



Syllabus, academic year 2020/2021

Description of the course

Course Name:	Orthopedics and Traumatology	Grupa szczegółowych efektów kształcenia	
		Group code F	Group name: Clinical classes
Faculty	Medicine		
Major	Medicine		
Specialties	not applicable		
Level of studies	X Uniform magister studies		
Form of studies	X full-time X part-time		
Year of studies	IV	Semestr studiów:	X winter <input type="checkbox"/> summer
Type of course	X obligatory		
Course	X major		
Language of instruction	<input type="checkbox"/> Polish X English <input type="checkbox"/> other		

* mark with an X

Number of hours

Form of education

Unit teaching the course:	Lectures (L)	Seminars (SE)	Auditorium Classes (AC)	Major classes - not clinical (MC)	Clinical Classes (CC)	Laboratory Classes (LC)	Classes in Simulated Conditions (CSC)	Practical Classes with Patient (PCP)	Specialist Classes - master studies (SCM)	Foreign language Course (FLC)	Physical Education obligatory (PE)	Vocational Practice (VP)	Self-Study (Student's own work) (SS)
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Winter semester:

Chair and Clinic of Orthopedics and Traumatology	4	5			20								
Chair and Clinic of Traumatology and Hand Surgery	1	5			20								

Summer semester:

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Total per year:	5,0	10,0			40,0								

Educational objectives: (max. 6 items)

- C1. Familiarize students with the principles of diagnosis and treatment of disease within the musculoskeletal system, including childhood diseases
- C2. Familiarize students with the principles of diagnosis and treatment of the consequences of injuries within the musculoskeletal
- C3. Detailed familiarize students with the symptoms, diagnosis and principles of conduct in the ad hoc emergencies in orthopedics and traumatology
- C4. Familiarize students with the principles of immobilizing fractures in the extremities and control the safety of pinning

Education results matrix for course in relation to verification methods of the intended education result and the type of class :

Number of course education result	Number of major education (E or F group)	Student who completes the course knows/ is able to Please enter from 5 to max. 7 education results – examples of verbs defining the education result in the scope of student's knowledge: uses, performs, resolves	Methods of verification of intended education results (forming and summarising)	Form of didactic class ** enter the abbreviation
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W1	F.W1.	He knows and understands the causes, symptoms, principles of diagnosis and therapeutic management in relation to the most common diseases requiring surgical intervention within the musculoskeletal system, including the separation of childhood, in particular: c) diseases of limbs and head. d) bone fractures and injuries of organs	Test, Oral answer	CK, WY
W2	F.W2.	He knows selected issues of pediatric surgery, including traumatology, defects and diseases that are acquired indication for surgical treatment in children	Test, Oral answer	CC, L
W3	F.W3.	He knows the rules of eligibility, and the performance and the most frequent complications of basic surgeries and invasive diagnostic procedures and treatment;	Test, Oral answer	CC, L
W4	F.W5.	He knows the treatment of post-operative analgesic therapy	Test, Oral answer	CC, L
W5	F.W10.	He knows the issues of today used imaging tests, in particular: a) the fundamental radiation symptomatology of diseases, b) instrumental methods and imaging techniques used to perform medical treatments.	Test, Oral answer	CC, L
U1	F.U1.	assists with typical surgery, prepare the surgical site and locally anesthetized the operated area	Test, Oral answer	CC
U2	F.U2.	apply the principles of aseptic and antiseptic	Test, Oral answer	CC
U3	F.U3.	apply the principles of aseptic and antiseptic	Test, Oral answer	CC
U4	F.U4.	supplies a simple wound, it is assumed and changes sterile surgical dressing	Test, Oral answer	CC
U5	F.U7.	assesses the results of radiological research in the field of the most common types of fractures, especially fractures of the long bones	Test, Oral answer	CC
U6	F.U8.	performs temporary immobilization of a limb, selects the type of immobilization required for use in typical clinical situations and validate blood supply to the limbs after the founding of the dressing immobilizing	Test, Oral answer	CC

** L - lecture; SE - seminar; AC - auditorium classes; MC - major classes (non-clinical); CC - clinical classes; LC - laboratory classes; SCM - specialist classes (master studies); CSC - classes in simulated conditions; FLC - foreign language course; PCP - practical classes with patient; PE - physical education (obligatory); VP - vocational practice; SS - self-study; EL - E-learning.

Please mark on scale 1-5 how the above effects place your classes in the following categories: communication of knowledge, skills or forming attitudes:

knowledge: 5

Skills: 4

Student's amount of work (balance of ECTS points):

Student's workload (class participation, activity, preparation, etc.)	Student Workload (h)
1. Contact hours:	180
2. Student's own work (self-study):	90
Total student's workload	270
ECTS points for course	10,0
Comments	

Content of classes (please enter topic words of specific classes divided into their didactic form and remember how it is translated to intended educational effects))

Lectures

Katedra i Klinika Ortopedii i Traumatologii Narządu Ruchu UM we Wrocławiu

1. Degenerative diseases of the locomotor system.

2. Developmental dysplasia of the hip. Clubfoot and other malformations. Locomotor system diseases of adolescence.

Katedra Chirurgii Urazowej i Klinika Urazowej i Chirurgii Ręki UM we Wrocławiu



1. Epidemiology of injuries. Rules of conduct in the injuries of the musculoskeletal system.

Content of lessons/ seminars

1. Orthopaedics physical examination
2. Club foot
3. Scoliosis
4. Osteoarthritis, coxarthrosis, gonarthrosis
5. Hip dysplasia
6. Epidemiology of trauma. Fractures in children
7. Injury of the spine and pelvis
8. Upper limb injury
9. Lower limb injury
10. Fracture immobilisation techniques, orthopaedic braces

