

AOTrauma Blended Course - Basic Principles of Fracture Management

Face to Face Session: Shin-Yokohama

Day 1: Sunday, September 25, 2022

Time	Topic	Who
11:00	12:00	Participant registration
12:00	12:05	Opening remarks
12:05	12:15	The AO world- from history to lifelong learning
12:15	12:25	Recap from online modules part 1: Module 1-2
12:25	12:35	Reduction technique
12:35	12:45	Q&A
12:45	12:50	<i>Change to PE room</i>
12:50	13:45	Skills Lab (First 5 rounds)
	A. Torque measurement of bone screws (10)	H Hayashi, M Yorimitsu
	B. Soft-tissue penetration during drilling (10)	H Minehara, T Fujiyoshi
	C. Heat generation during drilling (10)	A Hanabayashi, Y Ueda
	D. Mechanics of bone fractures (10)	T Miyamoto, K Futamura
	E. Techniques of reduction I(10)	T Matsumura, S Kitada
13:45	13:55	Break
13:55	14:50	Skills Lab (Second rounds)
	F. Techniques of reduction II (10)	H Hayashi, M Yorimitsu
	G. Mechanics of intramedullary fixation (10)	H Minehara, T Fujiyoshi
	H. Mechanics of plate fixation (10)	A Hanabayashi, Y Ueda
	J. Fracture healing and plate fixation (10)	T Miyamoto, K Futamura
	K. Damaged implant removal (10)	T Matsumura, S Kitada
14:50	15:05	Coffee Break
15:05	16:10	PE1: Internal fixation with screws and plates - absolute stability
16:10	16:20	Break
16:20	17:30	PE2: Principles of the internal fixator using the locking compression plate (LCP)
17:30	17:45	Break
17:45	17:55	Recap from online modules part 2: Module 3-4
17:55	18:05	Q&A
18:05	18:10	<i>Change to PE room</i>
18:10	18:20	Case presentation for PE3
18:20	19:30	PE3: Management of a trochanteric fracture (TFNA)
19:30		End of day 1

Day 2: Monday, September 26, 2022

8:00	8:05	Introduction to Day 2	H Minehara
8:05	8:15	Forearm fractures - understanding the principles of diaphysealand articular fractures	A Hanabayashi
8:15	8:25	Preoperative planning - rationale and how to do it	K Futamura
8:25	8:35	Q&A	A Hanabayashi and others
8:35	9:20	PE4: Preoperative planning - plan your operation	K Futamura
9:30	10:30	PE5: Operate your plan	T Fujiyoshi
10:55	11:05	Case presentation for PE6	H Hayashi
11:05	11:35	PE6: Tension band wiring of the olecranon	H Hayashi
11:45	11:55	Case presentation for PE7	Y Ueda
11:55	12:55	PE7: Management of a type 44C malleolar fracture	Y Ueda
13:35	13:45	Case presentation for PE8	M Yorimitsu
13:45	14:45	PE8: Intramedullary (IM) nailing (tibial)	M Yorimitsu
15:00	15:10	Recap from online module 5-6	Y Ueda
15:10	15:20	Minimally invasive osteosynthesis (MIO) - when to use it?	T Miyamoto
15:20	15:30	Violation of principles	T Matsumura
15:30	15:40	Q&A	T Miyamoto and others
15:45	15:55	Case presentation for PE9	S Kitada
15:55	16:35	PE9: Application of a modular large external fixator (Tibia)	S Kitada
16:35	16:40	End of day 2 and course / Closing remarks	T Matsumura