



Syllabus 2020/2021														
Description of the course														
Module/Course	Practical clinical teaching - selected specialty: Internal medicine.										Group of detailed education results			
											Group code	Group name		
											E	non-interventional clinical sciences		
Faculty	Medicine													
Major	Medicine													
Specialties	Not applicable													
Level of studies	Uniform magister studies X * 1 st degree studies <input type="checkbox"/> 2 nd degree studies <input type="checkbox"/> 3 rd degree studies <input type="checkbox"/> postgraduate studies <input type="checkbox"/>													
Form of studies	X full-time <input type="checkbox"/> part-time													
Year of studies	6 th year						Semester	<input type="checkbox"/> Winter X Summer						
Type of course	X obligatory <input type="checkbox"/> limited choice <input type="checkbox"/> free choice / elective													
Course	X major <input type="checkbox"/> basic													
Language of instruction	<input type="checkbox"/> Polish X English <input type="checkbox"/> other													
* mark <input type="checkbox"/> 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 (CCP)	Specialist Classes – magister studies (SCM)	Foreign language Course (FLC)	Physical Education obligatory (PE)	Vocational Practice (VP)	Self-Study (Student's own work)	E-learning (EL)
Winter Semester														
Summer Semester														
Department and Clinic of Cardiology					180									
TOTAL per year:														



Department and Clinic of Cardiology		180									
Educational objectives (max. 6 items)											
C1. To acquire taking history and physical examination of an adult.											
C2. To acquire knowledge of the symptomatology of cardiovascular disease in adults.											
C3. To acquire ability to interpret additional tests (laboratory, imaging, functional) in cardiovascular diseases.											
C4. To acquire the ability to differential diagnosis of cardiovascular disease.											
C5. To know of modern cardiovascular therapy.											
Education result matrix for module/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 result	Student who completes the module/course knows/is able to	Methods of verification of intended education results (forming and summarizing)	Form of didactic class <i>**enter the abbreviation</i>							
S 01	E.U1.	Conducts medical history with an adult patient.	Forming: - observation while performing practical activities using existing devices. Summarizing: - planning diagnostic and therapeutic procedures in the presented clinical situation (clinical scenario), - oral answer after the class.	CC							
S 02	E.U3.	Performs a full and targeted physical examination of an adult patient with cardiovascular disease.									
S 03	E.U14.	Recognizes immediate life-threatening conditions associated with cardiovascular disease.									
S 04	E.U24.	Interprets laboratory results and identify the causes of deviations from the norm.									
S 05	E.U.29.	Performs basic medical procedures and procedures applicable in the diagnosis and treatment of cardiovascular diseases, including: - non-invasive blood pressure measurement, - monitoring vital signs with the help of a cardiomonitor, - arterial blood collection, - standard resting ECG interpretation, - electrical cardioversion and cardiac defibrillation.									



S 06	E.U30.	Assisted in carrying out the following medical procedures and procedures: - pleural drainage, - puncture of the pericardial sac, - peritoneal puncture.		
S 07	E.U18.	Propose the individualization of existing therapeutic guidelines and other methods of treatment against ineffectiveness or contraindications to standard therapy used in cardiovascular diseases.		
<p>** L - lecture; SE - seminar; AC – auditorium classes; MC – major classes (non-clinical); CC – clinical classes; LC – laboratory classes; SCM – specialist classes (magister studies); CSC – classes in simulated conditions; FLC – foreign language course; CC practical classes with patient; PE – physical education (obligatory); VP – vocational practice; SS – self-study, EL – E-learning .</p>				
<p>Please mark on scale 1-5 how the above effects place your classes in the following categories: communication of knowledge, skills or forming attitudes: Skills: 5</p>				
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 module/course			12,0	
Comments				
Content of classes				
Lectures - not applicable				
Seminars – not applicable				
Classes				
Main topics discussed during practical classes with patients				
- Stable coronary syndromes. Symptoms, diagnostics, treatment.				
- Acute coronary syndromes. Symptoms, diagnostics, treatment.				
- Arrhythmias: ventricular and supraventricular. Electrocardiographic diagnostics. Invasive diagnostics. Pharmacotherapy. Invasive treatment.				
- Valvular heart disease: stenosis, regurgitation, complex defect. Qualification of patients for cardiac surgery. Symptoms, diagnostics, treatment.				
- Acute heart failure. Symptoms, diagnostics, treatment.				
- Chronic heart failure. Symptoms, diagnostics, treatment.				
- Infectious endocarditis. Symptoms, diagnostics, treatment.				



