

Course program

AOTrauma Course—Advanced Principles of Fracture Management

November 2-4, 2017, Taipei, Taiwan



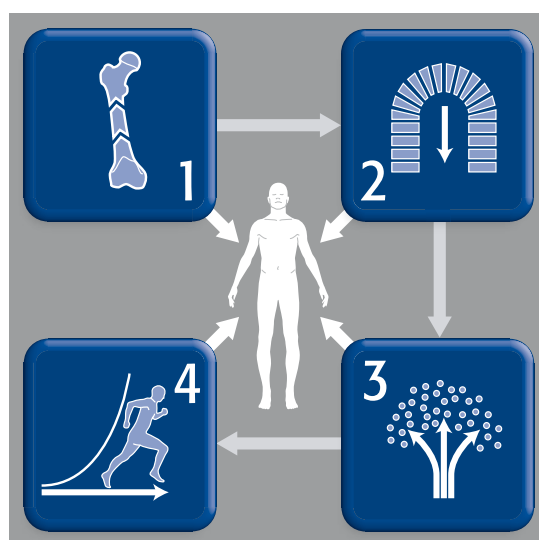
Value statement

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

Fracture reduction and fixation to restore anatomical relationships.

Early and safe mobilization and rehabilitation of the injured part and the patient as a whole.



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

Preservation of the blood supply to soft tissues and bone by gentle reduction techniques and careful handling.

Dear AOTrauma course participant,

Welcome to the AOTrauma Course—Advanced Principles of Fracture Management, which is planned and delivered to meet your needs using a competency-based curriculum approach and the AO's seven principles for high-quality education.

AOTrauma's innovative approach to education has been further strengthened as a result of the successful collaboration with the AO Education Institute in the application of state-of-the-art educational concepts in curriculum planning and all faculty development programs.

This course is one of our many educational activities for providing lifelong learning, from the Residents Education Program through to specialized Continuing Professional Development (CPD) for practicing surgeons and clinicians.

We believe that your active engagement in this course will result in improved care for your patients. Your current level of knowledge and skills will be challenged by the activities and throughout the entire event. We are confident that the combination of education principles and relevant content from our curriculum, as well as your interaction with colleagues and expert faculty will provide an effective learning experience that meets your needs.

This course is part of an overall competency-based educational program that includes many other activities and resources for self-directed learning. The educational activities in each program are developed by an international taskforce of clinical experts and educationalists and made available to you through the Education section of www.aotrauma.org.

We hope you enjoy the course and benefit from the networking opportunities it provides for you to share experiences with your colleagues.

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Wa'el Taha
Chairperson AOTrauma
Education Commission



Kodi Kojima
Chairperson AOTrauma
International Board

If you enjoy the experience during your course and would like to stay in touch with the organization and its international network of surgeons, we invite you to become a member of AOTrauma. The benefits of membership, including options to get involved in new opportunities that advance trauma care are described at www.aotrauma.org.



Goal of the course

The AOTrauma Course—Advanced Principles of Fracture Management builds upon the AO principles and techniques learned in the AOTrauma Course—Basic Principles of Fracture Management and focuses on the principles and techniques of operative fracture management in more complex injuries.

Target participants

The AOTrauma Course—Advanced Principles of Fracture Management is targeted at surgeons who are at the threshold of becoming independent surgeons and taking over decision-making responsibility for the treatment of complex injuries. Participants must have already completed the AOTrauma Course—Basic Principles of Fracture Management and must be actively involved in trauma management.

Learning objectives

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

- Apply reduction techniques in fracture management with attention to soft tissues
- Assess and treat complex diaphyseal and (peri)articular fractures using advanced application techniques
- Demonstrate strategies for assessing and treating open fractures and soft-tissue injuries
- Initiate appropriate management for patients with pelvic injuries and polytrauma
- Recognize complications and manage them accordingly

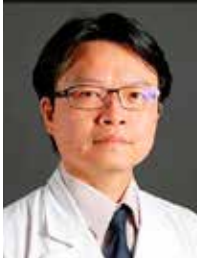
Course description

Online precourse self-assessment prepares participants for the course and allows the faculty to tailor the course to the needs of the participants. Before attending the course, participants are expected to complete an online module on fracture reduction.

