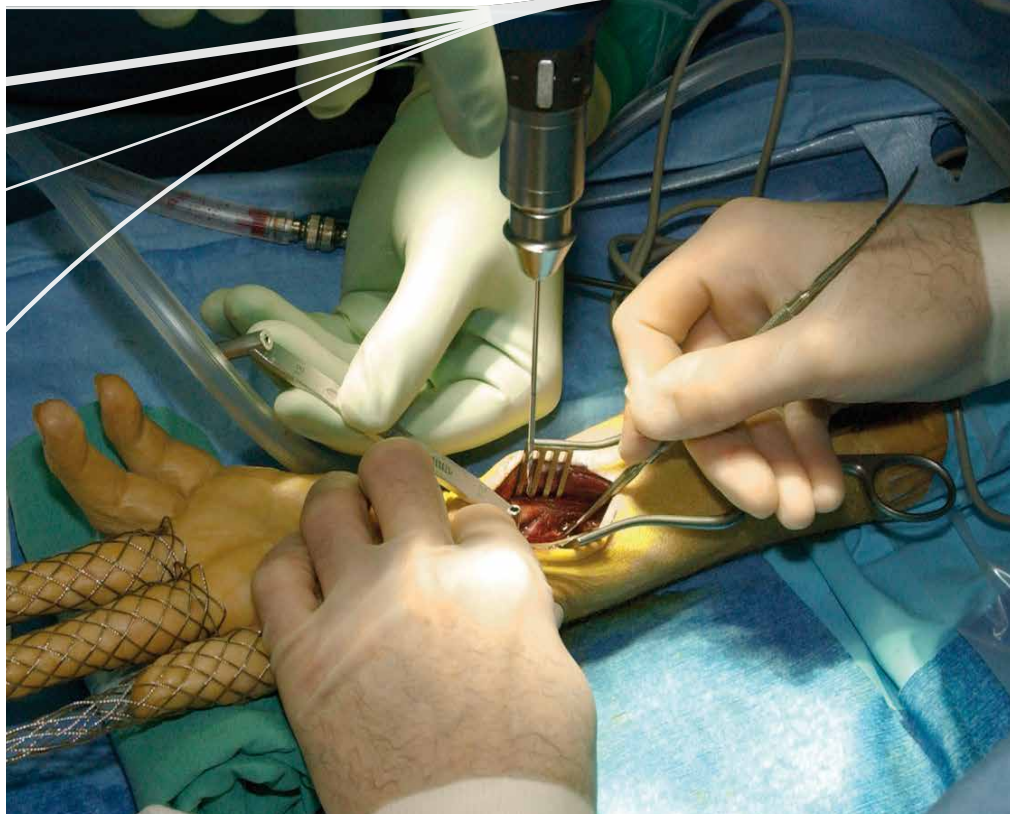


Program

AOTrauma courses with practical exercises on human specimens

September 06 – 22, 2015

Graz, Austria

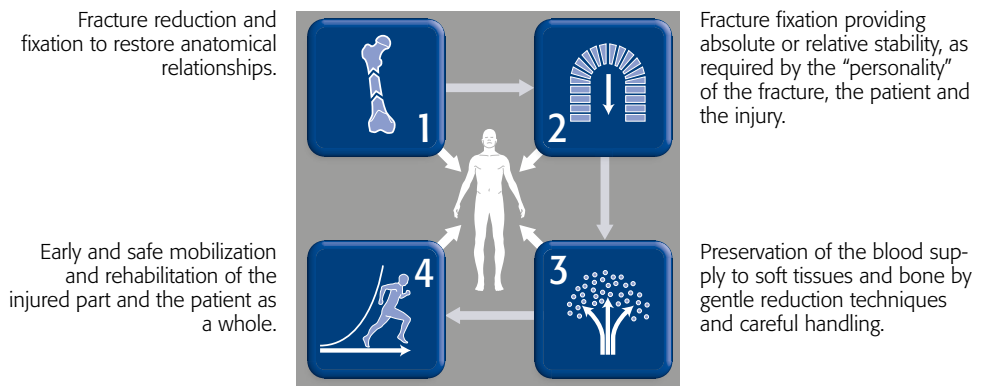


Home to Trauma & Orthopaedics

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.

