



Oncology													
TOTAL per year:													
		3											
Educational objectives (max. 6 items) C1 Introduction to the principles of internal medicine during ER C2 Introduction to etiology, syptomatology and diagnosis principles of emergencies in internal medicine C3 Introduction to etiology, syptomatology and diagnosis principles due to EBM													
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 summarising)			Form of didactic class <i>**enter the abbreviation</i>		
K01	EW1	1. E.W1.Students know genetic, environmental and epidemiologic foundation of the most common diseases Students know and understand causes, symptoms, diagnosis, management and complications of the most common internal diseases in adults. In particular common urgent and emergent internal diseases. Students know causes, symptoms, diagnosis, management in case of emergent hypertension, decompensated heart failure, stroke, acute hemostatic disorders (purpura, thrombosis, disseminated intravascular coagulation, pulmonary embolism), arrhythmia, pneumonia, asthma and COPD exacerbation, electrolyte, mineral and acid-base disorders, allergic reactions, diabetic and other endocrine emergencies, gastrointestinal bleeding, anemia, thrombocytopenia and leukopenia. Students differentiate and diagnose systemic inflammatory response syndrome, sepsis, metabolic and neoplastic diseases. Students knows causes,						Oral exam/discussion			SE		
K02	EW27												
K03	EW28												
K04	EW40												
K05	CW1												



K06	CW1	symptoms, diagnosis and treatment of hypertension according to EBM;		
K07	EW3	. Describe and understand the causes of fluid or electrolyte imbalance, acid-base disturbances, dehydration, acidosis, alkalosis.		
K08	EW39	Describe and understand the causes, symptoms, diagnosis and management in most common problems of palliativ medicine:		
K09	EW17	Describe the syptomatic treatment of most common disorders, describe the treatment in cancer cacheksia and the prevention and treatment of bedsores		
K10	EW18	describe the treatment in most common medical emergency in palliativ medicine		
K11	EW20	Describe the treatment of terminally ill patients		
S 01 S02	E.U1. E.U3.	Student performs with the patient's medical history for adults;☒	Oral exam/discussion	SE
S03 S04 S05	E.U2., E.U13. i E.U7.	Student performs complete physical examination and patient-oriented adult; estimates general condition, consciousness and awareness of the patient;☒		
S06 S07 S09	E.U12., E.U3., E.U4., E.U5. i E.U24.	performs differential diagnosis of the most common diseases in adults and children;☒		
S10	E.U6.	assesses and describes the state of somatic and mental patient;☒		
S11	E.U8. i E.U14. E.U9.	recognizes state the immediate danger of life;		
S12 S13	E.U10., E.U15. i E.U34.	recognizes the state after consuming alcohol, drugs and other drugs;		

