

## AO Trauma 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	T Matsumura
12:05 - 12:15	The AO world- from history to lifelong learning	T Miyamoto
12:15 - 12:25	Recap from online modules part 1: Module 1-2	H Minehara
12:25 - 12:35	Reduction technique	M Yorimitsu
12:35 - 12:45	Q&A	A Hanabayashi and others
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	T Miyamoto
16:10 - 16:20	Break	
16:20 - 17:30	PE2: Principles of the internal fixator using the locking compression plate (LCP)	A Hanabayashi
17:30 - 17:45	Break	
17:45 - 17:55	Recap from online modules part 2: Module 3-4	K Futamura
17:55 - 18:05	Q&A	T Matsumura and others
18:05 - 18:10	<i>Change to PE room</i>	
18:10 - 18:20	Case presentation for PE3	H Minehara
18:20 - 19:30	PE3: Management of a trochanteric fracture (TFNA)	H Minehara
19:30	End of day 1	

## Day 2: Monday, September 26, 2022

Time	Topic	Who
8:00	8:05 Introduction to Day 2	H Minehara
8:05	8:15 Forearm fractures - understanding the principles of diaphyseal and 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
9:20	9:30 <i>Change to PE rooms</i>	
9:30	10:30 PE5: Operate your plan	T Fujiyoshi
10:30	10:55 Coffee Break	
10:55	11:05 Case presentation for PE6	H Hayashi
11:05	11:35 PE6: Tension band wiring of the olecranon	H Hayashi
11:35	11:45 Break	
11:45	11:55 Case presentation for PE7	Y Ueda
11:55	12:55 PE7: Management of a type 44C malleolar fracture	Y Ueda
12:55	13:35 Lunch Break	
13:35	13:45 Case presentation for PE8	M Yorimitsu
13:45	14:45 PE8: Intramedullary (IM) nailing (tibial)	M Yorimitsu
14:45	15:00 Coffee Break	
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
15:40	15:45 <i>Change to PE room</i>	
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