Primary literature: (list according to importance, no more than 3 items)

1. Campbell's operative orthopaedics, 11 edition; S. Terry Canale & James H. Beaty, The C.V. Mosby Company, 2007.

Secondary literature: (list according to importance, no more than 3 items)

1. Campbell's operative orthopaedics, 11 edition; S. Terry Canale & James H. Beaty, The C.V. Mosby Company, 2007.

Didactic resources requirements: (e.g. laboratory, multimedia projektor, other...)
computer, data projector, presentation and audiovisual materials

Preliminary conditions: (minimum requirements to be met by the student before starting the course)

Knowledge of: Basics of physical examination; Basics of locomotor system anatomy.

Conditions to receive credit for the course (specify the form and conditions of receiving credit for classes included in the module/course, admission terms to final theoretical or practical examination, its form and requirements to be met by the student to pass it and criteria for specific grades)

CRITERIA FOR PASSING THE CLASSES:

Very Good (5.0)	Presence on all classes, very good practical and theoretical knowledge of the exercise material
Good Plus (4.5)	Presence on all classes, good plus practical and theoretical knowledge of the exercise material
Good (4.0)	Presence on all classes, good practical and theoretical knowledge of the exercise material
Satisfactory Plus (3.5)	Presence on all classes, satisfactory plus practical and theoretical knowledge of the exercise material
Satisfactory (3.0)	Presence on all classes, satisfactory practical and theoretical knowledge of the exercise material



Failing (2)	Absence on 2 or more classes, failing of practical and theoretical knowledge of the exercise material			
Grade:	Criteria: (only for courses/module ending with an examination)			
Very good (5,0)	56 – 60			
Above good (4,5)	51 – 55			
Good (4,0)	44 - 50			
Sufficiently good (3,5)	37 – 43			
Satisfactory (3,0)	31 – 36			
Failing (2)	0 - 30			
Name of unit teaching course:	Chair and Clinic of Orthopedics and Traumatology, Wrocław Medical University			
Address	ul. Borowska 213, 50-556 Wrocław			
Phone	71 734 32 00			
E-mail	s.dragan@umed.wroc.pl			
Name of unit teaching course:	Chair and Clinic of Traumatology and Hand Surgery, Wrocław Medical University			
Address	ul. Borowska 213, 50-556 Wrocław			
Phone	71 734-3800			
E-mail	maciejurban@poczta.onet.pl			
Person responsible for course:	Prof. dr hab. Szymon Dragan, Dr n. med. Szymon Dragan, Dr n. med. Maciej Urban			
Phone	71 734 32 00, 71 734-3800			
E-mail	s.dragan@umed.wroc.pl , maciejurban@poczta.onet.pl			
<i>List of persons conducting specific classes:</i>	<i>degree/scientific or professional title</i>	<i>Discipline</i>	<i>Performer profession</i>	<i>Form of classes</i>
Szymon Dragan	Prof. dr hab.	Orthopedics and traumatology	physician; u.t.	CC
Artur Krawczyk	Dr n med.	Orthopedics and traumatology	physician; u.t.	CC
Mirosław Kulej	Dr n med.	Orthopedics and traumatology	physician; u.t.	CC
Piotr Morasiewicz	Dr hab.	Orthopedics and traumatology	physician; u.t.	CC
Szymon Łukasz Dragan	Dr n med.	Orthopedics and traumatology	physician; u.t.	CC
Wiktor Orzechowski	Dr n med.	Orthopedics and traumatology	physician; u.t.	CC
Andrzej Wielgus	Lek.	Orthopedics and traumatology	physician; u.t.	CC
Piotr Wodziński	Lek.	Orthopedics and traumatology	physician; u.t.	CC
Jerzy Gosk	Dr hab. prof. nadzw. UMW	Orthopedics and traumatology	physician; u.t.	CC
Maciej Urban	Dr n med.	Orthopedics and traumatology	physician; u.t.	CC
Jacek Martynkiewicz	Dr n med.	Orthopedics and traumatology	physician; u.t.	CC
Marek Stępniewski	Lek.	Orthopedics and traumatology	physician; u.t.	CC
Sebastian Kuliński	Lek.	Orthopedics and traumatology	physician; u.t.	CC



Olga Gutkowska	Lek.	Orthopedics and traumatology	physician; u.t.	CC	
Michał Bąk	Lek.	Orthopedics and traumatology	physician; u.t.	CC	

Date of Syllabus development

30.06.2020

Syllabus


Dr n med. Maciej Urban
Dr n med Szymon Dragan,

Signature of Head of teaching unit

Signature of Faculty Dean

Wrocław Medical University
Faculty of Medicine
Vice Dean for English Studies

prof. Beata Śluszczyńska

Uniwersytet Medyczny im. Piastów Śląskich
we Wrocławiu
KATEDRA ORTOPEDII I TRAUMATOLOGII
NARZĄDU RUCHU
Klinika Ortopedii i Traumatologii Narządu Ruchu
kierownik

prof. dr hab. Szymon Dragan

