



Course title: Internal Medicine III ED

ECTS credit allocation (and other scores): 4 points

Semester: autumn

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

Type of classes: classes and lectures

Substantive kontent

CLASSES: How to communicate with patient and his family during consultation. Confidentiality, informed consent and patient's autonomy. Physical examination: inspection, percussion, auscultation and palpation. General health status assessment. HT and PE of head and neck. HT and PE in pathology of skin, lymph nodes, nails, mucosa. HT and PE in cardiovascular disorders. The heart. Peripheral vascular and venous system. HT and PE in respiratory system. HT and PE in gastrointestinal system (part I). HT and PE in gastrointestinal system (part II) and in renal system. HT and PE in musculoskeletal system. Basics of neurological examination
HT and PE in endocrine system. HT and PE in hematological disorders. Medical records. Medical documentation. Communication with the patient. Verbal communication and body language. How to start? Principles of history taking (HT). HT in patients with consciousness disorders. HT from family or relatives. Asking the right questions and asking the questions right. Writing notes (how, what and when?) HT from young, adult and elderly patients. "Difficult patient" (deaf, angry or aggressive patient; different language or culture). Physical examination (PE). Approaching to PE (conduct, setting). General examination [first impressions, conscious level, nutritional status (weight, height), temperature, colour, hydration, body balance, gait. Patient's interview – practice (student as a physician). HT and PE in skin, hair, nails and lymph nodes disorders. HT and PE in head and neck disorders. HT and PE in cardiovascular disorders. The heart. Peripheral vascular and venous system. HT and PE in respiratory system. HT and PE in gastrointestinal system (part I). HT and PE in gastrointestinal system (part II) and in renal system. HT and PE in musculoskeletal system. Basics of neurological examination. HT and PE in endocrine system. HT and PE in hematological disorders. Clinical examination.

LECTURES: Consciousness disorders; Edema. Jaundice and other skin color disorders; History taking and physical assessment in ascites. Differential diagnosis of ascites. Enlargement of lymph nodes, liver and spleen (lymphadenopathies, hepatomegaly, splenomegaly); Arterial hypertension and Hypotension. Signs and symptoms of life threatening conditions; Fever. Dyspnoea. Cough and hemoptysis. Signs, symptoms, laboratory findings and clinical diagnosis: theory and practice; Methods of clinical examination. Pain as a disease alarm; Thirst. Weight changes (underweight, overweight).

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, reumatology, 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.

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: -

The allocated number of ECTS points consists of: 4 points

Contact hours with an academic teacher: 2h

Student's independent work: 4h