<ul style="list-style-type: none"> - Pericardial diseases. Symptoms, diagnostics, treatment. - Myocardial diseases: myocarditis, cardiomyopathies. Symptoms, diagnostics, treatment. - Comprehensive care for patients with cardiovascular diseases. Anticoagulant and antiplatelet therapy. <p>Qualification of patients for non-cardiac surgery.</p> <ul style="list-style-type: none"> - Comprehensive care for patients who are pregnant with cardiovascular diseases. 	
Basic literature (list according to importance, no more than 3 items)	
not applicable	
Additional literature and other materials (no more than 3 items)	
not applicable	
Didactic resources requirements	
not applicable	
Preliminary conditions	
not applicable	
Conditions to receive credit for the course	
Active participation in classes and practical skills test	
Grade:	Criteria for course
Very Good (5.0)	The student actively participates in classes, is well prepared, is very good at assessing the patient's subjective and objective condition, planning diagnostic procedures, establishing differential diagnoses, interpreting the results of diagnostic tests and planning and implementing appropriate therapeutic and therapeutic procedures.
Good Plus (4.5)	The student actively participates in classes, is able to assess the patient's subjective and objective condition, plan diagnostic procedures, establish differential diagnoses, interpret diagnostic test results and plan and implement appropriate therapeutic and therapeutic procedures.
Good (4.0)	The student actively participates in classes, is corrected, is able to assess the patient's subjective and objective condition, plan diagnostic procedures, establish differential diagnoses, interpret diagnostic test results and plan and implement appropriate therapeutic and therapeutic procedures.
Satisfactory Plus (3.5)	The student participates in classes, his scope of preparation does not allow a comprehensive presentation of the discussed problem, is able to assess the patient's subjective and objective condition, plan diagnostic procedures, establish differential diagnoses, interpret diagnostic test results, and plan and implement appropriate therapeutic and therapeutic procedures, it is often corrected.
Satisfactory (3.0)	The student participates in classes, is sufficiently able to subject and subject patient, plan diagnostic procedures, establish differential diagnoses, interpret diagnostic results and plan and implement appropriate therapeutic and therapeutic procedures, but often makes mistakes.

Name of unit teaching course:	Department and Clinic of Cardiology
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Person responsible for course:	Professor Andrzej Mysiak, MD, PhD
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<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>
Wiktor Kuliczkowski	MD, PhD, Assoc. Prof.	Internal diseases, cardiology	Physician, u.t.	CC
Marcin Protasiewicz	MD, PhD, Assoc. Prof.	Internal diseases, cardiology	physician, u.t.	CC
Tomasz Witkowski	MD, PhD, Assoc. Prof.	Internal diseases, cardiology	physician, u.t.	CC
Konrad Kaaz	MD, PhD	Cardiology	physician, u.t.	CC
Małgorzata Kobusiak-Prokopowicz	MD, PhD	Internal diseases, cardiology	physician, u.t.	CC
Magdalena Cielecka-Prynda	MD, PhD candidate	Internal diseases, cardiology in training	physician, u.t.	CC
Dawid Bednarczyk	MD, PhD candidate	Cardiology in training	physician, u.t.	CC
Maciej Kabaj	MD, PhD candidate	Internal diseases, in training	physician, u.t.	CC
Wojciech Kosowski	MD, PhD candidate	Internal diseases, in training	physician, u.t.	CC

Date of Syllabus development

25.05.2020

Syllabus developed by

Dr n. med. Konrad Kaaz

Signature of Head of teaching unit

Signature of Faculty Dean

Wrocław Medical University
Faculty of Medicine
Vice-Dean
.....
prof. Beata Bieszczyńska, PhD

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