

AO Trauma Course—Advanced Principles of Fracture Management

Program

<u>Day 1</u>					
Time		Duration	Activity	Core/ Optional	Faculty
08:30	09:00	30	Registration		
09:00	09:05	5	Welcome and introduction		Michael Brix/Morten Schultz Larsen
			Module 1: Review of the principles and new techniques		Moderator: Michael Brix
09:05	09:20	15	Review of the principles of fracture management	C	Lasse Bayer
09:20	09:35	15	Tissue vitality and effect of injury	O	Rasmus Elsåe
09:35	09:50	15	Minimally invasive osteosynthesis (MIO)— minimizing surgical footprints	O	Arvind Van Keudell
09:50	10:05	15	Clinical indications for locked plating	C	Johan Scheer
10:05	10:15	10	Summary and Q&A		Michael Brix
10:15	10:35	20	COFFEE BREAK		
10:35	12:15	100	Small group discussion & demonstration 1: Reduction techniques—concepts and application	C	All faculty
12:15	13:15	60	LUNCH BREAK		
			Module 2: Injuries of the upper limb		Moderator: Jeppe Barckman

13:15	13:30	15	Proximal humeral fractures—to fix, replace, or treat nonoperatively?	C	Kenneth Szkopek
13:30	13:45	15	Distal humerus—intraarticular fractures and complications	C	Johan Scheer
13:45	13:55	10	Summary of Module 2 and Q&A		Jeppe Barckman
13:55	15:25	90	Practical exercise 1 Fixation of a proximal humeral fracture Fixation of a four-fragment fracture in the proximal humerus using a proximal humerus interlocking system (PHILOS) plate • Video: 20237 • Bone model: PR0716.1 • Bone model: 5010 (one for each table)	C	Kenneth Szkopek
15:25	15:45	20	COFFEE BREAK		
			Panel discussion 1: Injuries of the upper limb		Moderator: Morten Schultz Larsen
15:45	16:05	20	1. Caput radi fx	O	Michael Brix
16:05	16:25	20	2. Elbow dislocation	O	Kenneth Szkopek
16:25	16:45	20	3. Complex fracture	O	Johan Scheer
16:45	16:50	5	Location change to small group discussions		
16:50	18:00	70	Small group discussion 2 Upper extremity fractures—decision making and methods of stabilization	C	All faculty
18:00			End of Day 1		

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Day 2					
Time		Duration	Activity	Core/ Optional	Faculty
08:00	08:30	30	Registration		
			Module 3: Injuries of the lower limb		Moderator: Lasse Bayer
08:30	08:45	15	Femoral shaft fractures	O	Arvind Von Keudell
08:45	08:55	10	Distal femoral fractures—treatment options and outcomes	C	Michael Brix
08:55	10:30	95	Practical exercise 2: Fixation of a distal femoral fracture Fixation of a distal femoral fracture with the VA-LCP curved condylar plate • Video: 20246 • Bone model: PR1233.1 • Bone model: 2162 (one for each table)	O	Michael Brix
10:30	10:40	10	Summary and Q&A		Moderator: Lasse Bayer
10:40	11:00	20	COFFEE BREAK		
11:00	12:20	80	Small group discussion 3 Fractures of the femur	C	All faculty
12:20	13:10	50	LUNCH BREAK		

13:10	13:25	15	Complex tibial plateau fractures	C	Rasmus Elsøe
13:25	13:40	15	Complex malleolar fractures	O	Lasse Bayer
13:40	13:55	15	Early and definitive treatment of pilon fractures	C	Jeppe Barckmann
13:55	14:05	10	Q&A		All
			Panel Discussion 2: Injuries of the lower limb		Moderator: Kenneth Szkopek
14:05	14:25	20	1. Prox nailing tibiae	O	Michael Brix
14:25	14:45	20	2. Distal nailing tibiae	O	Arvind Von Keudell
14:45	15:05	20	3. Soft tissue handling in tibiae fractures	O	Lasse Bayer
15:05	15:25	20	COFFEE BREAK	C	
15:25	17:00	95	Practical exercise 3: Ring fixator montage principles for fracture and deformity treatment Learn the correct montage of a ring fixator; to know and to handle the equipment and to demonstrate the stability Video coming soon (beginning of 2024) Bone model 1111	C	Rasmus Elsøe
17:00	17:10	10	Q&A and Summary of Day 2		Lasse Bayer
17:10			End of Day 2		

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Day 3					
Time		Duration	Activity	Core/ Optional	Faculty
7:30	8:00	30	Registration		
8:00	9:30	90	Practical exercise 4: Bicondylar tibial plateau fractures Management of a type 41C3 bicondylar tibial plateau fracture using a VA-LCP proximal tibial plate • New video: 20257 • Bone model: 1119 • Bone model: 1156.1 (1x for surgical approach demonstration)	C	Arvind Von Keudell
9:30	9:50	20	COFFEE BREAK		
			Panel Discussion 3: Fractures of the foot and ankle		Moderator: Morten Schultz Larsen
9:50	10:10	20	1. Posterior malleolus	O	Lasse Bayer
10:10	10:30	20	2. Osteoporotic ankle	O	Johann Scheer
10:30	10:50	20	3. Soft tissue	O	Rasmus Elsøe
10:50	10:55	5	Location change to small group discussions		
10:55	12:05	70	Small group discussion 4 Fractures of the tibia, ankle, and foot	C	All faculty

12:05	12:55	50	LUNCH BREAK		
12:55	14:25	90	Practical exercise 5: Management of a type 43C2.3 distal tibial fracture using an LCP distal tibial plate and an LCP one-third tubular plate • Video: 20254 • Bone model: 9147	C	Lasse Bayer
14:25	14:40	15	COFFEE BREAK		
			Module 4: Polytrauma, pelvis, acetabulum and special situations		Moderator: Jeppe Barckmann
14:40	15:00	20	Multitrauma case incl mangled extremity	C	Jeppe Barckmann
15:00	15:20	20	Multitrauma with pelvic injury and bleeding	C	Morten Schultz Larsen
15:20	15:40	20	Multitrauma with DCO	O	Jeppe Barckmann
15:40	15:45	5	Location change to small group discussions		
15:45	16:45	75	Small group discussion 5 Decision-making in difficult fractures and polytrauma patients	O	All faculty
16:45	17:00	15	Violation of AO Principles	O	Michael Brix
17:00	17:10	10	Closing remarks		All faculty
17:10			End of the course		All faculty