

1. Purpose of the discipline « Internal disease 3»

In the course of mastering the discipline, the student will achieve the following learning outcomes:

Know and understand:

- etiology, pathogenesis and prevention of the rare diseases; modern classification of diseases;
- clinical features, characteristics and possible complications of the rare diseases occurring in a typical form in different age groups;
- diagnostic methods, modern methods of clinical, laboratory instrumental examination of patients (including endoscopic, X-ray methods and ultrasound diagnostics);
- criteria diagnosis of various diseases; methods of treatment;
- Pharmacological characteristics of the main groups of drugs and the rational choice of specific drugs in the treatment of major pathological syndromes of diseases and emergency conditions;

Should be able to:

1. On the basis of complaints, medical history and physical examination of the patient make a preliminary diagnosis;
2. A plan of laboratory and instrumental examination to confirm the diagnosis and interpret the results;
3. Formulate a detailed clinical diagnosis, guided the modern classification of diseases;
4. To make the details of the diagnosis in individual patients, namely, the etiology, the mechanism of the disease, complications;
5. Make study of the clinical diagnosis in individual patients with the evaluation of the survey results and to identify criteria for diagnosis;
6. Appoint an adequate individual therapy;
7. To determine the prognosis of the disease in individual patients;- Identify measures of prevention and disability expertise;
8. Recognize the clinical manifestations of emergency conditions at the above mentioned diseases of the internal organs of respiration and circulation.

Code of the results of the general education curriculum and its formulation	Code and formulation of competencies (ГОС 2015)	Learning outcome of course and its code
LO -5 - Able to implement fundamental knowledge in assessing the morphofunctional and physiological states of the body for the early diagnosis of diseases and the identification of pathological processes.	PC -2 - able to collect patient anamnesis; do physical examination, interpret results of laboratory and instrumental studies, write a medical card of adult and child patients.	LOc- 1: able and ready to analyze the data of history, physical examination, the results of laboratory-instrumental examination, and fill out a medical card of an ambulatory and stationary patient

LO-7 Able to implement basic knowledge in the diagnostic activities to solve professional cases.	PC-11 - able and ready to make a diagnosis based on the results of biochemical and clinical studies, taking according to of the pathology in organs, systems and the whole body.	LOc- 2 able to analyze the regularity of functioning of individual organs and systems, use knowledge of anatomical and physiological features, and know how to implement fundamental knowledge in assessing morphofunctional and physiological states of the body for the early diagnosis and the identification of pathological processes.
	PC-13 - able to identify the main pathological symptoms and disease syndromes in patients, using knowledge of the basics of biomedical and clinical disciplines, in assessing the course of pathology in organs, body systems in general, analyze patterns of functioning of organs and systems in various diseases and pathological processes, use an algorithm diagnosis (main, concomitant, complications), ICD-10, to carry out the main diagnostic measures to identify urgent and life-threatening	
LO₈ - Able to apply basic knowledge in the medical pra to solve professional cases	PC-15 - able to assign patients adequately treated in accordance with the diagnosis; PC-16 able to first aid the adult population and children in case of emergency and life-threatening conditions, hospitalize patients in a routine and emergency basis	LOc-3: be able to perform basic therapeutic measures in the rare diseases and conditions in the adult population and be able to implement fundamental knowledge (anatomical, topographical and histophysiological rationale) and the basics of physical examination.

3. Prerequisites

Basic knowledge necessary for studying the discipline formed in the previous cycle, the following subjects:

Normal anatomy, Pathological anatomy, Normal physiology, Pathological Physiology, Pharmacology, Internal Medicine 1,2, Surgical disease 1,2, Pediatrics 1,2

4 Post requisites

"Output" lays the foundation for the study of these students future clinical disciplines: Surgical disease, Pediatrics, obstetrics and gynecology, Family Medicine, Clinical Pharmacology And other clinical disciplines.

5. TECHNOLOGICAL CARD OF DISCIPLINE

Modules	Total hours		Lectures		Practical		IWS		Lan dma rk cont rol	Fina l cont rol	Points
	Practi ca	IWS	Hou rs	Poin ts	Hou rs	Poin ts	Hou rs	Poin ts			
I	55	40	20	30	32	30	40	30	30p		30
II	20	35	10	30	13	30	35	30	30p		30

Final control	75	75								40p	40
Total :	75h	75h	30h	30p	45p	30p	75h	60p	30h	40p	100p
	150 h										

6. Table of scoring of discipline «Internal disease 3».

Module 1(30p) total points of practical classes +points of Control Work1						Module 2 (30p) points of practical classes + points of Controlwork 2						Exam
2						2						
№ Pr	hour	points	CC1= sum of points prac+ lect+ ISW ----- 3			№ prac	hour	points	CC2= sum of points prac+lect+ISW ----- 3			40
			CC 1	Lecture	SWS				CC 2	Lecture	SWS	
T-1	1	30				T-17	1	30				
T-2	2	30	30	30	30	T-18	2	30	30	30	30	
T-3	2	30				T-19	2	30				
T-4	2	30				T-20	2	30				
T-5	2	30				T-21	2	30				
T-6	2	30				T-22	3	30				
T-7	2	30										
T-8	2	30										
T-9	2	30										
T-10	2	30										
T-11	2	30										
T-12	2	30										
T-13	2	30										
T-14	2	30										
T-15	2	30										
T-16	2	30										

1. Current control

sum of points CC of each class

Number of classes

2. Chart of collection points for summary control

- 30p for practical class,
- 30p for lecturer,
- 30p for SWS, thereafter summarize and identify arithmetic mean sum

$$\bullet \text{ Exsample: CW} = \frac{\text{Lec}(30\text{p}) + \text{prac}(30\text{p}) + \text{SWS}(30\text{p})}{3} = 30\text{p}$$

3. Module1 (30p) sum of points

Current control +points CW1