

SYLLABUS
concerning the cycle of education 2022-2028
(date range)

1.1. BASIC INFORMATION CONCERNING THIS SUBJECT / MODULE

Subject / Module	Propaedeutics of internal diseases
Course code / module *	PChW/E
Faculty of (name of the leading direction)	Medical College of Rzeszów University
Department Name	Medical College of Rzeszów University
Field of study	medical direction
Level of education	uniform master's studies
Profile	practical
Form of study	stationary / extramural
Year and semester	year III, semester VI
Type of course	obligatory
Coordinator	dr hab. n. med. Rafał Filip dr Agnieszka Gala- Błądzińska
First and Last Name of the Teacher	Prof. R. Filip, Prof. M. Machaczka, Prof. A. Przybylski, Dr R. Sztembis, Dr M. Nowak, Dr A. Gala- Błądzińska, Dr R. Orłowska-Florek, Dr S.Tokarski, Dr J. Przemykalska-Wołos, Dr P. Dąbrowski, Dr B. Kolarz

* - According to the resolutions of the Faculty of Medicine

1.2. Forms of classes, number of hours and ECTS

Lecture	Exercise	Conversation	Laboratory	Seminar	ZP	Practical	Self-learning	Number of points ECTS
30	15	-	-	15	-	-	-	2

1.3. The form of class activities

☒ classes are in the traditional form

☐ classes are implemented using methods and techniques of distance learning

1.4. Examination Forms / module (exam, **credit with grade** or credit without grade)

2. REQUIREMENTS

Knowledge in the field of anatomy, physiology and pathophysiology

3. OBJECTIVES, OUTCOMES, AND PROGRAM CONTENT USED IN TEACHING METHODS

3.1. Objectives of this course/module

C1	Mastering the theoretical basis and practical skills in the diagnosis of internal diseases and secondary symptoms that are manifested in systemic diseases. Educating the ability to conduct medical interview with an adult patient, comprehensive internal medicine examination, and basic emergency response.
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3.2 OUTCOMES FOR THE COURSE / MODULE (TO BE COMPLETED BY THE COORDINATOR)

EK (the effect of education)	The content of the learning effect defined for the subject (module)	Reference to directional effects (KEK)
EK_01	knows the genetic, environmental and epidemiological conditions of the most common diseases	E.W1
EK_02	performs a medical interview with an adult patient	E.U1
EK_03	performs a full and targeted physical examination of an adult patient	E.U3
EK_04	evaluates the general condition, state of consciousness and awareness of the patient	E.U7
EK_05	evaluates and describes the patient's somatic and mental state	E.U13
EK_06	he is guided by the good of the patient, placing them in the first place	K.02

3.3 CONTENT CURRICULUM (filled by the coordinator)

A. Lectures

Course contents
Heart failure: epidemiology, pathophysiology, division, symptoms and treatment.
Enlargement of the lymph nodes, liver and spleen. Symptoms of hematopoietic system diseases.
Symptoms in diseases of the digestive system.
Symptoms in diseases of the urinary system.
Symptoms in diseases of the endocrine system.
Neurological disorders in internal diseases
Principles of evidence-based medicine.

B. Exercises

Course contents
Hypertension. Division and etiology, complications, diagnostics of a patient with hypertension.
Heart failure. Epidemiology, pathophysiology and clinical division as well as symptoms of heart failure, clinical diagnosis of heart failure.
Inflammatory diseases of the heart. Causes, clinical picture. Differentiation of chest pain. Liquid in the pericardium, diagnosis and treatment. Symptoms of cardiac tamponade. Myocarditis. Pericarditis. Cardiac ultrasound diagnostic presentation.
Defects acquired heart. Distribution of acquired heart defects - etiology and pathophysiology of heart defects, symptomatology of valve defects. Diagnostics. Ultrasound in the diagnosis and assessment of heart defects - a demonstration in the USG laboratory.
Congenital heart defects. Division of congenital heart defects - cyanobacteria, periodically cyanotic and non-sinic. Signs and symptoms.
Diseases of the liver and pancreas. Jaundice - division. Diagnosis of liver and pancreas diseases. Diabetes.
Epidemiology of peptic ulcer disease. Clinical picture, peptic ulcer diagnostics (endoscopy, cytology, antigen research). Epidemiology of stomach tumors. Clinical picture and diagnostics of stomach tumors.
Diseases of the kidneys and urinary system. Medical history - kidney disease. Differentiation of lumbar pain, urination disorders. Inflammatory diseases of the kidneys. Kidney stones. Symptoms of kidney failure.
Hyperthyroidism and hypothyroidism. The role of thyroid diseases in symptomatology of internal diseases. Hyperthyroidism, types, the concept of hyperkinetic syndrome. Hypothyroidism, symptomatology, causes, diagnosis of thyroid diseases.
Diseases of the pituitary gland, adrenal glands, parathyroid glands. Disorders of water, electrolyte and acid-base management.

