

**PRIVATE HIGHER EDUCATIONAL INSTITUTION
"INTERNATIONAL ACADEMY OF ECOLOGY AND MEDICINE"
Department of Social Medicine and Preventive Medicine**

**SYLLABUS
EDUCATIONAL DISCIPLINE**

"Propedeutics of internal medicine"

LEVEL OF HIGHER EDUCATION Second (master's) level

DEGREE OF HIGHER EDUCATION Master

FIELD OF KNOWLEDGE 22 Healthcare

SPECIALTY 221 Dentistry

Considered and approved
at a meeting of the Department of Internal
Medicine with a course in endocrinology Doctor of
Medical Sciences, Postrelko Valentin
Protocol № 1 from "09" IX 2020

Kyiv 2020

1. general information

Subjects	Propedeutics of internal medicine
Teacher (s)	Doctor of Medicine Science Shvaiko Liudmila
Teacher's contact phone number	
Teacher's e-mail	maemendocrinology@gmail.com
Discipline format	Normative discipline
The scope of discipline	90
Link to the distance learning site	
Consultations	Not on the program

2. Discipline abstract

The program of discipline: "Propedeutics of internal medicine" provides an embodiment of the principle of cross-teaching and will contribute to improving the quality of students' preparation. Discipline is studied for 2 years of study. One of the important tasks of the course of propedeutics of internal diseases is the transformation of purely theoretical knowledge of the basic disciplines in the practice of diagnostic search. Doctor Dentist First of all should be able to determine the symptoms and syndromes of the most common internal diseases and their complications that lead to urgent states. The main tasks of the course of internal diseases are to teach students to perceive the human body as a whole, to highlight the relationship of the pathology of the oral cavity and internal organs, to develop a quick survey skills and providing emergency assistance to patients with a pre-hospital stage and emergencies. In some diseases of the internal organs, the first symptoms are very often found on the mucous membrane of the oral cavity, which prompts the patient to contact a dentist doctor. After all, the mouth is closely linked to various organs and systems. In addition, in the practice of a dentist doctor, the emergence of certain urgent states caused by the pathology of internal organs, and the tactics, which will choose a dentist, may become a decisive factor in life and health of the patient.

3. The purpose and objectives of the discipline

The purpose of studying the discipline "Propedeutics of internal medicine":

The purpose of studying discipline is to introduce into the main course of internal diseases, students' teaching methods of examination, study of symptoms and syndromes that are manifested by various examination methods (semiotics), construction of 4 diagnostic conclusions based on observation data (diagnosis technique), studying individual issues of internal Diseases and basic principles of treatment of internal diseases within the limits of preparation of dentistry doctors, taking into account the features of the specialty 221 "Dentistry".

The objectives of studying the discipline " Propedeutics of internal medicine":

- She main tasks of study of discipline are:
- conducting a survey and physical examination of patients and analyzing their results in the clinic of internal diseases;
 - Analysis of the results of the main laboratory and instrumental research methods; ➤ identification of leading symptoms and syndromes in the clinic of internal diseases; ➤ Construction of a brief diagnostic conclusion of the essence of the disease and the condition of the patient and determine the basic principles of treatment.

4. Learning outcomes (competencies)

As a result of studying the discipline "Propedeutics of internal medicine"

KNOW:

- as a survey and physical examination of patients and analyze their results in the clinic of internal diseases;
- how to analyze the results of the main laboratory and instrumental research methods;
- How to determine leading symptoms and syndromes in the clinic of internal diseases.