Content

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2	The AO Principles of fracture management
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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, O.Univ.-Prof. Dr.

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 – chosen 2003 as Europe's Culture Capital UNESCO world Heritage Site – has a lot of attractions and sightseeing.

Wolfgang Grechenig, Ao.Univ.-Prof. Dr.

Chairmen



Grechenig Wolfgang, Ao.Univ.-Prof. Dr.
Univ. Klinik für Unfallchirurgie LKH Graz
Graz, Österreich



Wagner Michael, Univ.-Prof. Dr.
Präsident AOTrauma Österreich
Wien, 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	Ao.Univ.-Prof. Dr.	LKH Graz, Univ. Klinik für Unfallchirurgie
Hartl	Christoph	OA Dr.	LKH Steyr, Unfallchirurgie
Hilber	Franz	Dr.	Univ. Klinik für Unfallchirurgie Regensburg
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
Leithgöb	Otmar	OA Dr.	Univ. Klinik für Unfallchirurgie – LKH Graz

Lidder	Surijt	MD	Essex, UK
Lindahl	Jan	MD	Helsinki University Central Hospital, Department of Orthopaedics and Traumatology, Finland
Loibl	Markus	Dr.	Univ. Klinik für Unfallchirurgie Regensburg
Mandl	Jürgen	OA Dr.	UKH Graz
Matzi	Veronika	OA Dr.	UKH Graz
Meznik	Alexander	OA Dr.	Unfallkrankenhaus Meidling, Wien
Mohajer	Azizbaig	OA Dr.	LKH Stolzalpe, Orthopädie
Müller	Michael	OA PD Dr.	Univ. Klinik für Unfallchirurgie Regensburg
Nerlich	Michael	Univ.-Prof. Dr.	Universitätsklinik für Unfallchirurgie, Regensburg
Orthner	Ernst	Univ.Do. Dr.	Fusszentrum Wels
Pachucki	Andreas	Prim. Dr. .	Krankenhaus Amstetten, Unfallchirurgie
Rois	Johannes	OA Dr.	Unfallkrankenhaus Meidling, Wien
Schintler	Michael	Univ.-Prof. Dr.	Universitätsklinik für Chirurgie Graz, Klinische Abteilung für Plastische und Rekonstruktive Chirurgie
Schmitz	Paul	OA Dr.	Univ. Klinik für Unfallchirurgie Regensburg
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
Wagner	Michael	Univ.-Prof. Dr.	Präsident AOTrauma Österreich, Wien
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 06, 2015

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AOTrauma Advanced Course

Approaches & Osteosynthesis

Hands-on-Course in Traumatology

Chairman: Grechenig

September 07 – 11, 2015

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AOTrauma Workshop

“Fracture Management during the Growth”

Chairperson: Weinberg

September 11, 2015

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AOTrauma Course

Pelvic Advanced

Chairmen: Gänsslen, Lindahl

September 12 – 15, 2015

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AOTrauma Course

Foot & Ankle Surgery

Chairman: Grechenig, Orthner

September 16 – 18, 2015

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AOTrauma Course

Hand Surgery

Chairmen: Grechenig, Kastelec

September 19 – 22, 2015

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Sunday, September 06, 2015

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 and 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 and new plates
13:00 – 13:45	COMMON LUNCH
13:45 – 14:00	Principles in angle stable plate fixation
14:00 – 16:00	Practical exercises: Classical principles in plate fixation (neutralisation, compression, bridging) - LCP principles, DLS - 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 day 1

Monday, September 07, 2015

AOTrauma Course

Approaches and Osteosynthesis – Hands-on-Course in Traumatology

TIME	AGENDA ITEM
07:30 – 08:15	Registration
08:15 – 08:30	Welcome
08:30 – 08:55	Organisational comments
08:55 – 09:15	Surgical approaches shoulder
09:15 – 09:45	Practical exercises: anatomy of the shoulder
09:45 – 10:10	Practical exercises: subclavian 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 and plating
13:30 – 14:15	COMMON LUNCH
14:15 – 14:30	Humeral shaft fracture treatment
14:30 – 15:00	Practical exercises: anatomy – glenohum. 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 and 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 2

