



Standard Course Syllabus on the academic year 2016/2017															
Description of the subject															
Name of subject:		Emergency service in Internal Medicine – differential diagnosis and clinical cases with respect to the guidelines						The group of detailed educational results							
								Group code: E		Group name: pre-clinical and non-surgical sciences					
Faculty:		Medicine													
Major:		Medicine													
Speciality		Not applicable													
Level of studies		Uniform MA Studies X													
Form of studies		full-time X part-time X													
Year of studies:								Year of studies:		5-6					
Type of class:		obligatory <input checked="" type="checkbox"/> elective <input type="checkbox"/>													
Language of instruction:		English X													
Faculty:		Medicine													
Unit	Lectures (L)	Seminars (SE)	Auditorial Classes	Major Classes – not clinical (MC)	Clinical Classes (CC)	Laboratory Classes (LC)	Foreign Language Course Minimum (FLC)	Optional Classes (OC) – minimum 24 students	Lectures (L)	Seminars (SE)	Auditorial Classes	Major Classes – not clinical (MC)	Clinical Classes (CC)		
Winter semester															
		30													
Summer semester															
		30													
Total per year: 30															
Educational aims: (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															
The education result matrix for the course in relation to the methods of intended education result verification and to the type of class.															
No. of the subject education result	No. of the education result	Student who has obtained a credit from the subject knows/ can/ is able to						Methods of the achievement verification			Type of class ** Enter the symbol				
W 01	1. E.W1.Students know genetic, environmental and epidemiologic foundation of the most common diseases 2. EW.7 Students know and understand causes,	E.W1 understand relation between abnormalities in morphology and organ damage and relation between clinical symptoms and diagnostics and therapeutic strategies						Oral exam/ discussion			SE				



	<p>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</p> <p>3. systemic inflammatory response syndrome, sepsis, metabolic and neoplastic diseases. Students knows causes, symptoms, diagnosis and treatment of hypertension according to EBM;</p> <p>4. E.W. 7.i. Describe and understand the causes of fluid or electrolyte imbalance, acid-base disturbances, dehydration, acidosis, alkalosis.</p> <p>5. E.W.27. Describe and understand the causes, symptoms, diagnosis and management in most common problems of palliativ medicine:</p> <p>6. describe the syptomatic treatment of most common disorders</p> <p>7. describe the treatment in cancer cacheksia and the prevention and treatment of bedsores</p> <p>8. describe the treatment in most common medical emergency in palliativ medicine</p> <p>9. E.W.28. Describe the treatment of terminally ill patients</p>	<p>E.W.2 Describe methods of physical examination, the significance of additional tests in the diagnosis, monitoring, prognosis and prevention of systematic disorders, (including their influence on oral cavity tissue).</p> <p>E.W.3. Describe the ethiopathogenesis and symptomatology of respiratory, cardiovascular, haematopoetic, urinary, reproductive, immune, alimentary, skeletal and endocrine system disorders.</p> <p>E.W.17. Describe the causes and mechanisms of cardio-respiratory arrest, methods of cardiopulmonary resuscitation and the treatment after CPR</p> <p>E.W. 18. Recognize patients with life-threatening conditions</p> <p>E.W. 19. Describe methods, goals and the way of planning of medical rehabilitation</p> <p>E.W.20. Recognize the need for hospital admission</p>		
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U 01	<p>E.U1. Student performs with the patient's medical history for adults;☑</p> <p>E.U3. Student performs complete physical examination and patient-oriented adult;☑</p> <p>E.U7. estimates general condition, consciousness and awareness of the patient;☑</p> <p>E.U12. performs differential diagnosis of the most common diseases in adults and children;☑</p> <p>E.U13. assesses and describes the state of somatic and mental patient;☑</p> <p>E.U14. recognizes state the immediate danger of life;</p> <p>E.U15. recognizes the state after consuming alcohol, drugs and other drugs;</p>	<p>E.U1. performs differential diagnosis of the most common diseases of adults;☑</p> <p>E.U2. assesses and describes the state of somatic and mental patient;☑</p> <p>E.U3. plans the diagnostic and therapeutic proceedings in the case of the most common diseases of adults;</p> <p>E.U4. interprets the results of laboratory tests;☑</p> <p>E.U5. identifies the correct and pathological structures and organs in additional imaging studies (X-ray, ultrasound, CT - computed tomography);</p> <p>☑E.U6. plans the proceedings in the case of exposure to blood-borne infection;</p> <p>E.U8. recognizes the risks to their life;☑</p>	<p>Oral exam /discussion</p>	<p>SE</p>
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** L - Lecture; SE - seminar; AC – Auditorial classes ; MC – Major classes (not clinical); CC – Clinical classes; LC – Laboratory Classes; CSC – Classes in Simulated Conditions; FLC – Foreign Language Course; OC – Optional Classes

Please use a cross to mark a scale 1-3, how the mentioned education results place Your class in the following sections: the transfer of knowledge, transfer of skills: (ex. knowledge +++; skills ++)

Knowledge (K): +++

Skills (S):+

Student's workload input (ECTS points)

The form of student's workload

1. Lessons on-site (hrs.): 30

2. Student's own work (hrs.):15

Summary of the student's workload:45

ECTS points per subject:1,5

Notes:

Subject of class: (please provide the topic of individual classes including type of class; remember the topic of class has to translate into intended education results).

In the case of coordinated subjects, please provide the topic of performed classes separately for each unit performing them:

Lecture N/A

Seminar

1.Patient with chest pain, dyspnoe. 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 hemostatic 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

Classes N/A

Primary sources:

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

Secondary sources:

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 for completing the course: specify the terms and conditions for completing the classes included in the subject's scope, specify the requirements the student has to meet to be allowed to sit in the theoretical and/or practical exam, specify the form of the exam and the requirements for passing the exam, specify the criteria for particular grades

Grade: not applicable

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: kcw@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. **Katarzyna Beszlej MD**, a PhD candidate, physician in the course of specializing in internal medicine, clinical medicine, clinical sciences, seminar
4. **Marta Jurdziak 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

Person responsible for the course:

Adrian Doroszko, MD, PhD

Drawn up on (date):

06.05.2016.....

Uniwersytet Medyczny we Wrocławiu
KATEDRA I KLINIKA
CHOROŃ WEWNĘTRZNYCH,
ZAWODOWYCH I NADCIŚNIENIA TĘTNICZEGO
adiunkci dydaktyczni
The syllabus has been drawn up by
dr n. med. Adrian Doroszko
Adrian Doroszko.

Signature of the Head of the unit conducting the course

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[Signature]

The signature of the Dean of the Faculty of Medicine

.....
[Signature]

prof. dr hab. Andrzej Hendrich