



TOTAL per year:												
		3 0										
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>		
K 01	EW1	Students know genetic, environmental and epidemiologic foundation of the most common diseases					Oral exam/discussion			SE		
K02	EW27	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.										
K03	EW28	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.										
K04	EW40	Students differentiate and diagnose systemic inflammatory response syndrome, sepsis, metabolic and neoplastic diseases.										
K05 K06	CW1 CW1	Students knows causes, symptoms, diagnosis and treatment of hypertension										



K07	EW3	according to EBM;		
K08	EW39	. Describe and understand the causes of fluid or electrolyte imbalance, acid-base disturbances, dehydration, acidosis, alkalosis. 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 S03 S04 S05 S06 S07 S09 S10 S11 S12 S13	E.U1. E.U3. E.U2., EU13. i E.U7. E.U12., EU3., EU4., E.U5. i E.U24. E.U6. E.U8. i EU14. E.U9. E.U10., E.U15. i EU.34.	Student performs with the patient's medical history for adults;☒ Student performs complete physical examination and patient-oriented adult; estimates general condition, consciousness and awareness of the patient;☒ performs differential diagnosis of the most common diseases in adults and children;☒ assesses and describes the state of somatic and mental patient;☒ recognizes state the immediate danger of life; recognizes the state after consuming alcohol, drugs and other drugs;	Oral exam/discussiom	SE
<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; 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>				



Student's workload (class participation, activity, preparation, etc.)	Student Workload (h)
1. Contact hours:	30
2. Student's own work (self-study):	9
Total student's workload	39
ECTS points for module/course	1,5
Comments N/A	
Content of classes In the course of the classes, students will become familiar the theoretical knowledge and clinical practice regarding management of patients with chest pain, duspnoea, decompensation of congestive heart failure and cardiac arrhythmias. Next, the issues regarding diagnosis and management of patient with loss of consciousness/fainting, patient with symptoms of shock will be presented. Subsequently, students will be taught how to manage patient with stomach ache, patient with bleeding and haemostatic disorders, GIT bleedings and acute liver failure as well as patient with fever of unknown origin/ patient with cachexia. guidelines regarding stroke, deep vein thrombosis and pulmonary embolism will be discussed and subsequently diabetic emergencies and metabolic disorders as well as eElectrolyte and acid-base disorders and acute kidney failure will be commented. Finally, the management of asthma and COPD exacerbation as well acute respiratory failure will be discussed.	
Lectures N/A	
Seminars	
1. Patient with chest pain, dyspnoea. Decompensation of congestive heart failure and cardiac arrhythmias.	
2. Patient with loss of consciousness/fainting, patient with symptoms of shock	
3. Patient with stomach ache, patient with bleeding and haemostatic disorders, GIT bleedings and acute liver failure	
4. Patient with fever of unknown origin/ patient with cachexia	
5. Stroke, deep vein thrombosis and pulmonary embolism	
6. Diabetic emergencies and metabolic disorders. Electrolyte and acid-base disorders Acute kidney failure	
7. Asthma and COPD exacerbation. Acute respiratory failure	
Practical classes N/A	
Other N/A	
Basic literature (list according to importance, no more than 3 items)	
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	
Additional literature and other materials (no more than 3 items)	
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	
Requirements for teaching resources: (e.g. laboratory, multimedia projector, other ...)	
Multimedia projector, computer	
Preliminary terms and conditions: (minimal terms and conditions required before the student commences the course). attendance, oral exam	
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 med by the student to pass it and criteria for specific grades)	
Grade:	Criteria (only for courses/modules ending with an examination)
Very Good (5.0)	N/A
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: kcj@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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Uniwersytet Medyczny we Wrocławiu
KATEDRA I KLINIKA CHOROBY WEWNETRZNYCH
ZAWODOWYCH, NADCIŚNIENIA TĘTNICZEGO
SYLLABUS DEVELOPED BY
ADRIAN DOROSZKO
adiunkt dydaktyczny

dr hab. n. med. Adrian Doroszko.

Signature of Head of teaching unit

.....

Signature of Faculty Dean

Medical University
FACULTY OF MEDICINE
VICE-DEAN OF STUDIES IN ENGLISH

Prof. Andrzej Hendrich, PhD

Uniwersytet Medyczny we Wrocławiu
KATEDRA I KLINIKA CHOROBY WEWNETRZNYCH
ZAWODOWYCH, NADCIŚNIENIA TĘTNICZEGO
I ONKOLOGII KLINICZNEJ
Kierownik
Prof. dr hab. Grzegorz Mazur