Tuesday, September 08, 2015

AOTrauma Course

Approaches and Osteosynthesis – Hands-on-Course in Traumatology

TIME	AGENDA ITEM
08:15 – 09:00	Practical exercise: surgical anatomy 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	BREAK
11:15 – 11:45	Forearm fracture
11:45 – 12:15	Practical exercises: anatomy
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	COMMON LUNCH
15:15 – 15:45	Practical exercises: approach axillar artery
15:45 – 16:00	Video: dermatofasciotomy upper extremity
16:00 – 16:15	Practical exercise: dermato fasciotomy upper extremity
16:15 – 16:30	Practical exercise: puzzle carpal bones
16:30 – 17:00	Surgical approaches to the distal radius
17:00 – 17:15	BREAK
17:15 – 17:45	Practical exercise: distal radius: surgical approach
17:45 – 18:30	Practical exercise: approaches hand
18:30 – 18:45	Video: nerves upper extremity
18:45 – 19:15	Practical exercise: proximal amputation: - coniotomy, - digital thoracocentesis
19:15	End of day 3

Wednesday, September 09, 2015

AOTrauma Course

Approaches and Osteosynthesis – Hands-on-Course in Traumatology

TIME	AGENDA ITEM
08:30 – 09:00	Approaches knee
09:00 – 09:30	Practical exercise: anatomy
09:30 – 09:55	Practical exercise: dorsal approach to the knee
09:55 – 10:10	Practical exercise: approach popliteal artery
10:10 – 10:30	Practical exercise: dorsal approach to the ankle
10:30 – 11:00	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 / lateral / medial
13:00 – 13:45	COMMON LUNCH
13:45 – 14:15	Principles in angle stable plate fixation
14:15 – 14:30	Practical exercise: surgical anatomy (bone puzzle)
14:30 – 15:00	Practical exercises: approaches: talus / calcaneus
15:00 – 15:15	Practical exercise: anatomy
15:15 – 15:30	Practical exercises: approach – Chopart / Lisfranc
15:30 – 15:50	BREAK
15:50 – 16:10	Practical exercises: approach femoral artery
16:10 – 16:20	Practical exercise: surgical anatomy to the foot
16:20 – 16:45	Practical exercises: special surgical exposures to the foot
16:45 – 17:15	Practical exercises: preparation anatomy foot
17:15	End of day 4

Thursday, September 10, 2015

AOTrauma Course

Approaches and Osteosynthesis – Hands-on-Course in Traumatology

TIME	AGENDA ITEM
08:15 – 08:45	Principles of treatment: femur shaft fracture
08:45 – 08:55	Video: surgical approaches to the femur
09:15 – 09:45	Practical exercise: femur shaft fracture lateral approach and plating
09:45 – 10:15	Practical exercise: medial approach to the distal femur, Amputation
10:15 – 10:45	Exposures for intramedullary nailing
10:45 – 11:15	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	Approach pelvis
12:35 – 13:30	COMMON LUNCH
13:30 – 14:00	Video: gastrocnemius / soleus muscle flap
14:00 – 17:00	WORKSHOP - Gastrocnemius / soleus muscle flap - IM-nailing – artificial bone – demonstration – lecture hall - Anatomy Tour - pelvic tamponade, approaches pelvis
17:00	End of day 5

Friday, September 11, 2015

AOTrauma Course

Approaches and 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 exercise: dermatofasciotomy in the lower extremity
09:00 – 09:10	Video: approaches tibia shaft
09:10 – 09:25	Practical exercise: MIPO tibia
09:25 – 10:15	Practical exercise: tibia shaft fracture: anterior approach and plate fixation
10:15 – 10:30	Practical exercise: peroneal nerve preparation
10:30 – 10:45	Cancellous bone graft-iliac crest
10:45 – 11:00	Practical demonstration: graft harvesting
11:00 – 11:15	BREAK
11:15 – 11:45	Approaches hip
11:45 – 12:30	Demonstration: surgical anatomy – hip / pelvis
12:30	End of day 5

