

	Preliminary Program.Advanced Principles Course, 26-29 May 2014. Novosibirsk	
duration	DAY 1	
60	Registration	
30	Welcome and introduction	
10	Precourse assessment	
	Module 1: Review of principles.	
15	A review of the principles fracture fixation	
20	Fracture management: patient factors and injury mechanism	
15	Fracture reduction -principles and techniques	
15	MIO—Minimizing surgical footprints	
20	Clinical indications for locked plating	
20	COFFEE BREAK	
80	PRACTICAL EXERCISE 1 A	
	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)	
	Group 1	
	Group 2	
80	DISCUSSION 1 A	
	Review of principles and reduction techniques — concepts and application	
	Group 3	
	Group 4	
60	LUNCH BREAK	
80	PRACTICAL EXERCISE 1 B	
	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)	
	Group 3	
	Group 4	
80	DISCUSSION 1 B	
	Review of principles and reduction techniques — concepts and application	
	Group 1	
	Group 2	
5	Location change to the lecture hall	
5	ARS evaluation of practical exercises and discussions 1	
	Module 2: Upper limb injuries. Part 1	
15	Proximal humerus fractures—to fix, to replace, or treat nonoperatively?	
20	Distal humerus—intraarticular fractures and complications	
20	Complex humeral shaft fractures	
20	COFFEE BREAK	
80	PRACTICAL EXERCISE 2 A	
	Fixation of a type 13-C1 fracture in the distal humerus using LCP	
	• Video: 20223, • Bone model:	
	Group 1	
	Group 2	
80	DISCUSSION 2 A	
	Upper extremity fractures—decision making and methods of stabilization	
	Group 3	

	Group 4
5	Location change to the lecture hall
5	ARS evaluation of practical exercises and discussions 2A
5	Summary of the day
90	Satellite symposium : patogenesis and treatment of osteoporosis
	DAY 2
	Module 2: Upper limb injuries. Pert 2
15	Distal radial fractures
15	Fractures of the clavicle: when and how to operate—indications and methods of fixation
5	Location change to practical exercises and discussions
90	PRACTICAL EXERCISE 2 B
	Fixation of a type 13-C1 fracture in the distal humerus using LCP
	• Video: 20223, • Bone model:
	Group 3
	Group 4
90	DISCUSSION 2 B
	Upper extremity fractures—decision making and methods of stabilization
	Group 1
	Group 2
5	Location change to the lecture hall
5	ARS evaluation of practical exercises and discussions 2B
20	COFFEE BREAK
	Module 3: Femoral injuries
15	Femoral neck fractures—different patients; different problems
15	Intertrochanteric fractures—treatment options and outcomes
20	Current treatment and options of subtrochanteric fractures
15	Distal femoral fractures—treatment options and outcomes
5	Location change to practical exercises and discussions
90	PRACTICAL EXERCISE 3 A
	Distal femur: fixation of an intraarticular type 33-C2.1 fracture using a
	LCP distal femoral plate or the LISS system
	•Video: 20238 (LCP DF) •Bone model: PR0904.1 • Bone model: 2162 (one for each table)
	Group 1
	Group 2
90	DISCUSSION 3 A
	Fractures of the femur
	Group 3
	Group 4
60	LUNCH BREAK
90	PRACTICAL EXERCISE 3 B
	Distal femur: fixation of an intraarticular type 33-C2.1 fracture using a
	LCP distal femoral plate or the LISS system
	•Video: 20238 (LCP DF) •Bone model: PR0904.1 • Bone model: 2162 (one for each table)
	Group 3
	Group 4
90	DISCUSSION 3 B
	Fractures of the femur

	Group 1
	Group 2
20	COFFEE BREAK
5	ARS evaluation of practical exercises and discussions 3
	Module 4: Injuries of the tibia, ankle and foot
15	Tibial shaft fractures (proximal, distal and segmental)
15	Complex tibial plateau fractures
15	Early and definitive treatment of pilon fractures
15	Complex malleolar fractures
15	Talar neck fractures and complications
15	Intraarticular fractures of calcaneus
15	Midfoot and Lisfranc injuries
10	Summary of the day
	DAY 3
90	PRACTICAL EXERCISE 4 A
	Management of a type 41-C3 bicondylar tibial plateau fracture using LCP
	• Video: 20226 • Bone model: 1152.1
	Group 1
	Group 2
90	DISCUSSION 4 A
	Fractures of the tibia, ankle, and foot
	Group 3
	Group 4
20	COFFEE BREAK
90	PRACTICAL EXERCISE 4 B
	Management of a type 41-C3 bicondylar tibial plateau fracture using LCP
	• Video: 20226 • Bone model: 1152.1
	Group 3
	Group 4
90	DISCUSSION 4 B
	Fractures of the tibia, ankle, and foot
	Group 1
	Group 2
5	Location change to the lecture hall
5	ARS evaluation of practical exercises and discussions 4
	Module 5: Polytrauma, pelvis and acetabulum
20	Mangled extremity management
20	State of the art in the management of multiple injured patients
15	Evaluation and emergency management of pelvic ring injuries
20	Definitive fixation of pelvic ring injuries
15	Principles of acetabular fracture management
60	LUNCH BREAK
90	PRACTICAL EXERCISE 5 A
	Management of a type 43-C3.2 pilon tibial fracture using an LCP distal tibia plate
	• Video: 20215 • Bone model: 9147.1
	Group 1
	Group 2
90	DISCUSSION 5 A

	Decision-making in difficult fracture problems and polytrauma patients
	Group 3
	Group 4
20	COFFEE BREAK
90	PRACTICAL EXERCISE 5 B
	Management of a type 43-C3.2 pilon tibial fracture using an LCP distal tibia plate
	• Video: 20215 • Bone model: 9147.1
	Group 3
	Group 4
90	DISCUSSION 5 B
	Decision-making in difficult fracture problems and polytrauma patients
	Group 1
	Group 2
5	Location change to the lecture hall
5	ARS evaluation of practical exercises and discussions 5
20	Compartment syndrome
10	Summary of the day
120	Course banquet
	DAY 4
	Module 6: Special situations and problems
20	Infection after ORIF
20	Open (articular) fractures
20	Treatment of metaphyseal and diaphyseal nonunions
5	Location change to practical exercises and discussions
90	PRACTICAL EXERCISE 6 A -
	Reduction techniques
	video 20207 • Bone model: 9144.1, • Bone model: 1149 (one for each table)
	Group 1
	Group 2
90	DISCUSSION 6 A
	Management of complications
	Group 3
	Group 4
20	COFFEE BREAK
25	Internal fixation in osteoporotic bone
15	Bone substitutes and bone grafts. Indications and methods
15	Management of bone defects
15	Principles of geriatric fracture care
25	Violation of principles
60	LUNCH BREAK
90	PRACTICAL EXERCISE 6 B
	Reduction techniques
	video 20207 • Bone model: 9144.1, • Bone model: 1149 (one for each table)
	Group 3
	Group 4
90	DISCUSSION 6 B
	Management of complications
	Group 1

	Group 2
5	Location change to the lecture hall
5	ARS evaluation of practical exercises and discussions 6
15	DVT
10	The AO World Your Lifelong Learning within AO
	Closing remarks