

AOTrauma Course—Advanced Principles of Fracture Management

Moscow, 2017, October 24 – 27
Venue: Riga Land Business Hotel

Monday, October 23, 2017

N	Time	Agenda Item	Faculty	Notes
	15:00 – 18:00	Faculty pre-course	All	
	19:00	Faculty dinner	All	

Tuesday, October 24, 2017, 1st day

1.	08:00 – 09:00	Participants registration		
2.	09:00 – 09:15	Welcome and introduction to the course	A.Volna	
3.		Review of general principles (part 1)	A.Volna	Module 1.
4.	09:15 – 09:35	Tissue vitality and effect of injury	C.Van der Werken	
5.	09:35 – 09:50	Review of the principles of fracture management; spectrum of stability	A.Volna	
6.	09:50 – 10:05	Fracture reduction	E.Varga	
7.	10:05 – 10:20	Clinical indications for locked plating	K.Hadjicharalambous	
	10:20 – 10:40	Coffee break		
8.		Review of general principles (part 2)	A.Volna	Module 2.
9.	10:40 – 10:55	Preoperative planning – key to success	M.Panin	
10.	10:55 – 11:10	MIO – minimizing surgical footprints	P.Dotcenko	
11.	11:10 – 11:25	Outline of the key points (part 1 and 2)	A.Volna	
12.	11:25 – 12:25	Reduction techniques - concepts and application		Discussion 1.
13.	12:25 – 13:40	Proximal Humerus 11-C1 four-fragment fracture	A.Ragozin	Practical exercise 1. Video 20237
	13:40 – 14:40	Lunch		
14.		Injuries of the upper limb (part 1)	A.Frolov	Module 3.
15.	14:40 – 15:00	Clavicular fractures - when and how to operate	A.Volna	
16.	15:00 – 15:20	Proximal humeral fractures – to fix, to replace, or treat nonoperatively	A.Ragozin	

17.	15:20 – 15:35	Complex humeral shaft fractures	A.Zhaglin	
18.	15:35 – 15:50	Distal humerus – intraarticular fractures and complications	A.Plaschinsky	
19.	15:50 – 16:05	Fracture dislocation of the elbow	D.Nikolaev	
	16:05 – 16:25	Coffee break		
20.		Injuries of the upper limb (part 2)	A.Frolov	Module 4.
21.	16:25 – 16:40	Distal radial fractures	A.Zhaglin	
22.	16:40 – 17:00	Fractures of the scapula – indications for surgery and methods of fixation	A.Plaschinsky	
23.	17:00 – 17:15	Outline of the key points (part 1 and 2)	A.Frolov	
24.	17:15 – 18:30	Fixation of an intraarticular distal radius fracture	A.Frolov	Practical exercise 2. Video 20244

Wednesday, October 25, 2017, 2nd day

25.	08:00 – 09:15	Upper extremity fractures – decision making and methods of stabilization		Discussion 2.
26.		Injuries of the lower limb (part 1)	V.Vilenskiy	Module 5.
27.	09:15 – 09:30	Femoral neck fractures – different patients; different problems	K.Hadjicharalambous	
28.	09:30 – 09:45	Intertrochanteric fractures – treatment options and outcomes	A.Volna	
29.	09:45 – 10:05	Current treatment options of subtrochanteric fractures	E.Varga	
	10:05 – 10:25	Coffee break		
30.		Injuries of the lower limb (part 2)	V.Vilenskiy	Module 6.
31.	10:25 – 10:40	Femoral shaft fractures	A.Plaschinsky	
32.	10:40 – 10:55	Distal femoral fractures – treatment options and outcomes	C.Van der Werken	
33.	10:55 – 11:10	Complex tibial plateau fractures	A.Frolov	
34.	11:10 – 11:30	Proximal, distal and segmental tibial shaft fractures	A.Volna	
35.	11:30 – 11:50	Early and definitive treatment of pilon fractures	A.Frolov	
36.	11:50 – 12:05	Complex malleolar fractures	P.Dotcenko	
37.	12:05 – 12:20	Calcaneal fractures – predicting and avoiding problems	T.Lantukh	
38.	12:20 – 13:30	Management of a type 41 C3 tibial plateau fracture	A.Volna	Practical exercise 3. Video 20226
	13:30 – 14:40	Lunch		
39.		Injuries of the lower limb (part 3)	V.Vilenskiy	Module 7.
40.	14:40 – 15:00	Talar neck fractures and complications	A.Volna	