Friday, September 11, 2015

AOTrauma Workshop

Fracture management during the growth

TIME	AGENDA ITEM
13:00 – 19:00	Scientific Organisation: A. Weinberg, MD, Prim. Univ. Prof. 1. Paediatric trauma: what is different to adults 2. Biomechanics ESIN (elastic stable intramedullary nailing) and technical principles, indications, limits 3. Operative treatment of diaphyseal fractures: femur fractures, Forearm fractures Hands on course ESIN – femur, tibia (plastic bone) 4. Postoperative care and 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 course K-wire stabilisation: lateral condyle humerus, medial epicondyle humerus, supracondylar fracture, subcapital fracture humerus (cadaver and plastic bone)
19:00	End of day 6

Saturday, September 12, 2015

AOTrauma Course Pelvic Advanced Course

TIME	AGENDA ITEM
08:15 – 08:30	Welcome
08:30 – 08:40	Organisational comments
	PELVIS
08:40 – 09:05	Classification
09:05 – 09:15	Hemipelvectomy
09:15 – 09:30	External fixateur / pelvic clamp
09:30 – 09:50	Video : pelvic clamp
09:50 – 12:40	Practical exercise: 1+2) external fixateur 3) hemipelvectomy 4) patient positioning / x-ray 5) pelvic packing 6) pelvic clamp
11:00 – 11:30	COFFEE BREAK
12:40 – 12:50	SIJ / sacrum
12:50 – 13:10	Symphysis
13:10 – 14:15	LUNCH PROVIDED
14:15 – 16:30	Practical exercise: 1+2) plating symphysis, ISG anterior 3) SIJ dorsal: plate ilioiliacal 4) Sacral rods 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	Practical exercise: symphysis: approach
18:15 – 18:30	Practical exercise: SIJ anterior anatomy
18:30 – 19:00	Practical exercise: SIJ approach
19:00	End of day 1

Sunday, September 13, 2015

AOTrauma Course Pelvic Advanced Course

TIME	AGENDA ITEM
08:15 – 08:30	Sacrum fracture
08:30 – 08:50	Lumbopelvic fixation
08:50 – 09:10	Principles of treatment in complex tr
09:10 – 09:55	Practical exercise: SIJ and sacrum dorsal anatomy
09:55 – 10:40	Practical exercise: approach 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) + 6) Classification acetabulum
13:45 – 14:15	Practical exercise: anatomy
14:15 – 14:30	Video: approach iliacal, femoral artery
14:30 – 15:00	Video: ilioinguinal approach
15:00 – 15:30	Practical exercise: ilioinguinal approach
15:30 – 15:45	COFFEE BREAK
15:45 – 16:10	Computer-assisted perc. fracture treatment
16:10 – 16:25	Acetabulum fracture: ORIF dorsal
16:25 – 16:40	Acetabulum fracture: ORIF ventral
16:40 – 17:10	Practical exercise: ORIF acetabulum
17:10	End of day 2

Monday, September 14, 2015

AOTrauma Course Pelvic Advanced Course

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 exercise: Kocher Langenbeck
10:00 – 10:15	Practical exercise: hamstring – refixation
10:15 – 10:30	Video: vessels, nerves hip
10:30 – 12:30	Practical exercise: 1) + 2) ORIF artificial bone 3) reduction techniques, instruments 4) anatomy 5) Intrapelvic approach anatomy 6) hip luxation "Ganz"
12:30 – 13:00	LUNCH PROVIDED
13:00 – 14:30	Case discussion
14:30 – 14:50	COFFEE BREAK
14:50 – 15:10	Fracture in the elderly
15:10 – 15:20	Video: anterior approach hip
15:20 – 15:45	Practical exercise: anterior approach hip
15:45 – 16:00	Fracture children
16:00 – 16:30	Hip arthroscopy
16:30	Discussion
	End of day 3

