

**48SJ-PBL48****ECTS: 0,5****YEAR: 2022L****COURSE CONTENT
CLASSES**

Analysis 8 cases from diseases of the heart, lungs gastrointestinal tract, endocrinological tract, urinary tract, and blood

LECTURES

practical classes

EDUCATIONAL OBJECTIVE:

Knows theoretical and practical background of internal diseases due to with laboratory tests. Knows and understand newest literature..

**DESCRIPTION OF LEARNING OUTCOMES FOR THE COURSE IN RELATION TO FIELD AND MAJOR
LEARNING OUTCOMES**

Codes of learning outcomes in a major field of study: M/NM+++, M/NMA_P7S_KR+,

Codes of learning outcomes in a major area of study: B.U10.+ , B.W2.+ , B.W21.+ , B.W24.+ , C.U20.+ , D.U16.+ , D.U17.+ , D.W18.+ , E.U12.+ , E.U24.+ , E.W1.+ , E.W3.+ , K.2.+ , K.5+ , KA7_KR2+ ,

LEARNING OUTCOMES:**Knowledge**

- W1 - knows the genetic, environmental and epidemiological conditions of the most common diseases
- W2 - describes the acid-base balance and the mechanism of action of buffers and their importance in systemic homeostasis
- W3 - knows the activities and mechanisms of regulation of all organs and systems of the human body
- W4 - knows the basic quantitative parameters describing the efficiency of individual systems and organs, including: scope, norms, and demographic factors affecting the value of these parameters
- W5 - knows and understands the causes, symptoms, principles of diagnosis and therapeutic procedure in relation to the most common diseases
- W6 - Knows rules work in group

Skills

- U1 - describes changes in the functioning of the body in a situation of disruption of homeostasis, in particular determines its integrated response to physical exertion, exposure to high and low temperature, loss of blood or water, sudden uprightiness, transition from sleep to wakefulness
- U2 - interprets laboratory tests and identifies the reasons for their deviations
- U3 - uses databases, including online ones, and finds the information it needs using the available tools
- U4 - shows responsibility for raising their qualifications and transferring knowledge to others
- U6 - critically analyzes medical literature, including in English, and draws conclusions based on available literature
- U7 - performs differential diagnosis of the most common diseases in adults

Social competence

- K1 - has awareness of its own limitations and the ability to continually improve itself
- K2 - is guided by the good of the patient, putting them first
- K3 - is able to inspire, be a leader and cooperate in an interdisciplinary team

BASIC LITERATURE

- 1) 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 Principles 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**Course/module:**

Problem Based Learning (PBL) 4

Fields of education:

Course status: mandatory
Course group: B - przedmioty kierunkowe

ECTS code: 12048-3-B

Field of study: Medicine

Specialty area: Medicine

Educational profile: General academic

Form of study: full-time

Level of study: uniform master's studies

Year/semester: 3 / 6

Type of course:

Classes

Number of hours per semester/week: Classes: 20

Teaching forms and methods

Classes(K1, K2, K3, U1, U2, U3, U4, U6, U7, W1, W2, W3, W4, W5, W6) : Classes
Practical classes - active discussion (brain storm)

Form and terms of the verification results:

CLASSES: Part in the discussion - Evaluation of the work and cooperation in group 1 - presence on classes, active participation in discussions , knowledge basic issues and reliability and professionalism in the management and communication of patients and their families (K1, K2, K3, U1, U2, U3, U4, U6, U7, W1, W2, W3, W4, W5, W6)

Number of ECTS points: 0,5

Language of instruction: English

Introductory courses:

anatomy,physiology, pathophysiology, introduction to internal medicine, biochemistry

Preliminary requirements:

basic knowledge from anatomy,physiology, pathophysiology, introduction to internal medicine, biochemistry

Name of the organizational unit offering the course:

Katedra Kardiologii i Chorób Wewnętrznych,

Person in charge of the course:

dr n. med. Beata Moczulska,

Course coordinators:**Notes:**

Detailed description of the awarded ECTS points - part B

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PROBLEM BASED LEARNING (PBL) 4
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The awarded number of ECTS points is composed of:

1. Contact hours with the academic teacher:

- participation in: classes	20 h.
- consultation	2 h.
	22 h.

2. Student's independent work:

-	-14,5 h.
-	5 h.
	-9,5 h.

1 ECTS point = 25-30 h of the average student's work, number of ECTS points = 12,5 h : 25 h/ECTS = 0,50 ECTS

on average: **0,5 ECTS**

- including the number of ECTS points for contact hours with direct participation of the academic teacher:	0,88 ECTS points,
- including the number of ECTS points for hours completed in the form of the student's independent work:	-0,38 ECTS points,