BE ABLE TO:

- to determine the leading syndromes and symptoms in the clinic of internal diseases;
- to identify and identify the manifestations of somatic diseases in the oral cavity;
- conduct examination of patients with functional methods;
- to analyze the results of the main laboratory and instrumental methods of studying patients with somatic diseases that require a special tactics of dental patient;
- to analyze structural and functional interrelations and sequence of stages of general pathological processes;
- to formulate a syndrome diagnosis according to a classification;
- to perform medical manipulations needed to provide emergency medical care;
- to determine the preliminary clinical diagnosis of somatic diseases that require a special tactics of patient management; to diagnose and provide assistance with basic urgent conditions in the clinic of internal diseases

5. Organization of the study of the discipline

The volume of the course

<i>Type of lesson</i>	<i>Total number of hours</i>	<i>90</i>
Lectures		16
Seminars		24
Independent work		50

Signs of the course

Semester	Specialty	Course (year of study)	Normative / selective
3-4	221 Dentistry	2	Normative

Course topics

Theme, plan	Form of employment	literature	Tasks, hours	Estimation weight	Deadline

Topic 1. Activa lecture. Scheme of educational history of the disease. Survey of patients with diseases of the cardiovascular system. Basic concepts of ECG, instrumental and laboratory methods of examination in cardiology. Basic clinical syndromes in cardiology.	Lecture	Basic, auxiliary - in accordance with paragraph 8	2 hours	2.2	According to the schedule
Topic 2. Basic clinical syndromes in cardiology. Arterial hypertension syndrome, hypotension. The concept of hypertensive disease, symptomatic arterial hypertension, hypertensive crises. Principles of diagnostics and prevention. Changes in the oral cavity with hypertension. Sudden coronary death. Cardio-pulmonary resuscitation.	Lecture	Basic, auxiliary - in accordance with paragraph 8	2 hours	2.2	According to the schedule
Topic 3. Examination of patients with diseases of the respiratory organs and gastrointestinal tract. Basic clinical syndromes in pulmonology and gastroenterology. Changes in the oral cavity	Lecture	Basic, auxiliary - in accordance with paragraph 8	2 hours	2.2	According to the schedule
Topic 4. Survey of patients with allergies. Basic clinical syndromes in allergology and immunology. The notion of an immunogram. Changes in the oral cavity.	Lecture	Basic, auxiliary - in accordance with paragraph 8	2 hours	2.2	According to the schedule
Topic 5. Basic clinical syndromes in pulmonology. Broncho-obstructive syndrome. The concept of bronchial asthma and chronic obstructive diseases of the lungs. Principles of diagnostics and prevention	Lecture	Basic, auxiliary - in accordance with paragraph 8	2 hours	2.2	According to the schedule
Topic 6. Examination of patients with diseases of bodies. Clinical blood test. The concept of a coagulogram. Basic clinical syndromes in hematology. Changes in the oral cavity.	Lecture	Basic, auxiliary - in accordance with paragraph 8	2 hours	2.2	According to the schedule
Topic 7. Survey of patients with diseases of the organs of urinary and endocrine systems. Biochemical blood test. Basic clinical syndromes in nephrology and endocrinology.	Lecture	Basic, auxiliary - in accordance with paragraph 8	4 hours	2.2	According to the schedule
Topic 8. Introduction to the internal disease clinic. The basic rules of questioning and examination of the patient. Methods of studying the patient. Scheme of the patient's examination. General review of the patient. Overview of individual parts of the body. Methods of research of the respiratory system. Supplement and general review of patients with pathology of the respiratory system. Broncho-obstructive syndrome. Determining the function of external breathing. Changes in the oral cavity in patients with broncho-obstructive syndrome.	practical	Basic, auxiliary - in accordance with paragraph 8	4 hours	4	According to the schedule
Topic 9. Methods of studying the cardiovascular system. Supplement and general review of patients with pathology of the cardiovascular system. Physical research methods. Laboratory and instrumental methods of research in cardiology and rheumatology. Main syndromes in diseases of the cardiovascular system.	practical	Basic, auxiliary - in accordance with paragraph 8	4 hours	4	According to the schedule
Topic 10. Methods of study of digestive organs. Supplement and general review of patients with pathology of the digestive system. Main syndromes in gastroenterology. Changes in the oral cavity in diseases of the gastrointestinal disease. Methods of study of urinary bodies. Laboratory and instrumental methods of studying urinary system. Main syndromes in nephrology. Changes in the oral cavity in diseases of the kidneys.	practical	Basic, auxiliary - in accordance with paragraph 8	4 hours	4	According to the schedule