41.	15:00 – 15:20	Navicular and Lisfranc injuries and complications	V.Vilenskiy	
42.	15:20 – 15:40	Outline of the key points (part 1, 2, 3)	V.Vilenskiy	
	15:40 – 16:00	Coffee break		
43.	16:00 – 17:15	Fractures of the femur		Discussion 3
	17:15 – 18:15	Satellite Symposium		

Thursday, October 26, 2017, 3rd day

44.	08:00 – 09:15	Fractures of the tibia, ankle and foot		Discussion 4.
45.		Polytrauma, pelvis and acetabulum (part 1)	K.Hadjicharalambous	Module 8.
46.	09:15 – 09:35	State-of-the-art in the management of multiple injured patients	A.Plaschinsky	
47.	09:35 – 09:50	Mangled extremity management	A.Volna	
48.	09:50 – 10:10	Evaluation and emergency management of pelvis ring injuries	E.Varga	
	10:10 – 10:30	Coffee break		
49.		Polytrauma, pelvis and acetabulum (part 2)	K.Hadjicharalambous	Module 9.
50.	10:30 – 10:50	Principles of acetabular fractures management	K.Hadjicharalambous	
51.	10:50 – 11:10	ORIF of the posterior wall – surgical approach	E.Varga	
52.	11:10 – 11:30	Outline of the key points (part 1 and 2)	K.Hadjicharalambous	
53.	11:30 – 12:45	Decision making in difficult fracture problems and polytrauma patients		Discussion 5
54.		Special situations and problems (part 1)	M.Panin	Module 10.
55.	12:45 – 13:05	High tech surgery, navigation	E.Varga	
56.	13:05 – 13:30	Infection after ORIF	C.Van der Werken	
	13:30 – 14:40	Lunch		
57.		Special situations and problems (part 2)	M.Panin	Module 11.
58.	14:40 – 14:55	Bone grafts and bone grafts substitute to promote fracture union – options and outcomes	A.Frolov	
59.	14:55 – 15:15	Treatment of metaphyseal and diaphyseal nonunions	M.Panin	
60.	15:15 – 15:35	External fixation, equipment and terminology: principles of frame construction	V.Vilenskiy	
61.	15:35 – 15:50	Fundamentals of external fixation	V.Vilenskiy	
62.	15:50 – 16:00	Biology of distraction osteogenesis and can we accelerate it?	A.Volna	

63.	16:00 – 16:20	long bone deformity correction using unified reduction units (“Ilizarov hinges”) and hexapods	V.Vilenskiy	
64.	16:20 – 16:40	Outline of the key points (part 1 and 2)	M.Panin	
	16:40 – 17:00	Coffee break		
65.	17:00 – 18:15	Percutaneous plate fixation of the tibia and fibula in a distal multifragmentary fracture of the lower leg (MIPO - technique)	A.Plaschinsky	Practical Exercise 4. Video 20207

Friday, October 27, 2017, 4th day

66.	09:00 – 10:15	ORIF of intra-articular calcaneal fracture	P.Dotcenko	Practical Exercise 5. Video 24026
		Coffee break		
67.	10:15 – 10:35	Special situations and problems (part 3)	P.Dotcenko	Module 13.
68.	10:35 – 11:00	Rib fractures	C.Van der Werken	
69.	11:00 – 11:20	Principles of orthogeriatric fracture care (osteoporotic fractures)	A.Volna	
70.	11:20 – 11:40	Periprosthetic fractures	E.Varga	
71.	11:40 – 12:00	Radiation hazards	A.Volna	
72.	12:00 – 12:15	Outline of the key points (part 3)	P.Dotcenko	
73.	12:15 – 12:30	Closing remarks	A.Volna, all faculties	
	12:30	Lunch		