UNIVERSITY OF WARMIA AND MAZURY IN OLSZTYN

Faculty of Medicine

Course title: PROBLEM BASED LEARNING (PBL)

ECTS credit allocation (and other scores): 0,5

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: 15h

Course coordinator/ Department and e-mail: Maciej Żechowicz MD,PhD , maciej.zechowicz@uwm.edu.pl
Department of Cardiology and Internal Medicine

Type of classes: classes

Substantive content

CLASSES: Case Studies: Case 1. Part 1 Cradiovascular diseases, Cz.2 pathophysiology, clinical manifestations, laboratory diagnostics and imaging.Case 2. Pulmonary diseases Part 1, Part 2 symptoms, pathophysiology, diagnostic laboratory and imaging. Differential diagnosis and treatment. Case 3. Part 1. Endocryne diseases. Part 2. pathophysiology, clinical manifestations, laboratory diagnostics. Case 4. Rheumatic disorders Part 1, Part. 2 - pathophysiology, clinical manifestations, laboratory diagnostics and imaging. Differential diagnosis and management. Case 5.cz.1 Acute states in cardiology; part 2 symptoms, pathophysiology, diagnostic laboratory and imaging. Differential diagnosis and management. Differential diagnosis and treatment. Case 6.cz.1 Infectious diseases of the gastrointestinal tract. Part 2 pathophysiology, clinical manifestations, laboratory diagnostics and imaging. Analysis of the current literature. Analysis of cases of basic internal medicine diseases.

LECTURES: Not applicable

Learning purpose: Student knows theoretical and practical background of internal diseases together with laboratory tests and medical diagnostic procedures. Knows and understands the way of searching the resolution of clinical cases On completion of the study programme the graduate will gain:

Knowledge: Student nows environmental and economical circumstances of coronary artery disease, myocardial infarction and lifethreatening conditions in cardiology; renal disease, diabetes and GI tract disorders. Knows and understands etiolgy, signs, symproms, principles of diagnosis and therapy in of coronary artery disease, myocardial infarction and life-threatening conditions in cardiology; renal disease, diabetes and GI tractdisorders. Knows theoretical and practical background of laboratory diagnosis in coronary artery disease, myocardial infarction and life-threatening conditions in cardiology; ; renal disease, diabetes and GI tract disorders. Knows and understands advances and limits of lab tests in coronary artery disease, myocardial infarction and life-threatening conditions in cardiology, renal disease, diabetes and GI tract disorders.

Skills: Student takes history in an adult patient. Serves as assisstant in medical procedur es. Plans specialistic consultations. Describes physical and psychiatric condition of a patient. Diagnoses life-threatening situations in coronary artery disease and myocardial infarction, kdiney diseases, diabetes mellitus and GI tract. Plans diagnostic, therapeutic and prophylactic activities in coronary artery disease, myocardial infarction and lifethreatening conditions in cardiology, renal disease, diabetes and GI tract disorders. Interprets lab test results and their abnormal values

Social Competencies: Student implements the rules of partnership and cooperation with other medical Professional. Observes patient privacy and patient rights.

Basic literature: Malcolm S. Thaler, Only EKG Book You'll Ever Need , wyd. Wolters Kluwer, 2011 ; 2) Murray Longmore, Ian Wilkinson, Andrew Baldwin, and Elizabeth Wallin, Oxford Handbook of Clinical Medicine, wyd. Oxford , 2014 ; 3)Dennis Kasper, Anthony Fauci, Stephen Hauser, Harrison's Priniciples of Internal Medicine 19/e - 2 Volumes ,,wyd. McGraw-Hill Medical, 2015 ; 4) Kumar, Clark,, Kumar and Clark's Clinical Medicine 9/e, wyd. Elsevier, 2016 ; 5) Vinay Kumar,Abbas,Aster, Robbins and Cotran, Pathologic Basis of Disease 9/e, wyd. Saunders, 2014
Supplementary literature: -

The allocated number of ECTS points consists of: 0,5

Contact hours with an academic teacher: 2h

Student's independent work: 2h