Topic 11. Methods of studying bodies of hematopoiesis. Supplement and general review of patients with pathology of blood system. Clinical blood test. Analysis of coagulograms. Main syndromes in hematology. Manifestations of blood diseases from the mucous membrane of the oral cavity and tooth - a maxillary system.	practical	Basic, auxiliary - in accordance with paragraph 8	4 hours	4	According to the schedule
Topic 12. Methods of research and semiotics of manifestations of allergies. Auxiliary methods of research in allergology. Main syndromes in allergology. Methods of research and semiotics in diseases of the organs of the endocrine system. Auxiliary research methods in endocrinology. Main syndromes in endocrinology.	practical	Basic, auxiliary - in accordance with paragraph 8	4 hours	4	According to the schedule
Topic 13. Principles of the provision of first medical and donkey care. Final modular control.	practical	Basic, auxiliary - in accordance with paragraph 8	4 hours	4	According to the schedule
Independent work	independent	Basic, auxiliary - in accordance with paragraph 8	50 hours	50	According to the schedule

6. Course evaluation system

General course evaluation system

Current control is based on the control of theoretical knowledge, skills and abilities in practical classes. The student's independent work is assessed in practical classes and is part of the final assessment of the student. Current control is carried out during classes and aims to verify the assimilation of students' learning material. Forms of current control are:

- test tasks with the choice of one correct answer, with the definition of the correct sequence of actions, with the definition of compliance;
- individual oral examination, interview;
- solving typical situational problems;
- control of practical skills;
- solving typical tasks of diagnosis, medical care, medical evacuation, treatment and prevention.

Grades in the national scale ("excellent" - 5, "good" - 4, "satisfactory" - 3, "unsatisfactory" - 2), received by students, are displayed in the journals of attendance and academic group performance.

Final control of learning success is carried out in the form of diff. credit (oral and test tasks).

The maximum number of points that a student can score for current educational activities for admission to the PC is 120 points.

The minimum number of points that a student must score for the current academic activity for admission to the exam is 72 points. The calculation of the number of points is based on the grades obtained by the student on the traditional (national) scale during the study of the discipline during the semester, by calculating the arithmetic mean (CA), rounded to two decimal places.

Assessment of students' independent work. Students' independent work, which is provided by the topic of the lesson along with the classroom work, is assessed during the current control of the topic in the relevant lesson. Assimilation of topics that are submitted only for independent work is checked during the final module control.

Table 1. Conversion of the average grade for current activities in a multi-point scale (for disciplines that end with an exam (differentiated credit))

4-point scale	120-point scale	4-point scale	120-point scale	4-point scale	120-point scale	4-6point scale	120-point scale
5	120	4,45	107	3,91	94	3,37	81
4,95	119	4,41	106	3,87	93	3,33	80
4,91	118	4,37	105	3,83	92	3,29	79
4,87	117	4,33	104	3,79	91	3,25	78
4,83	116	4,29	103	3,74	90	3,2	77
4,79	115	4,25	102	3,7	89	3,16	76
4,75	114	4,2	101	3,66	88	3,12	75
4,7	113	4,16	100	3,62	87	3,08	74
4,66	112	4,12	99	3,58	86	3,04	73
4,62	111	4,08	98	3,54	85	3	72
4,58	110	4,04	97	3,49	84	Less 3	Not enough
4,54	109	3,99	96	3,45	83		
4,5	108	3,95	95	3,41	82		

The maximum number of points that a student can score during the final control of the student's acquisition of knowledge is 80 points.

