFFEE BREAK
11:00–11:30	Anatomy ankle
11:30–12:00	Practical exercises: surgical approach to the knee (anterior/medial/lateral), muscles specimens
12:00–12:30	Practical exercises: tibia head medial/lateral
12:30–13:00	Practical exercises: surgical approach to the ankle (anterior/medial/lateral)
13:00–13:45	LUNCH
13:45–14:15	Principles in angle stable plate fixation
14:15–14:30	Practical exercises: surgical anatomy (bone puzzle)
14:30–15:00	Practical exercises: approaches to talus & calcaneus
15:00–15:15	Practical exercises: anatomy Lisfranc
15:15–15:30	Practical exercises: approaches Chopart & Lisfranc
15:30–15:50	COFFEE BREAK
15:50–16:10	Practical exercises: approach femoral artery
16:10–16:20	Practical exercises: surgical anatomy of the foot
16:20–16:45	Practical exercises: special surgical exposures to the foot
16:45–17:15	Practical exercises: preparation & anatomy of the foot
17:15	End of day 3

Thursday, September 11, 2014

AOTrauma Advanced Course

Approaches & Osteosynthesis - Hands-on-Course in Traumatology

TIME	AGENDA ITEM
08:15–08:45	Principles of treatment: femur shaft fractures
08:45–08:55	Video: surgical approaches to the femur
08:55–09:15	Practical exercises: MIPO femur
09:15–09:45	Practical exercises: femur shaft fracture lateral approach & plating
09:45–10:15	Practical exercises: 1. Medial approach to the distal femur 2. Amputation
10:15–10:45	Approach to pelvis
10:45–11:15	COFFEE BREAK
11:15–11:25	Video: nerves lower extremity
11:25–12:15	Practical exercises: surgical anatomy of the nerves of lower extremity
12:15–12:35	Exposures for intramedullary nailing
12:35–13:00	Lecture & video: gastrocnemius/soleus muscle flap
13:00–16:00	WORKSHOP 1. Gastrocnemius/soleus muscle flap 2. IM-nailing – artificial bone – demonstration: humerus shaft, humerus proximal 3. IM-nailing – artificial bone – demonstration: LFN/RAFN 4. IM-nailing – artificial bone – demonstration: Expert Tibia Nail 5. Anatomy tour 6. Pelvic tamponade, approaches to pelvis
16:00	End of day 4

Friday, September 12, 2014

AOTrauma Advanced Course

Approaches & Osteosynthesis - Hands-on-Course in Traumatology

TIME	AGENDA ITEM
08:00–08:20	Compartmentsyndrom - lower extremity
08:20–08:30	Video: dermatofasciotomy lower extremity
08:30–09:00	Practical exercises: dermatofasciotomy in the lower extremity
09:00–09:10	Video: approaches tibia shaft
09:10–09:25	Practical exercises: MIPO tibia
09:25–10:15	Practical exercises: tibia shaft fracture (anterior approach & plate fixation)
10:15–10:30	Practical exercises: peroneal nerve preparation
10:30–10:45	Cancellous bone graft-iliac crest
10:45–11:00	Practical exercises: graft harvesting
11:00–11:15	COFFEE BREAK
11:15–11:45	Approaches to the hip
11:45–12:30	Demonstration: surgical anatomy hip & pelvis
12:30	End of AOTrauma Course „Approaches & Osteosynthesis“

Friday, September 12, 2014

AOTrauma Workshop

“Fracture Management during the Growth”

TIME

AGENDA ITEM

Scientific organization: Annelie Weinberg, MD Prof. Prim.

