

AO Trauma Masters Course—MIO with Anatomical Specimens

Aug 27 (Thu) [Day 1-Masters]

Time		Activity	Speaker	Moderator
7:40	8:10	Registration		
8:10	8:20	Welcome and introduction	Ji-Wan Kim	
		Module 1: Introduction, basic principles and reduction techniques		Joon-Woo Kim
8:20	8:35	Definitions, concepts and principles of MIO	Joon-Woo Kim	
8:35	8:50	Reduction techniques	S Kitada	
8:50	9:05	Biomechanics of bridge plating	GC Lee	
9:05	9:20	Applied anatomy and safe zones for MIO	Theerachai A	
9:20	9:35	Q&A		
9:35	9:40	Move to break out sessions		
9:40	10:40	Small Group Discussion 1 Reduction techniques		Group 1: Joon-Woo Kim, JW Cho, Theerachai A Group 2: GH Jung, HS Sohn, GC Lee Group 3: CW Oh, SW Lee, S Kitada
10:40	11:00	GROUP PHOTO & COFFEE BREAK		
		Module 2: MIO in the femur		Ji-Wan Kim
11:00	11:20	Nailing vs Plating Proximal Femur - Nailing, MIPO	YH Cho	
11:20	11:40	A case based lecture : MIO in the proximal femur, why? and pitfalls & tips	SW Lee	
11:40	11:55	Failure of plating/nailing femur	JW Cho	
11:55	12:10	Q&A		
12:10	13:00	LUNCH BREAK		
		Module 3: MIO around the knee		HK Oh
13:00	13:20	Nailing vs Plating Distal Femur - Nailing and MIPO	HK Oh	
13:20	13:40	A case based lecture : MIO in the distal femur, tips & tricks	GC Lee	
13:40	13:55	Clinical application of Nail-plate construct for femur fractures	R Pires	
13:55	14:15	Relive surgery: femur (video-based lecture) •Optimize positioning and fluoscopic setup for accurate imaging •Perform effective reduction techniques using closed, percutaneous, or open techniques to restore alignment •Achieve proper nail entry and implant positioning to prevent varus malreduction and cutout	HS Sohn	
14:15	14:30	Q&A		
14:30	14:35	Move to break out sessions		
14:35	15:35	Small Group Discussion 2 MIO in femur		Group 1: KC Park, JW Cho, R Pires Group 2: HS Sohn, SW Lee, S Kitada Group 3: CW Oh, HK Song, Theerachai A
15:35	15:55	COFFEE BREAK		
		Module 4: MIO in the tibia		KC Park
15:55	16:15	Nailing vs Plating Proximal Tibia - Nailing, MIPO, and NPC	HK Song	
16:15	16:35	A case based lecture : MIO in proximal tibia, tips & tricks	KC Park	
16:35	16:55	Distal Tibia Fractures Nailing vs Plating - Nailing, MIPO, and NPC	JK Oh	
16:55	17:15	A case based lecture : MIO in distal tibia, tips & tricks	S Kitada	
17:15	17:30	Q&A		
17:30		End of Day 1		

AO Trauma Masters Course—MIO with Anatomical Specimens

Aug 28 (Fri) [Day 2-Masters]

Time		Activity	Speaker	Moderator
8:00	9:10	Small Group Discussion 3 MIO in femur and tibia		Group 1: JK Oh, JW Cho, R Pires Group 2: GH Jung, HS Sohn, OJ Shon Group 3: CW Oh, YC Yoon, S Kitada
9:10	9:40	COFFEE BREAK		
		Module 5: MIO in upper extremity		GH Jung
9:40	10:00	Proximal Humerus Fractures Nailing vs Plating - Nailing and MIPO Perspective	JW Cho	
10:00	10:20	A case based lecture : MIO in Humerus Fractures, real life tips & tricks	YC Yoon	
10:20	10:40	A case based lecture : MIO in Clavicle Fractures, when & how ?	GH Jung	
10:40	11:00	Relive surgery: humerus (video-based lecture) •Optimize positioning and fluoroscopic setup for accurate imaging •Perform effective reduction techniques using closed, percutaneous, or open techniques to restore alignment •Achieve proper nail entry and implant positioning to prevent varus malreduction and cutout	JW Cho	
11:00	11:15	Q&A		
11:15	11:20	Move to breakout session		
11:20	12:30	Small Group Discussion 4 MIO in upper extremity		Group 1: HS Sohn, JW Cho, Theerachai A Group 2: GH Jung, Ji-Wan Kim Group 3: HK Oh, YC Yoon, S Kitada
12:30	13:30	LUNCH BREAK		
		Module 6: Complications and complexities in MIO		CW Oh
13:30	13:45	MIO for Peri-prosthetic/Peri-implant Fractures	Theerachai A	
13:45	14:00	MIO elsewhere in the body	R Pires	
14:00	14:15	What went wrong with MIPO : analysis on the failure cases after MIPO	JA Sim	
14:15	14:30	Salvage after failed MIPO : A case based lecture	OJ Shon	
14:30	14:45	Q&A		
14:45	15:10	COFFEE BREAK		
15:10	16:20	Small Group Discussion 5 Complications and Complexities in MIO		Group 1: JA Sim, JW Cho, R Pires Group 2: JK Oh, GC Lee, S Kitada Group 3: YH Cho, YC Yoon, OJ Shon
16:20		End of Day 2		

AO Trauma Masters Course—MIO with Anatomical Specimens

Aug 29 (Sat) [Day 3] in lab with anatomical specimens

Time		Duration	Activity	Moderator	Table Instructor
7:40	8:40	60	Bus transfer - for cadaveric workshop		
8:40	9:00	20	Preparation - Change clothes		
9:00	9:10	10	Welcome address and introduction to the lab		
9:10	10:25	75	Anatomical specimen workshop - MIPO of humerus anterior for shaft and anterolateral for proximal shaft & posterior MIPO approach for humerus	Theerachai A	HK Oh / YC Yoon / HS Sohn / JW Cho
10:25	11:25	60	Percutaneous nailing with multiLOC	JW Cho	
11:25	12:20	55	LUNCH & GROUP PHOTO		
12:20	13:20	60	MIPO distal femur - parapatella approach & medial approach	R Pires	OJ Shon / JA Sim / YH Cho / HK Song
13:20	15:20	120	MIPO proximal tibia and distal tibia surgical approaches for tibial plateau, ankle	S Kitada	HS Sohn / OJ Shon / YC Yoon / JW Cho
15:20	15:40	20	COFFEE BREAK		
15:40	16:40	60	Demo of MIO Calcaneus (Lecture and Anatomic Dissection) & free dissection	S Kitada	
16:40	17:00	20	Take-home messages and course closure		
17:00			End of the course		