



INTERNATIONAL SCHOOL OF MEDICINE

SYLLABUS

Specialty:	560001 "General Medicine"
Tovalication:	Specialist (doctor)
Academic year:	2022-2023
Semester:	7
Duration of discipline:	18 weeks
Lecturer/Assistant Professor/Associate Professor/Professor	Name: Abdullaeva Nargiza Mukaevna
Pulpit:	Therapy
Day and time of consultation:	last tuesday of each month at 2.00 p.m.
Auditorium:	515
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Name of the discipline:	Internal diseases
Compulsory Discipline / Elective Discipline:	
Laboriousness of discipline in credits/hours:	6 - 180
Description of the discipline:	<p>The task of the Department of Therapy in the 4th year is to train a general practitioner who owns the basics of a clinical study of the patient with the subsequent differentiation of symptoms, syndromes, the formation of the entire clinical picture with the subsequent diagnosis and preliminary treatment. As well as knowing the basics of etiology, clinical picture, classification, differential diagnosis, laboratory and instrumental diagnostics, treatment of the main, most common internal diseases.</p>
Objectives of the discipline:	<p>Relevance and goals of teaching the course on the section of internal diseases</p> <p>Every specialist of his profession is faced with internal diseases, such as acute coronary syndrome, pneumonia, chronic bronchitis and this is only a small part of all diseases. Timely detection of the main symptoms, verification of the disease and adequate treatment will not only improve the quality of life of the patient, but will reduce the rate of progression of all chronic diseases. The study of the discipline of internal diseases will expand the understanding of the causes, the variety of manifestations, the subtleties of the choice of therapy for various, most frequent currently injuries. This knowledge will be useful in any branch of medicine, regardless of the specialization chosen in the future.</p>

	The purpose of training: to work out the skills of recognizing diseases, understanding their causes and mechanisms of development, differential diagnosis with similar ones.
Prerequisites:	<ol style="list-style-type: none"> 1) Cardiology - to know the etiology, pathogenesis, clinical symptoms, diagnosis and treatment of CVS diseases. Decipher the ECG. 2) Pulmonology - to know the etiology, pathogenesis, clinical symptoms, diagnosis and treatment of diseases of the respiratory system. Decipher the X-ray of the lungs, know the main syndromes. Bronchoscopy. 3) Gastroenterology - to know the etiology, pathogenesis, clinical symptoms, diagnosis and treatment of gastrointestinal diseases. Palpation and percussion of the digestive tract. 4) Hematology - to know the etiology, pathogenesis, clinical symptoms, diagnosis and treatment of hematological diseases. Decipher the general blood test, 5) Rheumatology - to know the etiology, pathogenesis, clinical symptoms, diagnosis and treatment of rheumatological diseases. 6) Nephrology - to know the etiology, pathogenesis, clinical symptoms, diagnosis and treatment of nephrological diseases.
Post-requisites:	Cardiology, gastroenterology, pulmonology, hematology, rheumatology, nephrology
Results of mastering the discipline:	<p>As a result of studying the basic part of the cycle, the student must:</p> <p>To know:</p> <ul style="list-style-type: none"> - Definition of the disease, etiology, risk factors (FR), pathogenesis, pathomorphology (remodeling of internal organs), classification, clinical picture, laboratory and instrumental diagnostics, differential diagnostics, principles of treatment, primary and secondary prevention, prognosis of the most common diseases occurring in their typical "classical form"; - Etiology, pathogenesis, clinic, diagnostic methods and emergency care in patients with emergency syndromes; - Officially approved classifications of diseases. <p>-List complications of diseases.</p> <p>-Methods of drug therapy, treatment regimens, indications and contraindications for the use of drugs (LS).</p> <p>-Methods of primary and secondary prevention of studied diseases of internal organs.</p> <p>-Prognosis of diseases, FR development of life-threatening conditions.</p> <p>Can:</p> <ul style="list-style-type: none"> - Recognize and correctly diagnose the most common diseases of the internal organs in their typical course.

	<ul style="list-style-type: none"> -Evaluate the activity of the pathological process, its form, stage and phase of the course in accordance with officially approved classifications, the presence and severity of complications. -Draw up a plan of laboratory and instrumental examination to confirm the alleged diagnosis and interpret the results obtained. -Formulate a detailed clinical diagnosis, guided by the modern classification of diseases; -To make a detailed diagnosis in a particular patient, namely, the etiology, the mechanism of development and pathomorphology of the disease, to highlight complications. -To substantiate the underlying disease of the clinical diagnosis in a particular patient with an assessment of the results of the examination and to identify the criteria for diagnosing this disease. -To substantiate the etiology of the disease in the patient. -Prescribe adequate individual therapy, having issued a "List of appointments" and "Temperature sheet" of the supervised patient. -To form a scheme of non- and drug treatment of the patient in accordance with the diagnosis and morphological changes, including determining the indications and therapeutic contraindications to surgical intervention, and its robustness. -Determine the prognosis of the disease for life in a particular patient. -Identify primary and secondary prevention measures; the latter (including) <ul style="list-style-type: none"> – in a supervised patient. -Recognize the clinical manifestations of some emergency conditions (bronchial asthma attack, hypertensive crises, heart attack, primary circulatory arrest), conduct detailing of the condition, emergency diagnostics and have the skills to provide emergency medical care. -Solve deontological problems related to diagnosis, treatment and prevention of internal diseases. <p>Possess:</p> <ul style="list-style-type: none"> - Methods of collecting complaints and anamnesis of the patient; -Methods of propaedeutics of various body systems: examination, palpation, percussion and auscultation of internal organs; -Skills of interpretation of anamnesis data, objective examination of the patient, his laboratory and instrumental data; -Skills in presenting an independent point of view, analysis and logical thinking, speaking publicly, ethical reasoning, debating, and round tables, principles of medical deontology and medical ethics; -Skills of informing the patient and their relatives; -Foreign language skills to the extent for communication and obtaining information from foreign sources.
About the new literature:	Main literature:

