

Course program

# AOTrauma Course—Pediatric

August 8-10, 2016, Kuala Lumpur, Malaysia



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.

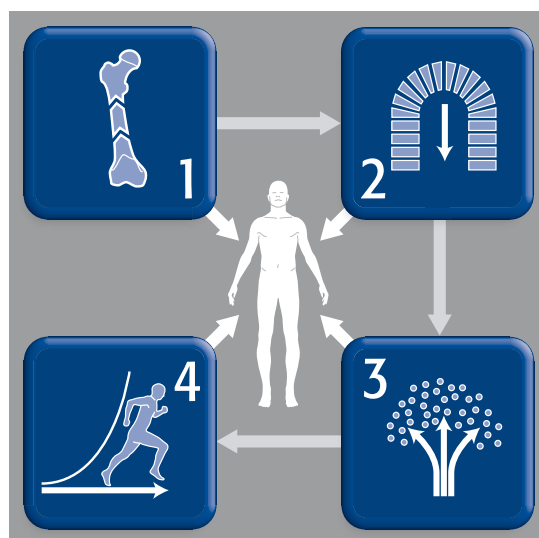
## 7 Principles of Education



## 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 course participants,

Welcome to the AOTrauma Course—Pediatric 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.

AO Trauma'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](http://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.



Kodi Kojima  
Chairperson AOTrauma  
Education Commission



John (Jack) Wilber  
Chairperson AOTrauma  
International Board

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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](http://www.aotrauma.org).

## Chairperson



Aik Saw  
University Malaya Medical Center

## International Faculty

Kremli	Mamoun	Saudi Arabia	King Khalid University Hospital
Slongo	Theddy	Switzerland	University Children's Hospital of Bern

## Regional Faculty

Hui	James	Singapore	National University Hospital Singapore
Madhuri	Vrisha	India	Christian Medical College and Hospital

## Local Faculty

Abd Rashid	Abdul Halim	Malaysia	University Kebangsaan Malaysia Medical Centre
Alsir	Ashraf	Malaysia	University of Malaya Medical Centre
Awang	Mohd Shukrimi	Malaysia	International Islamic University of Malaysia
Gunalan	Roshan	Malaysia	University of Malaya Medical Centre
Hamidi	Mohd Azli Abdul	Malaysia	Kuala Lumpur Hospital
Ibrahim	Sharaf	Malaysia	Universiti Kebangsaan Malaysia Medical Center
Markandan	Luan	Malaysia	Queen Elizabeth Hospital Kota Kinabalu
Osman	Zulkiflee	Malaysia	Pulau Pinang Hospital
Penafort	Robert	Malaysia	Damansara Specialist Hospital
Rasit	Ahmad Hata	Malaysia	University Malaysia Sabah
Sulaiman	Abdul Razak	Malaysia	University Science Malaysia

## Monday, August 8, 2016

TIME	AGENDA ITEM	FACULTY
08:00-08:10	Course introduction	A Saw
	<b>Module 1: Fundamentals of managing pediatric fractures</b>	
08:10-08:25	1.1 Plenary session—Warm-up cases	T Slongo
08:25-08:40	1.2 Lecture—The influence of growth & modeling in pediatric fractures	AR Sulaiman
08:40-09:00	1.3 Lecture—What is our acceptable standard of treatment? Are we there yet? How can we improve?	M Kremli
09:00-09:10	1.4 Plenary discussion OR expert panel—Reevaluation of warm-up cases	T Slongo
09:10-09:20	1.5 Lecture—Patient safety essential to the management of pediatric patients	S Ibrahim
	<b>Module 2: Assessment &amp; planning</b>	
09:20-09:40	2.1 Lecture—Optimizing investigations for children—how much radiation exposure is necessary?	T Slongo
09:40-09:55	2.2 Lecture—The AO Pediatric Comprehensive Classification of Long-Bone Fractures (PCCF) and the AO Comprehensive Injury Automatic Classifier (AOCOIAC)	R Gunalan
09:55-10:10	2.3 Plenary session—Summary	J Hui
10:10-10:30	<b>COFFEE/ TEA BREAK</b>	
	<b>Module 3: Decision making</b>	
10:30-10:50	3. 1 Lecture—Choice of technique/method according to age, bone segment, development, and available infrastructure	T Slongo
10:50-11:40	3.2 Open small group discussions—Clinical decision making	Faculty
11:40-11:50	3.3 Plenary session—Summaries	Groups
	<b>Module 4: Lower limb: femur fractures</b>	
11:50-12:00	4.1 Plenary session—Warm-up cases	T Slongo
12:00-13:10	4.2 Focused round-table group discussions—Treating femur fractures in children and adolescents	Faculty
13:10-13:20	4.3 Plenary session—ARS reevaluation of warm-up cases	T Slongo
13:20-14:00	<b>LUNCH</b>	

