

AO Trauma Blended Course - Basic Principles of Fracture Management

Face to Face Session: Yokohama

Day 1: Saturday, February 12, 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	T Sawaguchi
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)	T Sawaguchi, Y Ueda
	B. Soft-tissue penetration during drilling (10)	T Noda, K Shigemoto
	C. Heat generation during drilling (10)	M Kobayashi, K Matsui
	D. Mechanics of bone fractures (10)	E Shoda, Y Oh
	E. Techniques of reduction I(10)	T Matsumura, M Yoshida
13:45 - 14:00	Break	
14:00 - 14:55	Skills Lab (Second rounds)	
	F. Techniques of reduction II (10)	T Sawaguchi, Y Ueda
	G. Mechanics of intramedullary fixation (10)	T Noda, K Shigemoto
	H. Mechanics of plate fixation (10)	M Kobayashi, K Matsui
	J. Fracture healing and plate fixation (10)	E Shoda, Y Oh
	K. Damaged implant removal (10)	T Matsumura, M Yoshida
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)	E Shoda
17:25 - 17:40	Break	
17:40 - 17:50	Recap from online modules part 2: Module 3-4	Y Ueda
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	T Noda
18:15 - 19:25	PE3: Management of a trochanteric fracture (TFNA)	T Noda
19:25	End of day 1	

Day 2: Sunday, February 13, 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	K Matsui
8:25	8:35 Q&A	T Noda and others
8:35	9:20 PE4: Preoperative planning - plan your operation	K Matsui
9:20	9:25 <i>Change to PE rooms</i>	
9:25	10:25 PE5: Operate your plan	K Shigemoto
10:25	10:50 Break	
10:50	11:00 Case presentation for PE6	M Kobayashi
11:00	11:30 PE6: Tension band wiring of the olecranon	M Kobayashi
11:30	11:40 Case presentation for PE7	Y Ueda
11:40	12:40 PE7: Management of a type 44C malleolar fracture	Y Ueda
12:40	13:25 Lunch Break	
13:25	13:35 Case presentation for PE8	Y Oh
13:35	14:35 PE8: Intramedullary (IM) nailing (tibial)	Y Oh
14:35	14:50 Break	
14:50	15:00 Recap from online module 5-6	K Matsui
15:00	15:10 Minimally invasive osteosynthesis (MIO) - when to use it?	Y Oh
15:10	15:20 Violation of principles	T Matsumura
15:20	15:30 Q&A	T Sawaguchi and others
15:30	15:35 <i>Change to PE room</i>	
15:35	15:45 Case presentation for PE9	M Yoshida
15:45	16:25 PE9: Application of a modular large external fixator (Tibia)	M Yoshida
16:25	16:30 End of day 2 and course / Closing remarks	T Matsumura