

AO Trauma Masters Course—Lower Extremity with Anatomical Specimens

August 28 (Thu) [Day 1-LE]

Time		Activity
8:30	9:00	Registration
9:00	9:10	Welcome and introduction
		Module 1: Femoral head and neck fractures
9:10	9:25	Femoral head fractures: Excision or Fixation. How to fix?
9:25	9:40	Current concept in the management of femoral neck fractures
9:40	9:55	Reason of failure and salvage procedure for femoral neck nonunions
9:55	10:05	Q&A
10:05	10:10	Move to breakout room
10:10	11:10	Small group case discussion 1 Group 1 Group 2 Group 3
11:10	11:35	GROUP PHOTO & COFFEE BREAK
		Module 2: Intertrochanteric & Subtrochanteric fractures
11:35	11:50	Pitfall in managing intertrochanteric fracture
11:50	12:05	Subtrochanteric fractures: How to reduce and maintain?
12:05	12:20	Atypical Femur Fractures: Surgical Challenges and Best Practices
12:20	12:35	Revision of trochanteric, subtrochanteric femoral nonunions
12:35	12:50	Case based lecture – periprosthetic femur fracture after THA and peri-implant fracture of the femur
12:50	13:00	Q&A
13:00	14:00	LUNCH BREAK
14:00	15:00	Small group case discussion 2 Group 1 Group 2 Group 3
15:00	15:05	Move to lecture room
		Module 3: Distal femur and patella
15:05	15:20	Decision making for plate or nail in distal femoral fractures
15:20	15:35	Medial approach for the femur – indications and hazards
15:35	15:50	Advanced reduction techniques and tips for distal femur fractures
15:50	16:05	Distal femur fracture management alternatives: Dual plating and nail-plate combination
16:05	16:20	Treatment technique for complex patellar fractures
16:20	16:40	Case based summary distal femur fractures
16:40	16:50	Q&A
16:50	17:10	COFFEE BREAK
17:10	18:20	Small group case discussion 3 Group 1 Group 2 Group 3
18:20		End of Day 1

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August 29 (Fri) [Day 2-LE]

Time		Activity
		Module 4: Complex femoral fractures
8:00	8:15	Decision making in ipsilateral femoral neck and shaft fractures
8:15	8:30	Periprosthetic fracture around the knee (after TKA)
8:30	9:00	Case-based discussion – Nonunion around the knee
9:00	9:10	Q&A
9:10	9:15	Move to discussion room
9:15	10:05	Small group case discussion 4 Group 1 Group 2 Group 3
10:05	10:25	COFFEE BREAK
		Module 5: Tibia plateau fractures
10:25	10:40	Interactive case presentation
10:40	11:00	Current concept for tibial plateau fracture fixation
11:00	11:20	Approach selection for complex tibial plateau fracture
11:20	11:35	Total solution for complex tibial plateau and ligamentous injuries
11:35	11:50	Complex proximal tibial shaft fractures
11:50	12:00	Q&A
12:00	12:50	LUNCH BREAK
		Module 6: Complex fractures around the ankle
12:50	13:05	Interactive case presentation: posterior malleolus
13:05	13:25	Interactive case presentation: approaches for Pilon fractures
13:25	13:45	Tips and tricks for fixation of pilon fractures
13:45	13:55	Q&A
13:55	14:00	Move to discussion room
14:00	14:50	Small group case discussion 5 Group 1 Group 2 Group 3
14:50	15:10	COFFEE BREAK
		Module 7: Complications and Salvage
		Case-based discussion – Failure fixation
15:10	15:25	Tips and tricks to avoid complications in the treatment of pilon fractures
15:25	15:40	Complex tibia fractures
15:40	15:55	Significant bone loss 1. Tentative) Masquelet technique: how far do we know?
15:55	16:10	Salvage for complications: tibial plateau fractures
16:10	16:20	Q&A
16:20	16:25	Move to discussion room
16:25	17:15	Small group case discussion 6 Group 1 Group 2 Group 3
17:15	17:20	Move to lecture room
		Module 8: Surgical approach
17:20	17:30	Smith-Peterson
17:30	17:40	Trochanteric flip and surgical dislocation via Kocher Langenbeck approach
17:40	17:50	Medial subvastus, Medial MIPO of the femur, Extensile medial
17:50	18:00	Posterolateral, posteromedial Hoffa
18:00	18:10	Posterolateral approach to tibia plateau fractures (Frosh / osteotomy etc.)
18:10	18:20	Introduction about the anatomical workshop
18:20		End of Day 2

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August 30 (Sat) [Day 3] in lab with anatomical specimens

Time		Activity
8:00	9:30	Bus transfer - for cadaveric workshop
9:30	9:50	Preparation - Change clothes
9:50	10:00	Welcome address and introduction to the lab
10:00	11:40	Hip and Femur / Supine position 1) (Modified) Smith-Peterson 2) Medial subvastus, Medial MIPO of the femur, Extensile medial
11:40	12:00	COFFEE BREAK
12:00	13:20	Femoral head fracture & Fracture around knee / Lateral decubitus position 1) Trochanteric flip and surgical dislocation via Kocher Langenbeck approach 2) Posterolateral approach to the plateau (Frosh / fibular head osteotomy etc.)
13:20	14:20	LUNCH & GROUP PHOTO
14:20	15:50	Fracture around knee / prone position 1) Posterolateral, posteromedial Hoffa (femur) 2) Posteromedial tibial plateau (Burks' approach) 3) Posterior approach to the distal tibia
15:50	16:10	COFFEE BREAK
16:10	16:40	Extended anterolateral approach
16:40	17:10	Free dissection (Prn, anteolateral or anteromedial for Pilon)
17:10	17:30	Take-home messages and course closure
17:30		End of the course