Tuesday, September 15, 2015

AOTrauma Course
Pelvic Advanced Course

TIME	AGENDA ITEM
08:30 – 08:50	Infections
08:50 – 09:15	Hip arthrodesis – indication/technologie
09:15 – 09:35	Intertrochanteric fracture
09:35 – 10:00	Periprosthetic fracture
10:00 – 10:30	COFFEE BREAK
10:30 – 14:00	Practical exercise: 1) minimal invasive approach 2) Arthroscopy hip 3) clinical Videos 4) Femur neck screwing, DHS, buttress plate, PFN, PFNA 5) hip arthrodese
14:00	End of day 4

Wednesday, September 16, 2015

AOTrauma Course

Foot and Ankle Surgery

TIME	AGENDA ITEM
08:15 – 08:30	Welcome
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 (tendon, 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 – 17:00	Practical exercises: ORIF / PILON (plates, hybrid fixateur)
17:00 – 17:15	Chronic ankle instability
17:15 – 17:30	COFFEE BREAK
17:30 – 17:45	Luxation peroneus tendon
17:45 – 18:00	Tibialis posterior transfer
18:00 – 19:00	Practical exercises: chronic ankle instability (Retinaculum flap, Peroneus brevis plasty) Luxation peroneus tendon, tibialis posterior transfer
19:00 – 19:20	Fracture metatarsals and phalangen
19:20	End of day 1

Thursday, September 17, 2015

AOTrauma Course

Foot and Ankle Surgery

TIME	AGENDA ITEM
08:00 – 08:30	General principles in arthrodesis
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	LUNCH
14:30 – 14:45	Tibialis posterior insufficiency
14:45 – 15:15	Practical exercises: tibialis posterior insufficiency
15:15 – 16:00	Practical exercises anatomy: 1) tendon 2) biomechanic 3) vessels and nerves
16:00 – 16:15	COFFEE BREAK
16:15 – 16:45	Acute and chronic syndesmosis lesions
16:45 – 17:00	Video: nerves lower extremity
17:00 – 18:00	Practical exercises: reconstruction tibia-fibula Syndesmosis
18:00	End of day 2

Friday, September 18, 2015

AOTrauma Course

Foot and Ankle Surgery

TIME	AGENDA ITEM
08:15 – 08:45	The mangled extremity
08:45 – 09:15	Compartment syndrome lower extremity
09:15 – 09:45	Practical exercises: MIPO Tibia distal, fibula
09:45 – 10:00	Video: compartment syndrome. Fasciotomy
10:00 – 10:15	Practical exercises: Fasciotomy
10:15 – 10:30	COFFEE BREAK
10:30 – 11:00	Talus
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

Friday, September 18, 2015

AOTrauma Course

Foot and Ankle Surgery

TIME	AGENDA ITEM
13:30 – 13:45	Calcaneal fractures
13:45 – 14:00	Calcaneal fractures – percutan 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
15:00 – 16:15	Practical exercises: 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	Video: Lisfranc
17:10 – 18:00	Practical exercises: approach Chopart / Lisfranc 1) Chronic angle in stability (Retinaculum flap, 2) Peroneus brevis plasty), Arthrodesis Chopart / Lisfranc
18:00	End of day 3

Saturday, September 19, 2015

AOTrauma Course

Hand Surgery

TIME	AGENDA ITEM
08:30 – 08:45	Welcome
08:45 – 09:45	Distal radius fracture treatment
09:45 – 10:45	Practical exercise: distal radius fracture : plating
10:45 – 10:55	Practical exercise: surgical anatomy
10:55 – 11:05	Practical exercise: surgical approach
11:05 – 12:00	Practical exercise: approaches metacarpals / phalangeals
12:00 – 12:30	LUNCH
12:30 – 14:00	Practical exercise: 1) fasciotomy 2) anatomy - extensor apparatus, flexor tendons, carpal tunnel - biomechanics - vessels and nerves 3) two collum plate
14:00 – 14:30	Scaphoid fracture / non unions
14:30 – 15:00	External fixateur
15:00 – 15:30	COFFEE BREAK
15:30 – 15:50	ORIF MC / phalanges
15:50 – 16:00	Video: scaphoid percutaneous technique
16:00 – 18:00	Practical exercise: 1) external fixateur 2) osteosynthesis scaphoid 3) - percutaneous screw fixation - small external fixateur 4) ORIF MC
18:00	End of day 1