## Monday, August 8, 2016 (cont')

TIME	AGENDA ITEM	FACULTY
14:00-14:50	4.4 Practical exercise—ESIN in the femur: retrograde and anterograde techniques	M Kremli and Faculty
	<a href="#">Module 5: Lower limb: knee injuries</a>	
14:50-15:00	5.1 Plenary session—Warm-up cases	T Slongo
15:00-15:45	5.2 Focused round-table group discussions—Treating knee injuries in children of different ages	Faculty
15:45-16:00	<a href="#">COFFEE/ TEA BREAK</a>	
16:00-16:10	5.3 Plenary session—Reevaluation of warm-up cases	T Slongo
16:10-16:25	5.4 Lecture—Summary of knee injuries	V Madhuri
	<a href="#">Module 6: Lower limb: tibia, fibula, and ankle injuries</a>	
16:25-16:35	6.1 Plenary session—Warm-up cases	T Slongo
16:35-16:45	6.2 Lecture—Tibial diaphysis	Z Osman
16:45-17:00	6.3 Lecture—Distal tibial fractures	AH Abd Rashid
17:00-17:10	6.5 Plenary session—Reevaluation of warm-up cases	T Slongo
17:10-17:50	6.6 Practical exercise—Triplane fractures	T Slongo and faculty
17:50-18:00	6.7 Lecture—Summary of tibia, fibula, and ankle injuries	M Kremli
18:00	<a href="#">END OF DAY 1</a>	

## Tuesday, August 9, 2016

TIME	AGENDA ITEM	FACULTY
	<a href="#">Module 7: Entire lower limb</a>	
08:00-09:00	7.1 Open small group discussions—Pediatric lower limb injuries	Faculty
09:00-09:10	7.2 Plenary session—Summaries of discussions	M Kremli
	<a href="#">Module 8: Upper limb: shoulder &amp; humerus</a>	
09:10-09:20	8.1 Plenary session—Warm-up cases	V Madhuri
09:20-09:50	8.2 Focused small group discussions—Shoulder girdle and humerus	Faculty
09:50-10:00	8.3 Plenary session—Reevaluation of warm-up cases	V Madhuri
10:00-10:10	8.4 Lecture—Summary of module	M Kremli
<a href="#">10:10-10:30</a>	<a href="#">COFFEE/ TEA BREAK</a>	
	<a href="#">Module 9: Upper limb: supracondylar fractures</a>	
10:30-10:40	9.1 Plenary session—Warm-up cases	A Saw
10:40-11:40	9.2 Focused small group discussions—Supracondylar fractures	Faculty
11:40-12:00	9.3 Plenary session faculty panel—Vascular/peripheral nerve injuries	J Hui
12:00-12:10	9.4 Plenary session—Reevaluation of warm-up cases	A Saw
12:10-12:20	9.5 Lecture—Summary of module	T Slongo
<a href="#">12:20-13:20</a>	<a href="#">LUNCH</a>	
13:20-14:20	9.6 Practical exercise—Supracondylar fractures	T Slongo and Faculty
	<a href="#">Module 10: Upper limb: other elbow injuries</a>	
14:20-14:30	10.1 Plenary session—Warm-up cases	T Slongo
14:30-15:10	10.2 Focused small group discussions—Other elbow injuries	Faculty
15:10-15:20	10.4 Plenary session—Reevaluation of warm-up cases	T Slongo
15:20-15:30	10.5 Lecture—Summary of module	V Madhuri
<a href="#">15:30-15:45</a>	<a href="#">COFFEE/ TEA BREAK</a>	
	<a href="#">Module 11: Upper limb: forearm and wrist fractures</a>	
15:45-15:55	11.1 Plenary session—Warm-up cases	AH Abd Rashid
15:55-16:10	11. 2 Lecture—What is current (state-of-the-art) treatment?	T Slongo
16:10-16:55	11.3 Focused small group discussions—Treating forearm and wrist fractures	Faculty
16:55-17:10	11.4 Plenary session—Reevaluation of warm-up cases	AH Abd Rashid
17:10-17:30	11.5 Lecture—Summary of module	J Hui
17:30-18:00	11.6 Practical exercise—Elastic nailing of forearm and radial neck fractures	T Slongo and Faculty
<a href="#">18:00</a>	<a href="#">END OF DAY 2</a>	