Table 2. Scale of assessment of differentiated (exam) credit:

National scale	Score scale
«5»	70-80
«4»	60-69
«3»	50-59

Assessment of the final control is

considered credited if the student scored at least 60% of the maximum amount of points (for a 200-point scale - at least 50 points).

The final number of points that the student scored in the discipline is defined as the sum of points for the current educational activity (Table 1) and for the final control (differentiated credit) (Table 2).

Requirements for final test control	The final test control is credited to the student if he demonstrates the possession of practical skills and scored at least 50 points in the test control of theoretical training. The maximum number of points for the final control of the student (differential test) - 80 points.
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	<p>Criteria for assessing students for final control are carried out according to the scheme:</p> <p>"2" - 0-49 points; "3" - 50-60 points; "4" - 61-70 points "5" - 71 - 80 points</p> <p>Assessment of the final test task is carried out by dividing the maximum score of the final control - 80 - by the number of test questions in the variant and multiplied by the number of correct test answers of the student.</p>
Practical training	Module 1
Classroom work (Content module 1)	
T 1-13	Amount - 200 (The maximum number of points that a student can score for the current educational activity, the minimum is 120 points).
Control work	0
Test	20
Working in pairs	24
Abstract	44
Conditions of admission to the final control	
Semester control is provided in the form of credit. Provides a final grade on a 200-point scale as the sum of grades for the current control of knowledge (oral examination, tests, examination of abstracts), the results of the content module.	
7. The policy of studying the discipline	
The organization of the educational process is carried out with the use of the European Credit Transfer System (ECTS) to assess student performance. The points gained in the current survey, independent work and points of the final control are credited. This must take into account the student's presence in class and his activity during practical work. Inadmissible: absences and late classes; use of a mobile phone, tablet or other mobile devices during the lesson (except for the cases provided by the curriculum and methodical recommendations of the teacher); copying and plagiarism; untimely performance of the task, the presence of unsatisfactory assessments and more submitted theoretical and practical material.	
8. Recommended literature	
Basza:	<p>1. Propedeutics of internal medicine / (K.O. Bobkovich, E.I. Dzis, V. M. Zhelkov, RI Ilnitsky, I.P. Kaidashev, V.A. Kapuppy, I.F. Kostyuk, m .A. Orinchak, O.V. Pishak, MS Rasin, O.Ya. Tomashevskaya, V.M. Fedoseva, T. A. Khomazyuk, O. A. Khrenov, O.O. Yakimenko, O.B . Yaremenko). Edited by prof. MS Racin. Vinnitsa, - "New Book" .- 2014 207 p. 2. Propedeutics of internal medicine / (Yu.I. Dezik, O.G. Yavorsky, E.M. Neuko, L.A. Pie, R.Ya. Pink, G.I. Melnyk, E.M. Gritsai-Malanich , V.V. Short, Z.A. Gelner, G.O. Biletska). Edited by Professor O.G. Yavorsky. Kiev, - "Medicine" .- 2016, 551 p.</p>
Auxiliary:	<p>1. Propedeutics of internal diseases. The collective of authors. Edited by prof. MS Racin. Poltava, 2004</p> <p>2. Danilevsky MF, Nysin O.F. Rakhny J.I. Diseases of the mucous membrane of the oral cavity. -K. Health, 1998, p.218-314.</p> <p>3. Shulapenko I. M. Propedeutics of internal medicine. General semiotics and diagnostics / teaching. Manual for students of the VMNZ IV level / I. M. Schulipenko. - K: Medicine, 2008 - 303 p.</p> <p>4. Pelyshuk AP, Redeort V.G, Raderman M.I. Physical methods of research in the clinic of internal diseases: a manual. - K., Health, 1993.</p> <p>5. Syndromic diagnostics and urgent therapy. Tutorial. Ed by ed. Prof. MS Racina. - Poltava, 1995, 200 p.</p> <p>6. Banchenko G.V., Yu.M. Maksimovsky, VM Grishin. // Language - "mirror" organism.- M., 2000.- p. 218 -306</p>

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