The course will be taught in a modular format. Each module consists of several evidence-based lectures, which will cover the key information required. In practical exercises participants will be trained in the application of various techniques. Discussing cases in small groups will help participants to understand

decision-making and management skills. After the course, an online postcourse self-assessment will provide participants an opportunity to review the important topics from the course. In order to support self-directed learning, a range of additional online resources will be offered.

Chairperson



Yu-Ping Su

Taipei Veterans General Hospital,
Taiwan

Co-Chairperson

Chou	Ying-Chao	Taiwan	Chung Gang Memorial Hospital
Ma	Ching-Hou	Taiwan	E-Da Hospital

International Faculty

Van der Werken	Christiaan	Netherlands	University Medical Centre Utrecht
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Regional Faculty

Jarayabhand	Rahat	Thailand	Bhumibol Adulyadej Hospital
Lau	Tak Wing	Hong Kong	Queen Mary Hospital

Local Faculty

Chen	Chiang-Sang	Taiwan	Far Eastern Memorial Hospital
Chen	Chih-Hui	Taiwan	Taichung Veterans General Hospital
Chiang	Chao-Ching	Taiwan	Taipei Veterans General Hospital
Chiang	Yi-Hung	Taiwan	National Yang-Ming University Hospital
Lee	Pei-Yuan	Taiwan	Show Chwan Memorial Hospital
Lin	Kai-Cheng	Taiwan	Kaohsiung Veterans General Hospital
Shih	Kao-Shang	Taiwan	Shin Kong Wu Ho-Su Memorial Hospital
Wu	Chin-Hsien	Taiwan	E-DA Hospital
Wu	Po-Ting	Taiwan	National Cheng Kung University Hospital

Table Instructor

Chen	Cheng-Kuang	Taiwan	Shin Kong Hospital
Carlos Guillermo Claverie	Martinez	Taiwan	Taipei Veterans General Hospital
Lee	Chia-Lin	Taiwan	Kaohsiung Armed General Hospital
Lin	Tsung-Chih	Taiwan	St.Martin De Porres Hospital
Liu	Kuan-Lin	Taiwan	Hualien Tzu Chi Hospital
Liu	Kuo-Hao	Taiwan	Yang-Ming University Hospital
Wu	Chun-Sheng	Taiwan	Taipei City Hospital
Yang	Shi-Hsien	Taiwan	Taipei Hospital, Ministry of Health & Wealth

Thursday, November 2, 2017

TIME	AGENDA ITEM	WHO
08:30-09:15	Registration	
09:15-09:25	Introduction / Welcome	Yu-Ping Su
	Review of the principles and new techniques	Moderator: PY Lee
09:25-09:40	AO history and lifelong learning	PY Lee
09:40-09:55	Tissue vitality and effect of injury	TW Lau
09:55-10:10	Clinical indication for locked plating	C Van der Werken
10:10-10:25	MIO - Minimizing surgical footprint?	Rahat J
10:25-10:35	ARS	
10:35-10:55	COFFEE BREAK	
10:55-12:15	Practical Exercise 1 Fixation of a four-fragment fracture in the proximal humerus using Philos	CH Chen
12:15-12:30	Group photo	
12:20-13:30	LUNCH	
	Injuries of the upper limb	Moderator: YP Su
13:30-13:45	Fractures of the clavicle: when and how to operate - indications and methods of fixation	CH Wu
13:45-14:00	Proximal humeral fractures - to fix, to replace, or nonoperatively	Rahat J
14:00-14:15	Distal humerus - intraarticular fractures and complications	YC Chou
14:15-14:30	Fractures dislocation of the elbow	TW Lau
14:30-14:45	Distal radial fractures	C Van der Werken
14:45-14:55	ARS	
14:55-15:15	COFFEE BREAK	
15:15-16:30	Group Discussion I - Reduction techniques - concepts and application	All
16:30-17:45	Practical Exercise 2 Fixation of an intraarticular distal radius fracture using the 2.4 mm VA-LCP Two-Column Distal Radius Plate	YC Chou
17:45	END OF THE DAY	