## Wednesday, August 10, 2016

TIME	AGENDA ITEM	FACULTY
	<b>Module 13: Managing the child and family</b>	
08:00-08:10	13.2 Lecture—The therapeutic aspects of pain management in children	MS Awang
08:10-08:20	13.3 Lecture—Signs of nonaccidental injury	MAA Hamidi
08:20-08:30	13.4 Lecture—Management of compartment syndrome	R Penafort
08:30-08:40	13.6 Lecture—Summary of module	J Hui
	<b>Module 14: Management of bone and joint infection in children</b>	
08:40-09:20	14.2 Focused small group discussions—Infection	Faculty
09:20-09:40	14.3 Lecture—Algorithm for management of chronic osteomyelitis	AH Rasit
09:40-09:50	14.4 Lecture—Summary of module	V Madhuri
09:50-10:10	<b>COFFEE/ TEA BREAK</b>	
	<b>Module 16: Slipped capital femoral epiphysis</b>	
10:10-10:20	16.1 Plenary session—ARS warm-up cases	T Slongo
10:20-11:10	16.2 Plenary discussions—What the trauma surgeon needs to know about SCFE	Faculty
11:10-11:20	16.4 Plenary session—ARS reevaluation of warm-up cases	T Slongo
	<b>Module 17: Deformity management</b>	
11:20-11:30	17.1 Plenary session—ARS warm-up cases	M Kremli
11:30-11:50	17.2 Lecture—Assessment of deformity and planning of correction	A Saw
11:50-12:40	17.3 Open small group discussions—Causes and treatment of acquired deformity	Faculty
12:40-13:40	<b>LUNCH</b>	
13:40-14:25	17.4 Open small group discussions—Causes and treatment of congenital deformity	Faculty
14:25-14:35	17.6 Plenary session—ARS reevaluation of warm-up cases	T Slongo
14:35-15:35	17.7 Practical exercise— Proximal femoral varus osteotomy	T Slongo and Faculty
	<b>Closing session</b>	
15:35-15:50	Lecture—Summary and closure of symposium	M Kremli
15:50	<b>END OF THE COURSE</b>	



## Course organization

AOTrauma Asia Pacific  
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Email [aotap@aotrauma.org](mailto: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](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 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

Rumah Kelab PAUM (PAUM Club House)

Lot 10476, (Jalan Damansara Lama), 50480 Jalan Susur Damansara, 59100 Kuala Lumpur, Malaysia

## Notes

# 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)



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## Join us and share your passion

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