** L - lecture; SE - seminar; AC – auditorium classes; MC – major classes (non-clinical); CC – clinical classes;

<p>LC – laboratory classes; SCM – specialist classes (magister 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 .</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: Knowledge: 3 Skills: 1</p>	
<p>Student's amount of work (balance of ECTS points)</p>	
<p>Student's workload (class participation, activity, preparation, etc.)</p>	<p>Student Workload (h)</p>
1. Contact hours:	30
2. Student's own work (self-study):	9
Total student's workload	39
ECTS points for module/course	1,5
<p>Comments N/A</p>	
<p>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) During the classes students will become familiar with issues from particular sections of Internal Medicine</p>	
<p>Lectures N/A</p>	
<p>Seminars <ol style="list-style-type: none"> 1. The nephrological issues in final exam 2. The cardiovascular issues in final exam 3. The rheumatological issues in final exam 4. The endocrine issues in final exam 5. The pulmonary issues in final exam 6. The gastroenterological and hematologic issues in final exam 7. The issues concerning fluid, electrolyte and acid-base balance in final exam </p>	
<p>Practical classes N/A</p>	
<p>Other N/A</p>	
<p>Basic literature (list according to importance, no more than 3 items) <ol style="list-style-type: none"> 1. The Washington Manual of Critical Care Marin H. Kolleff, Timothy J. Bedient, Warren Isakow, Chad A. Witt, Lippincott Williams & Wilkins, 10.02.2012 or newer 2. Harrison's Principles of Internal Medicine: 19th Edition – 2015 </p>	
<p>Additional literature and other materials (no more than 3 items) <ol style="list-style-type: none"> 1. Acute Medicine: A Practical Guide to the Management: David Sprigings, John B. Chambers, et al. Blackwell Science Ltd Published by Blackwell Publishing 2010 or newer 2. Common Medical Diagnoses: An Algorithmic Approach. Patrice M. Healey, Edwin J. Jacobson 83-89012-65-0, Blackwell Science Ltd Published by Blackwell Publishing 2012 or newer </p>	
<p>Requirements for teaching resources: (e.g. laboratory, multimedia projector, other ...) Multimedia projector, computer</p>	
<p>Preliminary terms and conditions: (minimal terms and conditions required before the student commences the course). attendance, oral exam</p>	
<p>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)</p>	
<p>Grade:</p>	<p>Criteria (only for courses/modules ending with an examination)</p>
<p>Very Good (5.0)</p>	<p>N/A</p>



Good Plus (4.5)	
Good (4.0)	
Satisfactory Plus (3.5)	
Satisfactory (3.0)	

Name and address of unit conducting the course, contact information: telephone and e-mail
Department of Internal Medicine, Occupational Diseases and Hypertension
50-556 Borowska 213 Wrocław, 71- 7364000 Email: kcz@usk.wroc.pl

The list of teachers performing the classes: Name and Surname, academic or professional degree/title, field of study, occupation, type of classes:

1. **Adrian Doroszko MD, PhD**, physician, a specialist in internal medicine, in the course of specializing in cardiology, clinical medicine, clinical sciences, seminar
2. **Maciej Jakubowski MD**, a PhD candidate, physician in the course of specializing in internal medicine, clinical medicine, clinical sciences, seminar
3. **Maciej Bładowski MD**, a PhD candidate, physician in the course of specializing in internal medicine, clinical medicine, clinical sciences, seminar
4. **Monika Michałek MD**, a PhD candidate, physician in the course of specializing in internal medicine, clinical medicine, clinical sciences, seminar
5. **Weronika Korzyńska MD**, a PhD candidate, physician in the course of specializing in internal medicine, clinical medicine, clinical sciences, seminar
6. **Diana Frontkiewicz MD**, a PhD candidate, physician in the course of specializing in internal medicine, clinical medicine, clinical sciences, seminar
7. **Katarzyna Kożuch-Sajdak MD**, a PhD candidate, physician in the course of specializing in internal medicine, clinical medicine, clinical sciences, seminar
8. **Leopold Rehan MD**, a PhD candidate, physician in the course of specializing in internal medicine, clinical medicine, clinical sciences, seminar
9. **Dominika Urbanik MD**, a PhD candidate, physician in the course of specializing in internal medicine, clinical medicine, clinical sciences, seminar
10. **Magdalena Stępniewska MD**, a PhD candidate, physician in the course of specializing in internal medicine, clinical medicine, clinical sciences, seminar
11. **Jakub Gawrys MD**, a PhD candidate, physician in the course of specializing in internal medicine, clinical medicine, clinical sciences, seminar
12. **Jakub Mochol MD**, a PhD candidate, physician in the course of specializing in internal medicine, clinical medicine, clinical sciences, seminar

Person responsible for the course:
Adrian Doroszko, MD, PhD

Date of Syllabus development

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ZAWODOWYCH, NADCIŚNIENIA TĘTNICZEGO
I ONKOLOGII KLINICZNEJ
Stołnica dydaktyczny
dr hab. Adrian Doroszko

Syllabus developed by
Dr hab. n. med. Adrian Doroszko.

Signature of Head of teaching unit

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Kierownik
Prof. dr hab. Grzegorz Mazur

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

Signature of Faculty Dean

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