Friday, November 3, 2017

TIME	AGENDA ITEM	WHO
	Injuries of the lower limb I	Moderator: CC Chiang
08:00-08:15	Femoral neck fractures - different patients;different problems	CS Chen
08:15-08:30	Intertrochanteric fractures - treatment options and outcomes	CH Chen
08:30-08:45	Current treatment and options of subtrochanteric fractures	C Van der Werken
08:45-09:00	Distal femoral fractures - treatment options and outcomes	KS Shih
09:00-09:10	ARS	
09:10-10:25	Group Discussion II - Upper extremity fractures - decision making and methods of stabilization	All
10:25-10:45	COFFEE BREAK	
10:45-12:00	Practical Exercise 3 IM nail of a proximal femur using PFNA	KS Shih
	Injuries of the lower limb II	Moderator: CH Chen
12:00-12:15	Complex tibial plateau fractures	Rahat J
12:15-12:30	Tibial shaft fractures	TW Lau
12:30-12:45	Early and definiteive treatment of pilon fractures	C Van der Werken
12:45-13:00	Complex Malleolar Fracture	PT Wu
13:00-13:15	Calcaneal fracture - predicting and avoiding problems	CC Chiang
13:15-13:25	ARS	
13:25-14:25	LUNCH	
14:25-15:40	Group Discussion III - Fractures of the femur	
15:40-16:00	COFFEE BREAK	
16:00-17:15	Practical Exercise 4 Bi-condylar fracture of the tibial plateau with LCP Proximal	PT Wu

Saturday, November 4, 2017

TIME	AGENDA ITEM	WHO
08:00-09:30	Practical Exercise 5 Pilon Tibial Fracture using an LCP distal tibia plate	KC Lin
09:30-10:40	Group Discussion IV - Fractures of the tibia, ankle, and foot	
10:40-11:00	COFFEE BREAK	
	Polytrauma, pelvis and acetabulum	Moderator: CH Ma
11:00-11:15	State-of-the-art in the management of multiple injured patients	TW Lau
11:15-11:30	Evaluation and emergency management of pelvic ring injuries	KC Lin
11:30-11:45	Principles of acetabular fracture management	YP Su
11:45-11:55	ARS	
11:55-13:10	LUNCH	
13:10-14:25	Group Discussion V - Decision making in difficult fracture problems and polytrauma patients	All
	Difficult fractures & Problems -Combined Session	Moderator: YC Chou
14:25-14:40	Infection after ORIF	Rahat J
14:40-14:55	Principles of management of open fractures	YH Chiang
14:55-15:10	Treatment of metaphyseal and diaphyseal nonunions	TW Lau
15:10-15:25	Mangled extremity management	CH Ma
15:25-15:40	Violation of AO Principle	C Van der Werken
15:40-15:50	Evaluation of the course	
15:50-16:00	Closing Remark	
16:00	END OF THE COURSE	

Course organization

AOTrauma Asia Pacific
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Kowloon, Hong Kong
Phone +852 2581 1775
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Email aotap@aotrauma.org

Course information

Evaluation guidelines

All AOTrauma courses apply the same evaluation process, either audience response system (ARS) 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.

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.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 course 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.

Course venue

Taipei Veterans General Hospital
No.201, Sec. 2, Shipai Rd., Beitou District, Taipei City, Taiwan

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