13:00

1. Pediatric trauma: what is different to adults
2. Biomechanics ESIN (Elastic Stable Intramedullary Nailing) & technical principles, indications, limits
3. Operative treatment of diaphyseal fractures: femur & forearm fractures
- Hands on: ESIN – femur & tibia** (plastic bone)
4. Postoperative care & implant removal
5. Operative treatment of metaphyseal fractures: K-wire osteosynthesis, screw fixations
6. Supracondylar humerus fractures: different treatment options (ESIN, Fixateur externe and K-wire osteosynthesis)

Hands on: K-wire stabilisation (cadaver & plastic bone)

- lateral condyle humerus
- medial epicondyle humerus
- supracondylar fractures
- subcapital fracture humerus

19:00

End of the Workshop “Fracture Management during the Growth”

Saturday, September 13, 2014

AOTrauma Course Pelvis Advanced

TIME	AGENDA ITEM
07:30–08:15	Registration
08:15–08:40	Welcome & organizational comments
	PELVIS
08:40–09:05	Classification
09:05–09:15	Hemipelvectomy
09:15–09:30	External fixator & pelvic clamp
09:30–09:50	Video: pelvic clamp
09:50–12:00	Practical exercises: 1. External fixator 2. Hemipelvectomy 3. Patient positioning, x-ray 4. Pelvic packing 5. Pelvic clamp
12:00–12:30	COFFEE BREAK
12:30–12:45	SIJ, sacrum
12:45–13:00	Symphysis
13:00–13:45	Practical exercises: symphysis, SIJ anterior
13:45–14:30	LUNCH
14:30–16:30	Practical exercises: 1. SIJ dorsal: plating ilioiliacal 2. SIJ screwing percutaneous 3. Walk around anatomy 4. Plating pelvic ramus 5. Sacral rods
16:30–17:15	Pelvic ring disruption - principles of treatment
17:15–17:45	COFFEE BREAK
17:45–18:00	Practical exercises: approach to symphysis
18:00–18:15	Practical exercises: SIJ anterior anatomy
18:15–18:45	Practical exercises: SIJ approach
18:45	End of day 1

Sunday, September 14, 2014

AOTrauma Course
Pelvis Advanced

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	Practical exercises: SIJ & sacrum dorsal anatomy
09:55–10:40	Practical exercises: approach to sacrum, screws, plate dorsal
10:40–11:10	COFFEE BREAK
	ACETABULUM
11:10–11:40	Classification
11:40–13:40	Practical exercises: 1. Acetabulum plate position dorsal, ORIF joint specimen 2. Anatomy ileoinguinal approach 3. Lumbopelvic fixation 4. Classification pelvis 5. Classification acetabulum
13:40–14:15	Practical exercises: anatomy of acetabulum
14:15–14:30	Video: approach iliacal, femoral artery
14:30–15:00	Video: ilioinguinal approach
15:00–15:30	Practical exercises: ilioinguinal approach
15:30–15:45	COFFEE BREAK
15:45–16:10	Computer assisted percutaneous fracture treatment
16:10–16:25	Acetabulum fracture: ORIF dorsal
16:25–16:40	Acetabulum fracture: ORIF ventral
16:40–17:10	Practical exercises: ORIF acetabulum fracture
17:10	End of day 2

Monday, September 15, 2014

AOTrauma Course Pelvis Advanced

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	Practical exercises: approach Kocher - Langenbeck
10:00–10:15	Practical exercises: Hamstring - refixation
10:15–10:30	Video: vessels & nerves of the hip
10:30–12:30	Practical exercises: 1. ORIF artificial bone 2. Reduction techniques, reduction instruments 3. Anatomy 4. Intrapelvic approach anatomy 5. Hip luxation "Ganz"
12:30–13:00	LUNCH
13:00–14:30	Case discussions
14:30–14:50	COFFEE BREAK
14:50–15:10	Fractures in the elderly
15:10–15:20	Video: anterior approach hip
15:20–15:45	Practical exercises: anterior approach hip
15:45–16:00	Fractures in children
16:00–16:30	Hip arthroscopy
16:30–16:45	Discussion
16:45	End of day 3

