

AO Trauma Course - Soft Tissue and Polytrauma with Anatomical Specimens

Day 1: Wednesday, November 9, 2022

Time	Topic	Who
9:05	9:15 Welcome and introduction to the course and today's module	T Matsumura
Module 1: Polytrauma		Moderator: T Matsumura
9:15	9:30 Trauma System Does it improve survival rate ?	C Krettek
9:30	9:45 Emergency room setup - getting ready	T Miyamoto
9:45	10:00 Primary assessment of the polytrauma patient	P Giannoudis
10:00	10:15 Imaging in Polytrauma what when why and how	C Krettek
10:15	10:30 Primary management of the polytrauma patient	T Miyamoto
10:30	10:45 What the Orthopedic surgeon needs to know about chest & abdominal & urology injuries ?	P Giannoudis
10:45	11:00 What the Orthopedic surgeon needs to know about brain injury ?	T Matsumura
11:00	11:15 The multiple-fracture patient in the OR—when do I stop?	P Giannoudis
11:15	11:40 <i>COFFEE BREAK</i>	
11:40	12:50 Discussion 1: Strategy for Polytrauma care	
	Group 1 Early total care & damage control	C Krettek & T Matsumura, N Maegawa
	Group 2 Early total care & damage control	P Giannoudis & T Miyamoto, F Kanaya
	Group 3 Early total care & damage control	S Jitprapaikularn & Y Zenke, K Futamura
12:50	13:40 <i>LUNCH BREAK</i>	
Module 2: Complex Fracture : pitfall and management		Moderator: N Maegawa
13:40	13:55 Update in open fracture	K Futamura
13:55	14:10 Vascular injury	N Maegawa
14:10	14:25 Compartment syndrome	T Miyamoto
14:25	14:40 Mangle extremity Amputation or Salvage	N Maegawa
14:40	15:40 Discussion 2: Complex Fraacture	
	Group 1 Complex Fraacture	C Krettek & Y Zenke, N Maegawa
	Group 2 Complex Fraacture	P Giannoudis & T Matsumura, K Futamura
	Group 3 Complex Fraacture	S Jitprapaikularn & T Miyamoto, F Kanaya
15:40	16:00 <i>COFFEE BREAK</i>	
Module 3: Non-union, Malunion and bone loss		Moderator: T Miyamoto
16:00	16:15 Correction of extraarticular malunion and deformity including lengthening	C Krettek
16:15	16:30 Prophylaxis & Management of Infections include Masquelet technique	P Giannoudis
16:30	16:45 Correction of intra-articular malunion and deformity	C Krettek
16:45	17:00 Upper Extremity non-union	F Kanaya
17:00	17:15 Soft tissue handling - Vacuum & Irrigation	K Futamura
17:15	17:30 Management of diaphyseal bone loss: segmental transport etc.	N Maegawa
17:30	17:45 Femoral & tibial shaft non-unions	T Matsumura
17:45	18:00 Open fracture with soft tissue and bone loss	T Kudo
18:00	18:15 Summary, Q&A	T Matsumura
18:15	End of day 1	

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Day 2: Thursday, November 10, 2022

Time	Topic	Who
8:30	10:00 Discussion 3: Non-union, Malunion and bone loss	
	Group 1 Non-union, Malunion and bone loss	C Krettek & T Miyamoto, K Futamura
	Group 2 Non-union, Malunion and bone loss	P Giannoudis & Y Zenke, N Maegawa
	Group 3 Non-union, Malunion and bone loss	S Jitprapaikulsaarn & T Matsumura, F Kanaya
10:00	10:20 <i>COFFEE BREAK</i>	
	Module 4: Soft tissue coverage for the microvascular beginner surgeon	Moderator: F Kanaya
10:20	10:35 Why flap surgery?	T Kudo
10:35	10:50 Flap terminology and concept	S Takagi
10:50	11:10 Role of soft tissue coverage in management of infection	Y Zenke
11:10	11:30 Local flap for treating open type III B fracture	K Futamura
11:30	11:50 When local flaps are not enough	Y Zenke
11:50	12:40 <i>LUNCH BREAK</i>	
12:40	13:00 Anatomy and its clinical relevance	F Kanaya
13:00	13:20 Local flap for hand & wrist	S Toriyabe
13:20	13:40 Local flap for arm & elbow	S Jitprapaikulsaarn
13:40	14:00 Local flap for ankle and foot	S Jitprapaikulsaarn
14:00	14:20 Local flaps for knee and leg	S Jitprapaikulsaarn
14:20	14:40 Useful free flaps for soft tissue defect 1 (basic)	S Toriyabe
14:40	15:00 Useful free flaps for soft tissue defect 2 (advance)	S Takagi
15:00	15:20 <i>COFFEE BREAK</i>	
15:20	16:50 Discussion 4: Case of soft tissue defect	
	Group 1 Case of soft tissue defect	S Jitprapaikulsaarn, Y Zenke, T Miyamoto
	Group 2 Case of soft tissue defect	S Toriyabe, F Kanaya, N Maegawa
	Group 3 Case of soft tissue defect	S Takagi, T Kudo, T Matsumura
16:50	17:20 Summary, evaluation, and take-home messages	F Kanaya, Y Zenke
17:20	End of day 2	

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Day 3: Friday, November 11, 2022

Time	Topic	Who
8:00	12:15 Workshop (cadaver) Orthopaedic Surgeons	
8:00	8:05 Welcome address	T Matsumura
8:05	8:10 Introduction to the anatomy lab	Prof. Anatomy department
8:10	8:15 Silent tribute	T Matsumura
8:15	8:30 pre lecture(flap anatomy) : upper extremity flap	F Kanaya
8:30	12:15 Anatomical specimen laboratory - upper extremity 1. Lateral arm flap 2. Radial forearm flap (+perforator) 3. Posterior interosseous artery flap 4. Dorsal ulnar artery flap 5. Dorsal metacarpal flap 6. Free dissection	All
12:15	13:00 LUNCH BREAK	
13:00	13:15 pre lecture(flap anatomy) : lower extremity flap	S Toriyabe
13:15	16:00 Anatomical specimen laboratory - lower extremity 1. Anterolateral thigh flap 2. Gastrocnemius flap 3. Soleus muscle flap 4. Fibular perforator flap (propelar) 5. Sural flap 6. Free dissection	All
16:00	16:10 Summary and evaluation	Y Zenke
16:10	16:15 Closing remarks	T Matsumura
16:15	End of the course	