

AO Trauma Blended Course - Basic Principles of Fracture Management

Face to Face Session: Shin-Yokohama

Day 1: Friday, September 23, 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	F Kanaya
12:15 - 12:25	Recap from online modules part 1: Module 1-2	E Shoda
12:25 - 12:35	Reduction technique	M Kobayashi
12:35 - 12:45	Q&A	E Shoda 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)	M Ito F Kanaya, K Shigemoto M Kobayashi, S Kitada E Shoda, Y Oh T Matsumura, M Yoshida
13:45 - 13:55	Break	
13:55 - 14:50	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)	M Ito F Kanaya, K Shigemoto M Kobayashi, S Kitada E Shoda, Y Oh T Matsumura, M Yoshida
14:50 - 15:05	Coffee Break	
15:05 - 16:10	PE1: Internal fixation with screws and plates - absolute stability	T Matsumura
16:10 - 16:20	Break	
16:20 - 17:30	PE2: Principles of the internal fixator using the locking compression plate (LCP)	E Shoda
17:30 - 17:45	Break	
17:45 - 17:55	Recap from online modules part 2: Module 3-4	M Ito
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	M Yoshida
18:20 - 19:30	PE3: Management of a trochanteric fracture (TFNA)	M Yoshida
19:30	End of day 1	

Day 2: Saturday, September 24, 2022

Time	Topic	Who
8:00	8:05 Introduction to Day 2	E Shoda
8:05	8:15 Forearm fractures - understanding the principles of diaphyseal and articular fractures	K Shigemoto
8:15	8:25 Preoperative planning - rationale and how to do it	S Kitada
8:25	8:35 Q&A	E Shoda and others
8:35	9:20 PE4: Preoperative planning - plan your operation	S Kitada
9:20	9:30 <i>Change to PE rooms</i>	
9:30	10:30 PE5: Operate your plan	K Shigemoto
10:30	10:55 Coffee Break	
10:55	11:05 Case presentation for PE6	M Kobayashi
11:05	11:35 PE6: Tension band wiring of the olecranon	M Kobayashi
11:35	11:45 Break	
11:45	11:55 Case presentation for PE7	M Ito
11:55	12:55 PE7: Management of a type 44C malleolar fracture	M Ito
12:55	13:35 Lunch Break	
13:35	13:45 Case presentation for PE8	Y Oh
13:45	14:45 PE8: Intramedullary (IM) nailing (tibial)	Y Oh
14:45	15:00 Coffee Break	
15:00	15:10 Recap from online module 5-6	S Kitada
15:10	15:20 Minimally invasive osteosynthesis (MIO) - when to use it?	T Matsumura
15:20	15:30 Violation of principles	T Matsumura
15:30	15:40 Q&A	T Sawaguchi and others
15:40	15:45 <i>Change to PE room</i>	
15:45	15:55 Case presentation for PE9	M Yoshida
15:55	16:35 PE9: Application of a modular large external fixator (Tibia)	M Yoshida
16:35	16:40 End of day 2 and course / Closing remarks	T Matsumura