Tuesday, September 16, 2014

AOTrauma Course **Pelvis Advanced**

TIME	AGENDA ITEM
08:30–08:50	Infections
08:50–09:15	Hip arthrodesis – indication & technology
09:15–09:35	Intertrochanteric fracture
09:35–10:00	Periprosthetic fracture
10:00–10:30	COFFEE BREAK
10:30–11:00	Pelvic osteotomies
11:00–14:30	Practical exercises: 1. Minimal invasive approach 2. Arthroscopy hip 3. Clinical videos 4. Femur neck screwing: DHS, DHS buttress plate, PFN, PFNA 5 Hip arthrodesis 6. Osteotomies proximal femur
14:30	End of AOTrauma Course „Pelvis & Acetabulum“

Wednesday, September 17, 2014

AOTrauma Course **Foot & Ankle Surgery**

TIME	AGENDA ITEM
07:30–08:15	Registration
08:15–08:30	Welcome & organizational comments
08:30–09:00	Achilles tendon
09:00–09:15	Demonstration: percutaneous technique
09:15–10:30	Practical exercises: achilles tendon, suture, reconstruction, anchor, VY plasty
10:30–10:45	Practical exercises: anatomy puzzle
10:45–11:30	Practical exercises: anatomy of tendons, vessels & nerves
11:30–12:00	COFFEE BREAK
12:00–12:15	Ankle fracture classification
12:15–12:45	Ankle fracture treatment
12:45–13:30	Practical exercises: approaches ankle
13:30–14:15	Practical exercises: osteosynthesis ankle
14:15–15:00	LUNCH
15:00–15:45	Pilon tibial fracture
15:45–16:00	MIPO Tibia distal and Fibula
16:00–16:45	Practical exercises: anatomy: <ol style="list-style-type: none"> 1. tendons 2. biomechanics 3. vessels & nerves
16:45–17:05	Acute & chronical syndesmosis lesions
17:05–17:35	Fractures talus
17:35–17:50	Video: approaches talus
17:50–18:10	Metatarsal fractures
18:10–19:30	Practical exercises: reconstruction tibio-fibular-syndesmosis
19:30	End of day 1

Thursday, September 18, 2014

AOTrauma Course

Foot & Ankle Surgery

TIME	AGENDA ITEM
08:15–09:15	Practical exercises: osteosynthesis distal tibia
09:15–09:45	Practical exercises: MIPO tibia and fibula
09:45–10:00	The mangled extremity
10:00–10:15	Video: compartment syndrom lower extremity
10:15–10:45	Practical exercises: fasciotomy
10:45–11:00	COFFEE BREAK
11:00–11:15	Video: Nerves lower extremity
11:15–11:45	Practical exercises: anatomy talus, constructive anatomy of the talus (plastillin)
11:45–12:00	Practical exercises: osteosynthesis talus
12:00–12:30	Practical exercises: dorsal approach ankle & talus
12:30–13:30	LUNCH
13:30–13:45	Calcaneal fractures
13:45–14:00	Calcaneal fractures – percutaneous techniques
14:00–14:10	Practical exercises: anatomy calcaneus
14:10–14:20	Video: calcaneus lateral approach
14:20–14:40	Practical exercises: calcaneus lateral approach
14:40–15:00	Practical exercises: calcaneus medial approach

Thursday, September 18, 2014

AOTrauma Course

Foot & Ankle Surgery

TIME	AGENDA ITEM
15:00–16:15	Practical exercises: <ol style="list-style-type: none"> 1. Calcaneus percutaneous technique 2. Osteosynthesis metatarsalia 3. Walk around anatomy 4. Osteosynthesis calcaneus
16:15–16:30	COFFEE BREAK
16:30–16:50	Chopart & Lisfranc
16:50–17:10	Chronic ankle instability
17:10–17:20	Video: Lisfranc
17:20–18:30	Practical exercises: <ol style="list-style-type: none"> 1. Approach Chopart & Lisfranc 2. Chronic ankle instability 3. Retinaculum flap 4. Peroneus brevis plasty
18:30	End of day 2