Sunday, September 20, 2015

AOTrauma Course

Hand Surgery

TIME	AGENDA ITEM
08:30 – 09:00	Bennet fracture treatment
09:00 – 09:30	Compression syndromes upper extremity
09:30 – 11:10	Practical exercise: 1. 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 exercise: 1) Denervation 2) Resection arthroplasty 3) Arthrodesis MCP I plasty 4) MCPI plasty 5) Praeparation vessel / nerves 6) walk around anatomy
14:00 – 14:50	LUNCH PROVIDED
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 exercise: carpal bones – puzzle
16:35 – 18:30	Practical exercise: 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 21, 2015

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 exercise: 1) Ulna shortening 2) Kapandji 3) Darrach 4) TFCC 5) PIP volar approach
11:15 -11:45	LUNCH
11:45 – 12:15	Wrist arthroscopy
12:15 – 12:30	Video: wrist arthroscopy
12:30 – 13:40	Practical exercise: 1) wrist arthroscopy 2) ultrasound hand 3) clinical examination hand
13:40 – 13:55	Video : extensor aponeurosis
13:55 – 14:45	Practical exercise : anatomy, snow plastic 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 exercise: arthrodesis finger joints
16:45 – 17:05	corrective osteotomie MC / phalanges
17:05 – 18:00	Practical exercise: Corrective osteotomie MC / phalanges
18:00	End of day 3

Tuesday, September 22, 2015

AOTrauma Course

Hand Surgery

TIME	AGENDA ITEM
8:15 – 8:20	Organizational comments
8:20 – 8:35	Principles in hand surgery
8:35 – 8:55	Extensor tendon injuries
8:55 – 9:15	Flexor tendon injuries
9:15 – 9:30	Replantation
9:30 – 11:00	Practical exercises: 1) Extensor tendon suture/distal refixation 2) Extensor indicis plasty 3) Flexor tendon suture 4) Pulley refixation/reconstruction
11:00 – 11:20	COFFEE BREAK
11:20 – 11:40	Nerv injuries and neuroma treatment
12:00 – 12:20	Burn injuries and 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: 1) Scar treatment / Z-plasty 2) Rhomboid flaps 3) Crossfinger/reversed crossfinger flap 4) Moberg flap 5) Foucher flap 6) Distal pedicled metacarpal artery flap
17:30	End of day 4

Organization

Grechenig Wolfgang, Ao.Univ.-Prof. Dr.

LKH Universitätsklinikum Graz
Univ. Klinik für Unfallchirurgie
Auenbruggerplatz 5
A-8036 Graz

Logistics

Industrial partner

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Course information

AO Course office

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e-Mail reischl.sylvia@ao-courses.com

Registration & Course fees

Please register online:

AOTrauma Introductory Course

http://GRAZ1509_intro.aotrauma.org

September 06, 2015

Course fee: Euro 130,–

AOTrauma Advanced Course „Approaches & Osteosynthesis“

http://GRAZ1509_OSTEO.aotrauma.org

September 07 – 11, 2015

Course fee: Euro 1029,–

AOTrauma Workshop „Fracture Management during the growth“

http://GRAZ1509_GROWTH.aotrauma.org

September 11, 2015

Course fee: Euro 110,–

AOTrauma Course Pelvis Advanced

http://GRAZ1509_PEL.aotrauma.org

September 12 – 15, 2015

Course fee: Euro 730,–

AOTrauma Course Foot & Ankle Surgery

http://GRAZ1509_FOOT.aotrauma.org

September 16 – 18, 2015

Course fee: Euro 670,–

AOTrauma Course Hand Surgery

http://GRAZ1509_HAND.aotrauma.org

September 19 – 22, 2015

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 21, 2015 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

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

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