



Syllabus, academic year 2018/2019

Description of the course

Course Name:	Practical Clinical Teaching – chosen specialty: Internal medicine	Group of detailed education results	
		Group code (E or F): E	Group name: Non-interventional clinical sciences
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:	VI	Semester:	X summer (april/may)
Type of course	X obligatory		
Course	X major		
Language of instruction	<input type="checkbox"/> Polish <input checked="" type="checkbox"/> 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 (PCP)	Specialist Classes – master studies (SCM)	Foreign language Course (FLC)	Physical Education obligatory (PE)	Vocational Practice (VP)	Self-Study (Student's own work) (SS)	E-learning (EL)

Winter semester:

Not applicable					Not applicable									
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Summer semester:

Department of Heart Diseases					180									
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Total per year:

Department of Heart Diseases					180									
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Educational objectives: (max. 6 items)

- C1. To acquire the knowledge of taking history and performing physical examination in adult patient.  
 C2. To acquire the knowledge of the symptomatology of cardiovascular, hormonal, haematological, occupational and rheumatoid disorders in adult patients.  
 C3. To develop the skills of interpretation of abnormalities found on additional tests, particularly in cardiovascular diseases.  
 C4. To develop the ability to perform differential diagnosis in adult patients.  
 C5. To know the rules of the contemporary treatment regiments of internal diseases, particularly in cardiovascular disorders.

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
S 01	E.S1	Skills of taking directed medical history of adult patient	observation of the performed activity and discussion	S 01
S 02	E.S3	Skills of conducting complete physical examination of adult patient	observation of the performed activity and discussion	S 02
S 03	E.S16	Ability to plan the diagnostic, therapeutic and preventive procedures	observation of the performed activity and discussion	S 03
S 04	E.S24	Ability to interpret the results of laboratory tests and identify the causes of abnormalities	observation of the performed activity	S 04



S 05	E.S29	Performs basic treatment procedures	and discussion observation of the performed activity and discussion	S 05
S 06	E.S38	Conducts medical records of the patient	observation of the performed activity and discussion	S 06

\*\* 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:

Skills: 5

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

Student's workload (class participation, activity, preparation, etc.)	Student Workload (h)
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1. Contact hours:	180
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2. Student's own work (self-study):	90
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Total student's workload	270
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ECTS points for course	10,0
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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 - not applicable**

**Seminars - not applicable**

**Classes**

1. Physical examination of the patient, particularly of cardiovascular system.
2. Laboratory parameters in internal diseases, particularly in cardiovascular disorders.
3. Imaging techniques in cardiology.
4. Drugs used in cardiology.
5. Mitral regurgitation. STEMI. Coronary angiography and PCI. ECG - 10 cases.
6. Advanced life support. ECG - 10 cases.
7. Mitral stenosis. Bradyarrhythmias and conductance disturbances. ECG - 10 cases.
8. NSTEMI. Unstable angina. ECG - 10 cases.
9. Aortic regurgitation. SVT. AF/AFL. Prophylaxis of arterial and venous thrombotic events. ECG - 10 cases.
10. Aortic stenosis. VT. Sudden cardiac death. Stable angina pectoris.
11. Blood pressure measuring. Arterial hypertension. ECG - 10 cases.
12. Electrophysiology study, Holter- ECG. PM + CRT + ICD.
13. Prevention of cardiovascular diseases.
14. Chronic heart failure. Cardiopulmonary exercise test. Heart transplantation.
15. Acute heart failure (including pulmonary oedema, cardiogenic shock, right ventricular failure, hyperkinetic heart failure).
16. Infective endocarditis. Pericarditis. Cardiac tamponade.
17. Pulmonary embolism and vein thrombosis. Prophylaxis of arterial and venous thrombotic events.
18. Pulmonary hypertension. Congenital heart diseases. Cardiac tumours.

**Other - etc....**

**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:** (e.g. laboratory, multimedia projektor, other...)

Not applicable

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

Not applicable

**Conditions to receive credit for the course** (specify the form, criteria 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).

**Each absence must be made up, including rector's days or dean's hours (make up of classes on duty/in the clinic, preparation of the presentation by the student).**

**Active participation in classes, test of practical skills and final test (at least 60% of the maximum number of points).**



Grade:	Criteria for course
Very good (5,0)	Activity in classes above the average Obtaining 91-100% of the maximum number of points from the final test
Above good (4,5)	Activity in classes above the average Obtaining 81-90% of the maximum number of points from the final test
Good (4,0)	Activity in classes average Obtaining 71-80% of the maximum number of points from the final test
Sufficiently good (3,5)	Activity in classes average Obtaining 66-70% of the maximum number of points from the final test
Sufficient (3,0)	Activity in classes below the average Obtaining 60-65% of the maximum number of points from the final test

<b>Name of unit teaching course:</b>	<b>Department of Heart Diseases</b>
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<b>Person responsible for course:</b>	Prof. dr hab. Piotr Ponikowski
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List of persons conducting specific classes:	degree/scientific or professional title	Discipline	Performer profession	Form of classes
Piotr Ponikowski	professor	internal medicine, cardiology	physician	CC
Ewa Jankowska	professor	internal medicine, cardiology	physician	CC
Krzysztof Reczuch	professor	internal medicine, cardiology	physician	CC
Piotr Kübler	PhD	internal medicine, cardiology	physician	CC
Krystian Josiak	PhD	internal medicine, cardiology	physician	CC
Robert Zymliński	PhD	internal medicine, cardiology	physician	CC
Jan Biegus	PhD	internal medicine, cardiology	physician	CC
Piotr Niewiński	PhD	internal medicine, cardiology	physician	CC
Mateusz Sokolski	PhD	internal medicine, cardiology	physician	CC
Brunon Tomaszewicz	PhD student	internal medicine, cardiology	physician	CC
Anna Tarnawska	assistant	internal medicine, cardiology	physician	CC
Andrzej Szczepański	assistant	internal medicine, cardiology	physician	CC

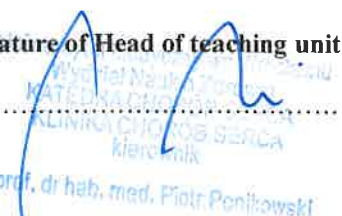
Date of Syllabus development

1.07.2018 r.


Syllabus developed by

dr n. med. Piotr Kübler

Signature of Head of teaching unit

  
KATEDRA KARDIOLOGII  
KLINIKI CHOROBY SERCA  
Kierownik  
Prof. dr hab. med. Piotr Ponikowski

Signature of Faculty Dean

  
Wrocław Medical University  
FACULTY OF MEDICINE  
VICE-DEAN FOR STUDIES IN ENGLISH  
Prof. Andrzej Hendrich, PhD

