

## 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)	T Sawaguchi, M Ito
		B. Soft-tissue penetration during drilling (10)	F Kanaya, K Shigemoto
		C. Heat generation during drilling (10)	M Kobayashi, S Kitada
		D. Mechanics of bone fractures (10)	E Shoda, Y Oh
		E. Techniques of reduction I(10)	T Matsumura, M Yoshida
13:45	13:55	Break	
13:55	14:50	Skills Lab (Second rounds)	
		F. Techniques of reduction II (10)	T Sawaguchi, M Ito
		G. Mechanics of intramedullary fixation (10)	F Kanaya, K Shigemoto
		H. Mechanics of plate fixation (10)	M Kobayashi, S Kitada
		J. Fracture healing and plate fixation (10)	E Shoda, Y Oh
		K. Damaged implant removal (10)	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	T Yoshida and others
8:35	9:20 PE4: Preoperative planning - plan your operation	S Kitada
9:30	10:30 PE5: Operate your plan	K Shigemoto
10:55	11:05 Case presentation for PE6	M Kobayashi
11:05	11:35 PE6: Tension band wiring of the olecranon	M Kobayashi
11:45	11:55 Case presentation for PE7	M Ito
11:55	12:55 PE7: Management of a type 44C malleolar fracture	M Ito
13:35	13:45 Case presentation for PE8	Y Oh
13:45	14:45 PE8: Intramedullary (IM) nailing (tibial)	Y Oh
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 Sawaguchi
15:20	15:30 Violation of principles	T Matsumura
15:30	15:40 Q&A	T Sawaguchi and others
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