	<ol style="list-style-type: none"> 1. Mary Louise Turgeon Clinical Hematology Theory and Procedures. Enhanced 6-th edition. Jones & Bartlett Learning, LLC, an Ascend Learning Company. 2018. P.2354 2. Hematology 2020 by the American Society of Hematology Educ Program. ISSN 1520-4391. 2020. P. 694 3. Begemann, Herbert. Atlas of clinical hematology / H. Begemann, J. Rastette. 4th completely rev. ed. ISBN-13: 978-3-642-97157-0. Springer-Verlag Berlin Heidelberg, 1989. P 319. 4. Hoffbrand's Essential Haematology, 8th Edition. ISBN: 978-1-119-49590-1. Wiley-Blackwell – 2019. P 432. 5. Mike Leach, Barbara J. Bain. Haematology: From the Image to the Diagnosis. ISBN: 978-1-119-77752-6. – 2021. P 304.
Complete literature and references:	<p>Further reading:</p> <ol style="list-style-type: none"> 1. 1 The Merck Manual. Guide to medicine. Diagnostics and treatment [Electronic resource] / gl. red. Mark H. Birs ; per. s eng. pod red. A. G. Chuchalina. - 2-e izd. - M. : Litterra, 2011. -3744 s. - Mode of access: http://www.studentlibrary.ru/book/ISBN9785904090371.html 2. 2 David A. Warrell, Timothy M. Cox, John D. Firth. Oxford Textbook of Medicine (5 edn). Print ISBN-13: 9780199204854. Oxford University Press – 2018.

Course policy and evaluation criteria:

Type of control (current, milestone, final)	Control form	Assessment of learning outcomes
Attendance	For one missed lesson minus 2 points	20 points
Current control	Oral survey, written work	20 points
IWS+IWW	Performing assignments, work with literature	20 points
Milestone control (module submission)	Testing, control tasks	40 points
Final control (differential test)	Conversation, examination (test.edu.kg)	100 points

Scale of correspondence between grades and scores on the final control (exam)	
Score	Grade
90-100	«excellent»
76-89	«good»
60-75	«satisfactory»
0-59	«unsatisfactory»

Discipline plan	Lecture / seminar / practical / lab	Subject
1 week	Bronchiectasis. Abyss of the lung.	Diagnosis, differential diagnosis and treatment of suppurative lung diseases. Bronchiectasis. Abyss of the lung.
Week 2	Diagnosis and treatment of CHF.	Diagnosis and treatment of CHF.
Week 3	Chronic pulmonary heart: clinic, diagnosis, differential diagnosis and treatment.	Chronic pulmonary heart: clinic, diagnosis, differential diagnosis and treatment.
Week 4	Treatment of rhythm and conduction disorders.	Treatment of rhythm and conduction disorders.
Week 5	Infective endocarditis: clinic, diagnosis and treatment.	Infective endocarditis: clinic, diagnosis and treatment.
Module 1 (Date)	26.10.2022	
Week 6	Congenital heart defects in adults and rheumatic heart disease.	Congenital heart defects in adults and rheumatic heart disease.
Week 7	Differential diagnosis and treatment of symptomatic arterial hypertension and hypertensive crises.	Differential diagnosis and treatment of symptomatic arterial hypertension and hypertensive crises.
Week 8	Differential diagnosis and treatment of acute coronary syndrome. Rehabilitation of patients who have undergone acute myocardial infarction.	Differential diagnosis and treatment of acute coronary syndrome. Rehabilitation of patients who have undergone acute myocardial infarction.
Week 9	Differential diagnosis of cardiomyopathies.	Differential diagnosis of cardiomyopathies.
Week 10	Diffuse connective tissue diseases. Systemic lupus erythematosus. Systemic scleroderma. Dermatomyositis.	Diffuse connective tissue diseases. Systemic lupus erythematosus. Systemic scleroderma. Dermatomyositis.
Module 2 (Date)	22.11.2022	
Week 11	Differential diagnosis and treatment of joint syndrome. Features of diagnosis and treatment, deforming osteoarthritis and psoriatic arthritis. Clinic, diagnosis and treatment of ankylosing spondylitis.	Differential diagnosis and treatment of joint syndrome. Features of diagnosis and treatment, deforming osteoarthritis and psoriatic arthritis. Clinic, diagnosis and treatment of ankylosing spondylitis.
Week 12	Systemic vasculitis.	Systemic vasculitis.
Week 13	Acute kidney damage. Acute kidney disease. Chronic kidney disease.	Acute kidney damage. Acute kidney disease. Chronic kidney disease.
Week 14	Chronic hepatitis. Diagnosis, clinical manifestation, treatment.	Chronic hepatitis. Diagnosis, clinical manifestation, treatment.
Module 3 (Date)	20.12.2022	
Week 15	Cirrhosis of the liver: clinic, diagnosis, differential diagnosis, treatment.	Cirrhosis of the liver: clinic, diagnosis, differential diagnosis, treatment.
Week 16	Gallstone disease. Chronic	Gallstone disease. Chronic cholecystitis:

	cholecystitis: diagnosis, treatment. Dyskinesia of the biliary tract.	diagnosis, treatment. Dyskinesia of the biliary tract.
Week 17	Pancreatitis, clinic diagnosis, differential diagnosis and treatment.	Pancreatitis, clinic diagnosis, differential diagnosis and treatment.