

## AO Trauma Blended Course - Basic Principles of Fracture Management

Face to Face Session: Okayama

Day 1: Saturday, September 3, 2022

Time	Topic	Who
11:00	12:00 Participant registration	
12:00	12:05 Opening remarks	T Sato
12:05	12:15 The AO world- from history to lifelong learning	T Sato
12:15	12:25 Recap from online modules part 1: Module 1-2	N Maegawa
12:25	12:35 Reduction technique	M Yorimitsu
12:35	12:45 Q&A	T Sato 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 Sato, T Doi
	B. Soft-tissue penetration during drilling (10)	T Mae, Y Zenke
	C. Heat generation during drilling (10)	N Shiota, M Yorimitsu
	D. Mechanics of bone fractures (10)	T Noda, C Terada
	E. Techniques of reduction I(10)	T Maehara, N Maegawa
13:45	13:55 Break	
13:55	14:50 Skills Lab (Second rounds)	
	F. Techniques of reduction II (10)	T Sato, T Doi
	G. Mechanics of intramedullary fixation (10)	T Mae, Y Zenke
	H. Mechanics of plate fixation (10)	N Shiota, M Yorimitsu
	J. Fracture healing and plate fixation (10)	T Noda, C Terada
	K. Damaged implant removal (10)	T Maehara, N Maegawa
14:50	15:05 Coffee Break	
15:05	16:10 PE1: Internal fixation with screws and plates - absolute stability	T Mae
16:10	16:20 Break	
16:20	17:30 PE2: Principles of the internal fixator using the locking compression plate (LCP)	T Noda
17:30	17:45 Break	
17:45	17:55 Recap from online modules part 2: Module 3-4	T Doi
17:55	18:05 Q&A	T Sato and others
18:05	18:10 <i>Change to PE room</i>	
18:10	18:20 Case presentation for PE3	N Shiota
18:20	19:30 PE3: Management of a trochanteric fracture (TFNA)	N Shiota
19:30	End of day 1	

Day 2: Sunday, September 4, 2022

Time	Topic	Who
8:00	8:05 Introduction to Day 2	T Mae
8:05	8:15 Forearm fractures - understanding the principles of diaphysealand articular fractures	C Terada
8:15	8:25 Preoperative planning - rationale and how to do it	Y Zenke
8:25	8:35 Q&A	T Noda and others
8:35	9:20 PE4: Preoperative planning - plan your operation	Y Zenke
9:30	10:30 PE5: Operate your plan	T Doi
10:55	11:05 Case presentation for PE6	N Maegawa
11:05	11:35 PE6: Tension band wiring of the olecranon	N Maegawa
11:45	11:55 Case presentation for PE7	T Maehara
11:55	12:55 PE7: Management of a type 44C malleolar fracture	T Maehara
13:35	13:45 Case presentation for PE8	M Yorimitsu
13:45	14:45 PE8: Intramedullary (IM) nailing (tibial)	M Yorimitsu
15:00	15:10 Recap from online module 5-6	T Maehara
15:10	15:20 Minimally invasive osteosynthesis (MIO) - when to use it?	T Mae
15:20	15:30 Violation of principles	T Noda
15:30	15:40 Q&A	N Shiota and others
15:45	15:55 Case presentation for PE9	C Terada
15:55	16:35 PE9: Application of a modular large external fixator (Tibia)	C Terada
16:35	16:40 End of day 2 and course / Closing remarks	T Sato