Friday, September 19, 2014

AOTrauma Course

Foot & Ankle Surgery

TIME	AGENDA ITEM
08:30–09:00	Prosthesis ankle
09:00–09:30	Arthroscopy ankle & subtalar
09:30 –10:00	Arthrodesis ankle
10:00–10:30	Subtalar arthrodesis
10:30–11:00	COFFEE BREAK
11:00–12:30	Practical exercises: 1. Workshop ankle replacement 2. Workshop arthroscopy
12:30–14:00	Practical exercises: 1. Arthrodesis ankle 2. Subtalar arthrodesis
14:00–14:30	COFFEE BREAK
14:30–14:45	Tibialis posterior transfer
14:45–15:00	Arthrodesis Chopart & Lisfranc
15:00–16:00	Practical exercises: 1. Tibialis posterior transfer 2. Arthrodesis Chopart & Lisfranc
16:00–16:15	Luxation peroneus tendon
16:15–16:45	Tibialis posterior insufficiency
16:45–17:00	General principles in arthrodesis
17:00–18:00	Practical exercises: 1. Peroneus tendon luxation 2. Tibialis posterior insufficient
18:00	End of AOTrauma Course „Foot & Ankle Surgery“

Saturday, September 20, 2014

AOTrauma Course Hand Surgery

TIME	AGENDA ITEM
08:15–09:00	Registration
09:00–09:15	Welcome & organizational comments
09:15–10:15	Distal radius fracture treatment
10:15–11:00	Practical exercises: distal radius fracture, plating
11:00–11:10	Practical exercises: surgical anatomy distal radius
11:10–11:40	Practical exercises: surgical approaches distal radius
11:40–12:00	Practical exercises: approaches metacarpals & phalangeals
12:00–12:30	LUNCH
12:30–14:00	Practical exercises: 1. Fasciotomy 2. Anatomy: - extensor apparatus, flexor tendons, carpal tunnel - biomechanics - vessels & nerves 3. Two columns plate
14:00–14:30	Scaphoid fracture, non unions
14:30–15:00	External fixator
15:00–15:30	COFFEE BREAK
15:30–15:50	ORIF MC & phalanges
15:50–16:05	Fracture thumb
16:05–16:15	Video: scaphoid percutaneous technique
16:15–18:00	Practical exercises: 1. External fixator 2. Osteosynthesis scaphoid 3. Percutaneous screw fixation, small external fixator 4. ORIF MC
18:00	End of Day 1

Sunday, September 21, 2014

AOTrauma Course Hand Surgery

TIME	AGENDA ITEM
08:30–09:00	Forearm fracture
09:00–09:30	Compression syndromes upper extremity
09:30–11:10	Practical exercises: CTS, trigger finger, Guyon, De Quervain, UCL, approach scaphoid, approach Bennett
11:10–11:30	COFFEE BREAK
11:30–12:00	Rizarthrosis - principles of treatment
12:00–12:30	Denervation
12:30–14:00	Practical exercises: 1. Denervation 2. Resection arthroplasty 3. Arthrodesis MCP I plasty 4. Preparation of vessels & nerves 5. Walk around anatomy
14:00–14:50	LUNCH
14:50–15:20	Wrist arthrosis - principles of treatment
15:20–16:00	Carpal instability
16:00–16:20	Perilunate fracture treatment
16:20–16:35	Practical exercises: carpal bones - puzzle
16:35–18:30	Practical exercises: 1. Arthrodesis wrist 2. Midcarpal arthrodesis 3. Proximal row carpectomy 4. Dorsal capsulodesis 5. Perilunate fracture treatment
18:30	End of Day 2

