

AO Trauma Blended Course - Basic Principles of Fracture Management

Face to Face Session: Shin-Yokohama

Day 1: Saturday, February 19, 2022

Time	Topic	Who
11:00 - 12:00	Registration	
12:00 - 12:05	Opening remarks	T Matsumura
12:05 - 12:15	The AO world- from history to lifelong learning	F Kanaya
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) B. Soft-tissue penetration during drilling (10) C. Heat generation during drilling (10) D. Mechanics of bone fractures (10) E. Techniques of reduction I(10)	H Hayashi, M Yorimitsu H Minehara, T Fujiyoshi A Hanabayashi, M Ito F Kanaya, K Futamura T Matsumura, S Kitada
13:45 - 14:00	Break	
14:00 - 14:55	Skills Lab (Second rounds) F. Techniques of reduction II (10) G. Mechanics of intramedullary fixation (10) H. Mechanics of plate fixation (10) J. Fracture healing and plate fixation (10) K. Damaged implant removal (10)	H Hayashi, M Yorimitsu H Minehara, T Fujiyoshi A Hanabayashi, M Ito F Kanaya, K Futamura T Matsumura, S Kitada
14:55 - 15:10	Break	
15:10 - 16:15	PE1: Internal fixation with screws and plates - absolute stability	T Matsumura
16:15 - 17:25	PE2: Principles of the internal fixator using the locking compression plate (LCP)	A Hanabayashi
17:25 - 17:40	Break	
17:40 - 17:50	Recap from online modules part 2: Module 3-4	K Futamura
17:50 - 18:00	Q&A	T Matsumura and others
18:00 - 18:05	<i>Change to PE room</i>	
18:05 - 18:15	Case presentation for PE3	H Minehara
18:15 - 19:25	PE3: Management of a trochanteric fracture (TFNA)	H Minehara
19:25	End of day 1	

Day 2: Sunday, February 20, 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	9:25 <i>Change to PE rooms</i>	
9:25	10:25 PE5: Operate your plan	T Fujiyoshi
10:25	10:50 Break	
10:50	11:00 Case presentation for PE6	H Hayashi
11:00	11:30 PE6: Tension band wiring of the olecranon	H Hayashi
11:30	11:40 Case presentation for PE7	M Ito
11:40	12:40 PE7: Management of a type 44C malleolar fracture	M Ito
12:40	13:25 Lunch Break	
13:25	13:35 Case presentation for PE8	M Yorimitsu
13:35	14:35 PE8: Intramedullary (IM) nailing (tibial)	M Yorimitsu
14:35	14:50 Break	
14:50	15:00 Recap from online module 5-6	M Ito
15:00	15:10 Minimally invasive osteosynthesis (MIO) - when to use it?	A Hanabayashi
15:10	15:20 Violation of principles	T Matsumura
15:20	15:30 Q&A	F Kanaya and others
15:30	15:35 <i>Change to PE room</i>	
15:35	15:45 Case presentation for PE9	S Kitada
15:45	16:25 PE9: Application of a modular large external fixator (Tibia)	S Kitada
16:25	16:30 End of day 2 and course / Closing remarks	T Matsumura