3.4 TEACHING METHODS

Lecture: lecture with multimedia presentation

Exercises: multimedia presentation, discussion, presentation of specialist endoscopic, ultrasound and radiological examinations, description of clinical cases

Student's own work: work with a book

4 METHODS AND EVALUATION CRITERIA

4.1 Methods of verification of learning outcomes

Symbol of effect	Methods of assessment of learning outcomes (Eg.: tests, oral exams, written exams, project reports, observations during classes)	Form of classes
EK_01	Written test	Lecture
EK_02- EK_06	Practical pass	Exercises

4.2 Conditions for completing the course (evaluation criteria)

Lecture (EK_01):

Written test

Knowledge assessment:

5.0 - has knowledge of each of the contents of education at the level of 90% -100%

4.5 - has knowledge of each of the content of education at the level of 84% -89%

4.0 - has knowledge of each of the content of education at the level of 77% -83%

3.5 - has knowledge of each of the content of education at the level of 70% -76%

3.0 - has knowledge of each of the content of education at the level of 60% -69%

2.0 - has knowledge of each of the contents of education below 60%

Exercises:

Practical pass

Skill assessment (EK_02-EK_05):

5.0 - the student actively participates in the classes, is well prepared, has acquired theoretical and practical knowledge in the field of internal diseases at a very good level, has mastered the skills of diagnostic and therapeutic procedures in patients treated outpatients and in internal conditions

4.5 - the student actively participates in the classes, has acquired theoretical and practical knowledge in the field of internal diseases at a good level, has mastered the skills of diagnostic and therapeutic procedures in patients treated outpatients and in the conditions of the internal ward

4.0 - the student actively participates in the classes, is improved, has acquired theoretical and practical knowledge in the field of internal diseases at a good level, is able to plan the diagnostic and therapeutic activities well in patients treated outpatients and in the conditions of the internal ward

3.5 - the student participates in the classes, his scope of preparation does not allow for a comprehensive presentation of the discussed problem, he has acquired theoretical and practical knowledge in the field of internal diseases to a sufficient extent, not always able to properly plan diagnostic and therapeutic activities in outpatients and in internal conditions

3.0 - the student participates in classes, has acquired theoretical and practical knowledge in the field of internal diseases to a sufficient extent, is often corrected

2.0 - the student passively participates in the classes, the statements are incorrect in substance, the theoretical and practical knowledge in the field of internal diseases is insufficient, can not

plan diagnostic and therapeutic activities in patients treated outpatients and in internal conditions, often makes mistakes

5. Total student workload required to achieve the desired result in hours and ECTS credits

Activity	Hours / student work
Hours of classes according to plan with the teacher	60
Preparation for classes	5
Participation in the consultations	-
The time to write a paper / essay	-
Preparation for tests	5
Participation in colloquia	1
Other (e-learning)	-
SUM OF HOURS	71
TOTAL NUMBER OF ECTS	2

6. TRAINING PRACTICES IN THE SUBJECT / MODUL

Number of hours	-
Rules and forms of apprenticeship	-

6. LITERATURE

READING:

- 1.Pod redakcją prof. Andrzeja Szczeklika: „Choroby Wewnętrzne”. Medycyna Praktyczna 2005-6
- 2.Pod redakcją prof. J.B. Latkowskiego i W. Lukasa: „Medycyna Rodzinna” PZWL 2006.
- 3.Badanie kliniczne Macleod, oprac. G. Douglas, F. Nicol, C. Robertson, wyd. I polskie, Elsevier 2010.

Additional literature:

- 1.Diagnostyka różnicowa objawów chorobowych, Franciszek Kokot, Wydawnictwo Lekarskie PZWL Warszawa 2007, wyd.3
- 2.Rozpoznanie różnicowe w medycynie wewnętrznej, Walter Siegenthaler, Medipage, Warszawa 2009, wyd.1

Acceptance Unit Manager or authorized person