Monday, September 22, 2014

AOTrauma Course Hand Surgery

TIME	AGENDA ITEM
08:30–09:00	Problems at the distal radioulnar joint
09:00–09:15	Ulnocarpal abutment syndrome
09:15–09:45	Ulna shortening, Kapandji & Darrach
09:45–11:15	Practical exercises: 1. Ulna shortening 2. Kapandji 3. Darrach 4. TFCC 5. PIP volar approach
11:15–11:45	COFFEE BREAK
11:45–12:15	Wrist arthroscopy
12:15–12:30	Video: wrist arthroscopy
12:30–13:40	Practical exercises: 1. Wrist arthroscopy 2. Ultrasound hand 3. Clinical examination hand
13:40–13:55	Video: extensor aponeurosis
13:55–14:45	Practical exercises: anatomy, snow plastic, distal refixation (Lengemann and anchor suture), arthrolysis PIP
14:45–15:00	COFFEE BREAK
15:00–15:15	Arthrodesis finger joints
15:15–15:30	Arthrodesis of the wrist
15:30–16:45	Practical exercises: arthrodesis finger joints
16:45–17:05	Corrective osteotomy MC & phalanges
17:05–18:00	Practical exercises: corrective osteotomy MC & phalanges
18:00	End of Day 3

Tuesday, September 23, 2014

AOTrauma Course

Hand Surgery

TIME	AGENDA ITEM
08:15–08:20	Organisational comments
08:20–08:35	Principles in hand surgery
08:35–08:55	Extensor tendon injuries
08:55–09:15	Flexor tendon injuries
09:15–09:30	Replantation
09:30–11:00	Practical exercises: <div><div>1. Extensor tendon suture & distal refixation</div><div>2. Extensor indicis plasty</div><div>3. Flexor tendon suture</div><div>4. Pulley refixation & reconstruction</div></div>
11:00–11:20	COFFEE BREAK
11:20–11:50	Nerv injuries & neuroma treatment
11:50–12:20	Burn injuries & scar management
12:20–12:40	Infections of the hand
12:40–13:00	Dupuytren’s contracture
13:00–14:00	LUNCH
14:00–14:30	Local hand flaps
14:30–14:50	Amputation
14:50–17:30	Practical exercises: <div><div>1. Scar treatment & Z-plasty</div><div>2. Rhomboid flaps</div><div>3. Crossfinger & reversed crossfinger flap</div><div>4. Moberg flap</div><div>5. Foucher flap</div><div>6. Distal pedicled metacarpal artery flap</div></div>
17:30	End of AOTrauma Course "Hand Surgery"

Organization

Grechenig Wolfgang, MD, Prof.

Universitätsklinik für Unfallchirurgie
Graz, Austria

Gesellschaft zur Forschung und Wissenschaftlichen
Weiterbildung der Unfallchirurgie Graz

Logistics

Industrial partner

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DePuy Synthes

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Course information

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Registration & Course fees

Please register online:

AOTrauma Introductory Course

http://GRAZ1409_intro.aotrauma.org

September 07, 2014

Course fee: Euro 130,-

AOTrauma Advanced Course „Approaches & Osteosynthesis“

http://GRAZ1409_OST.aotrauma.org

September 08–12, 2014

Course fee: Euro 1029,-

AOTrauma Workshop „Fracture Management during the growth“

http://GRAZ1409_GROWTH.aotrauma.org

September 12, 2014

Course fee: Euro 110,-

AOTrauma Course Pelvis Advanced

http://GRAZ1409_PEL.aotrauma.org

September 13–16, 2014

Course fee: Euro 730,-

AOTrauma Course Foot & Ankle Surgery

http://GRAZ1409_FOOT.aotrauma.org

September 17–19, 2014

Course fee: Euro 670,-

AOTrauma Course Hand Surgery

http://GRAZ1409_HAND.aotrauma.org

September 20–23, 2014

Course fee: Euro 730,-

Course fee

Covers admission, course bag, coffee breaks and lunch breaks.

