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Course title: INTERNAL MEDICINE III ED SPRING

ECTS credit allocation (and other scores): 4 points

Semester: spring

Level of study: ISCED-7 - second-cycle programmes (EQF-7)

Branch of science: Medical and health sciences

Language: English

Number of hours per semester: 60h

Course coordinator/ Department and e-mail: : Piotr Cygański MD, PhD, Department of Cardiology and Internal Medicine , [piotr.cyganski@uwm.edu.pl](mailto:piotr.cyganski@uwm.edu.pl)

Type of classes: classes and lectures

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#### Substantive content

CLASSES: Headaches, vertigo, impaired balance, sense organs disorders- when and whom to ask for advice? Consciousness disturbances. Dyspnea and cyanosis. Chest pain. What to do after history taking and physical examination? Abnormal ECG. Colic, 'acute abdomen', abdominal pain – who and when should be asked for consultation. How to proceed with patient with fever. Anaemias; haemostatic, thrombotic and myeloproliferative disorders – the basics Joint pains, arthralgias. Disorders of musculoskeletal system. Water balance disturbances. Patient with sensual and consciousness disorders Patient with valvular heart disease; acute coronary syndrome, chronic and acute heart failure. Patient with chest pain, dyspnoea, hemoptysis. Patient with asthma, COPD, pneumonia. Patient with abdominal tumor and peritonitis signs. Differential diagnosis of fever. Generalized and localized edema. Oliguria and anuria. Patient with hepatosplenomegaly and lymphadenopathy. Patient with inflammatory and degenerative pathologies of musculoskeletal system. Overview of history taking, physical assessment and differential diagnosis in internal medicine.

LECTURES: Symptoms and signs in cardiovascular medicine. Clinical symptomatology of the hematological diseases. Clinical signs and symptoms in respiratory system diseases. Part 1. Clinical signs and symptoms in respiratory system diseases. Part 2. Ascites. Symptoms and signs in renal disorders. Clinical signs and symptoms in endocrine and metabolism system diseases. Neurological disturbances in internal medicine.

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Learning purpose: Etiology, pathophysiology, epidemiology, diagnosis and treatment of cardiac diseases (valvular heart disease, cardiomyopathies, heart failure),

On completion of the study programme the graduate will gain:

Knowledge: W1 - Knows environmental and economical circumstances of cardiac diseases, nephrology, endocrinology, gastroenterology, rheumatology, pulmonology, hematology.

Skills: U1 - Takes medical history in an adult patient

U2 - Performs full clinical examination

U3 - Assesses general status and consciousness level

U4 - Assesses and describes somatic and psychological status of the patient

U5 - Diagnoses life-threatening conditions

Social Competencies: K1 - Is oriented towards the patient's benefit and recognizes it as a top value.

K2 - Observes patient privacy and patient rights.

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Basic literature: 1) Siegenthaler W., , 1. Differential Diagnosis in Internal , wyd. Thieme, 2011 ; 2) Kumar & Clarks Saunders ,Clinical medicine, wyd. Elsevier, 2009 ; 3) . Boone N.A., Colledge N.R – Editors, Churchill Livingstone ,

Davidson's Principles & Practice of Medicine, wyd. Elsevier, 2010 ; 4) Lee Goldman, MD and Andrew I. Schafer, MD , - Goldman's Cecil Medicine, wyd. Saunders, 2012 ; 5) Piotr Zaborowski, Beata Moczulska, Monika Kubiak, Krzysztof Tytman, Leszek Gromadziński, Beata Januszko-Giergielewicz, Podstawy badania klinicznego. Basic in clinical examination, wyd. Medi Page, 2016

Supplementary literature: -

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The allocated number of ECTS points consists of: 4 points

Contact hours with an academic teacher: 2h

Student's independent work: 4h