

Course description

Part 2

Other useful information about the course		
12. Name of Department, mailing address, e-mail: Department of Orthopedics and Traumatology, 45/47 Ziołowa St., 40-635 Katowice, PL / +48 (32) 359 8270, ortopedia@gcm.pl		
13. Name of the course coordinator: Hanna Sikora		
14. Prerequisites for knowledge, skills and other competencies: 1. Basic knowledge of human anatomy (including radiologic anatomy) 2. Basic knowledge of physiology and patophysiology of the musculoskeletal system 3. Knowledge of the first aid in sprains, contusions and fractures 4. Basic knowledge of the most common chronic disorders of the musculoskeletal system 5. Ability to perform physical examination, including examination of bones and joints		
15. Number of students in groups	In accordance with the Senate Resolution	
16. Study materials	Multimedia presentations; Handbook of fractures (Egol K, Koval K, Zuckerman D)	
17. Location of classes	Department of Orthopedics and Traumatology, 45/47 Ziołowa St., 40-635 Katowice, PL	
18. Location and time for contact hours	Department of Orthopedics and Traumatology, 45/47 Ziołowa St., 40-635 Katowice, PL; 7:30-14:30	
19. Learning outcomes		
Number of the course learning outcome	Course learning outcomes	Reference to learning outcomes indicated in the standards
P_W01 / C_K01	knows and understands the causes, symptoms, principles of diagnosis and management of the most common musculoskeletal disorders requiring surgical intervention, in particular fractures and disorders affecting the limbs; the knowledge should include differences found in the pediatric patients.	F.W1.4; F.W2;
P_U01 / C_S01	assists in a typical surgery, prepares the operative field and performs local anaesthesia	F.U1
P_U02 / C_S02	properly uses basic surgical instruments	F.U2
P_U03/ C_S03	follows the principles of aseptic and antiseptic techniques	F.U3
P_U04/ C_S04	manages a simple wound, applies and changes a sterile surgical dressing	F.U4
P_U05 / C_S05	assesses the x-ray examinations of the most common fractures,	F.U7

	especially fractures of the long bones		
P_U06 / C_S06	performs temporary immobilization of an injured limb, selects the type of immobilization required for use in typical clinical situations and validates adequate blood supply to the limbs after immobilization	F.U8	
20. Forms and topics of classes		Number of hours	
21.1. Lectures		10	
Diagnostic imaging in orthopaedics and traumatology		2	
Management of a patient with multiple trauma		2	
Osteoarthritis – pathogenesis, diagnosis and treatment		2	
Inflammatory diseases of the bones		1	
Principles of operative treatment of fractures		2	
Bone tumours and tumour-like conditions		1	
23.3. Labs		35	
Injuries of the upper and the lower limb		3	
Physical examination in orthopaedics.		4	
Operative treatment of fractures		5	
Injuries of pelvis and spine		3	
Basic concepts in pediatric orthopaedics. Fractures and dislocations in children.		3	
Diagnostic imaging in orthopaedics and traumatology – reading X-rays		3	
The most common musculoskeletal disorders. Orthopaedic outpatients		5	
Outpatient management of musculoskeletal injuries (Emergency Room and orthopaedic Outpatients)		3	
Principles of limb immobilization. Application of plaster-of-Paris		3	
In-patient treatment of musculoskeletal trauma/disorders		3	
24. Readings			
Handbook of fractures (Egol K, Koval K, Zuckerman D)			
25. Detail evaluation criteria			
<div>1. demonstration of physical examination and/or the required exercises, active participation in classes/labs - correct demonstration of the required skills, proper performance of the required exercises</div> <div>2. assessment of student's performance during classes / labs - the student follows the local rules and regulations, respects medical confidentiality, initiates and maintains a tactful contact with a patient</div>			
for grade 2	for grade 3	for grade 4	for grade 5
the student is not able to comment on, does not know, do not know the required content (even with the help of a teacher)	the student knows facts / interprets facts adequately, has the knowledgerequired for achieving course objectives, knows the basic facts, and is able to give correct answers with assistance of the teacher	the student is able to give answers without assistance, knows most of the required content, and uses the correct language (medical terms)	the student knows / interprets the facts very well; student's answer is specific and comprehensive; the student is familiar with the required concepts, usues the correct language (medical terms), recognizes causative relations, draws appropriate

			conclusions		
the student is not able to perform the required activities, even with the help of a teacher	the student performs sufficiently, knows the basic facts, and with the help of a teacher properly performs the required exercise and/or interprets the results	the student performs the required exercises well and without assistance of a teacher; is able to interpret the results	the student performs the required exercise flawlessly, interprets the result, and is able to draw conclusions from the study		
the student is not able to initiate and maintain contact with a patient; is not able to put the good of the patient in the first place; does not respect medical confidentiality and/or the patient's rights	sufficiently initiates and maintains contact	initiates and maintains contact well	initiates and maintains contact very well		
	puts the good of the patient in the first place	puts the good of the patient in the first place	puts the good of the patient in the first place		
	respects medical confidentiality and the patient's rights	respects medical confidentiality and the patient's rights	respects medical confidentiality and the patient's rights		
	is able to self-study	is able to self-study	is able to self-study and		
<p>In accordance with the recommendations of the inspection bodies</p> <p>Completion of the course – student has achieved the assumed learning outcomes</p> <p>Detail criteria for completion and evaluation of the course are specified in the course regulations</p>					