Course account

Name of Account: „AO Kurssekretariat“, Bank Austria/Creditanstalt Salzburg

BIC: BKAUATWW IBAN: AT11 1100 0009 5161 6200

Please pay in Euro before August 26, 2014 and state your name on every remittance slip.

Bank charges must be paid by the participant.

After receipt of payment you will receive a confirmation of your registration.

Payment by credit card will not be accepted!

Cancellation

No refund for cancellations within 10 days before the event.

Information

Accreditation

AOTrauma Courses will get accreditation from the European Accreditation Council for Continuing Medical Education (EACCME) to provide CME activity for medical specialists.

The EACCME is an institution of the European Union of Medical Specialists (UEMS).

The definite number of credit points will be announced at the course.

Please note that continuous presence is obligatory and will be verified.

Course certificates are issued without exception at the end of the course and personally.

www.uems.net

Intellectual property

Course materials, presentations, and case studies are the intellectual property of the course faculty. All rights are reserved.

Recording, photographing or copying of lectures, practical exercises, case discussions, or any course materials is absolutely forbidden.

No insurance

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

Security

Wearing of a name tag is compulsory during lectures, workshops, and group discussions.

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.

Course language

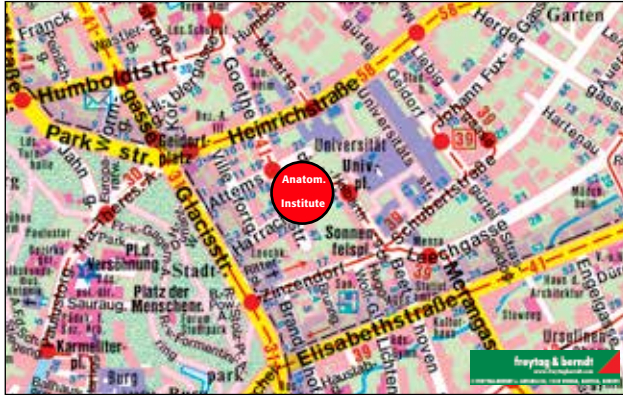
English

Dress code

Casual

Course venue

Anatomical Institute of the Medical University Graz
8010 Graz, Harrachgasse 21 (Entrance Goethestrasse 33)



Hotel information

www.grechenig.at/hotels/hotels.html

Hotel costs have to be paid separately and are not included in the course fee.

Notes



AOTrauma Membership Share your passion

Welcome to the AOTrauma member community.

The mission of the AOTrauma community is to deliver the knowledge, experience and evidence to change patients' lives and improve the effectiveness of trauma care.

Goals of AOTrauma membership

- Improve patient care through access to a range of education and knowledge services
- Deliver benefits designed to meet member needs
- Empower members, reward contribution and provide opportunity for personal growth in AOTrauma
- Provide the opportunity for members to give opinion, feedback and direction to AOTrauma
- Unite members under one global banner



Joining AOTrauma as a member

AOTrauma Member status is reserved exclusively for musculoskeletal trauma professionals who have already demonstrated participation in, and an understanding of AO principles and philosophy. AOTrauma Members must fulfill the following prerequisites:

- Musculoskeletal trauma professionals
- MD/DO must have attended AOTrauma Principles course
- Researcher must be involved in musculoskeletal related research activity

AOTrauma offers the possibility to sign up as Registered User if you don't fulfill the prerequisites. Registered Users are offered the AOTrauma Newsletter, course and event invitations and access to selected educational content.

Member status delivers further advantages and privileges:

- Access to extended member directory information
- Voting rights
- Can develop Member Award Level status
- Members may apply for official roles and positions (country/region define process)

AOTrauma annual membership dues are CHF 100 (€80/100 US\$).

Click here to register for AOTrauma Membership:
<http://www.aotrauma.org/quickregister1.aspx>

Driving Excellence in Trauma & Orthopaedic Surgery



Visit www.aotrauma.org for more information!

Home to [Trauma & Orthopaedics](#)