

Federal State Autonomic Educational Institution of Higher Education
«Peoples' Friendship University of Russia»

Medical Institute

Recommended MCSD

SYLLABUS
(STUDY GUIDE)

Subject

Polyclinic Therapy

Recommended for the direction of training (specialty)

31.05.01 General Medicine

Program (profile, specialization)

General Medicine

1. Aims and objectives of discipline:

The aim of the discipline is to improve knowledge and training students for the practice in primary healthcare.

Purposes:

- to develop students' skills for work with outpatients that includes diagnostics and treatment of the most common therapeutic diseases, assessing prognosis, disability, and prophylactic medical examination;
- to provide students' knowledge and skills for healthcare organization in polyclinics;
- to provide students' knowledge and skills for the work as district internists or general practitioners;
- to improve students' knowledge and skills for emergency care at pre-hospital stage in case of urgent pathology or acute illness;
- to teach students work for prevention of therapeutic diseases, provide health life-style models in people;
- to provide students' knowledge and skills in current diagnostic polyclinic facilities and their proper use.

2. Place of discipline in the structure of educational program of higher education (EP HE):

Discipline *Polyclinic Therapy* refers to the basic part of Block 1 of the curriculum.

This discipline combines the disciplines related to internal medicine and highlights their relation to out-patient care.

Table 1 shows preceding and following discipline aimed at forming competence discipline in accordance with the matrix competences EP HE.

Table 2. Preceding and following the discipline aimed at creating competencies

№	Code and title of competence	Preceding disciplines	Following disciplines
<i>General Cultural Competences</i>			

1.	<p>UC-1. Being able to implement critical analysis of problem situations based on systems approach, develop an action strategy</p> <p>UC-2. Being able to manage a project at any stage of its life cycle</p> <p>UC-3. Being able to organize and supervise team work developing a team strategy at the same time to achieve the set goal</p> <p>UC-4. Being able to apply modern communication technologies, including in a foreign language/foreign languages to interact in academic and professional areas</p> <p>UC-5. Being able to analyse and take into account cultural diversity in the process of intercultural communication</p> <p>UC-6. Being able to identify and implement the priorities of their own activities and the ways of improving them based on self-assessment and lifelong learning</p> <p>UC-7. Being able to maintain the proper level of physical well-being to ensure a high-quality social and professional activity</p> <p>UC-8. Being able to create and maintain safe conditions in everyday life and professional activity to protect natural environment, ensure sustainable development of society, including in the event of a threat and occurrence of emergencies and military conflicts</p> <p>UC-9. Being able to use basic SLP knowledge in social and professional spheres.</p> <p>UC-10. Being able to take well-grounded economic decisions in various areas of life.</p> <p>UC-11. Being able to develop intolerant attitudes to corrupt behavior.</p> <p>UC-1. Being able to implement critical analysis of problem situations based on systems approach, develop an action strategy</p>	<p>Philosophy</p> <p>History of Medicine</p> <p>Latin language</p> <p>Psychology and</p> <p>Pedagogy Medical</p> <p>Informatics</p> <p>Biochemistry</p> <p>Biology</p> <p>Anatomy</p> <p>Histology,</p> <p>Embryology,</p> <p>Cytology</p> <p>Normal physiology</p> <p>Physical education and sports</p>	-
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<i>General Professional Competences</i>			
2.	<p>GPC-1. Being able to implement moral and legal norms, ethical and deontological principals in professional activity</p> <p>GPC-4. Being able to use medical devices provided for by the procedure for medical care, and conduct patient examinations in order to determine a diagnosis</p> <p>GPC-5. Being able to assess morpho-functional, physiological conditions and pathological processes in the human body to solve professional tasks</p> <p>GPC-10. Being able to understand the operation principles of modern IT and use them to solve professional tasks</p>	<p>Microbiology, virology</p> <p>Immunology</p> <p>Pharmacology</p> <p>Pathological anatomy</p> <p>Pathophysiology, Hygiene</p> <p>Propaedeutics of internal diseases</p> <p>Radiation diagnostics</p> <p>General surgery</p> <p>Topographic anatomy and operative surgery</p> <p>Public health and healthcare</p> <p>Epidemiology</p> <p>Medical rehabilitation</p> <p>Dermatovenerology</p> <p>Neurology</p> <p>Psychiatry, medical psychology</p> <p>Otorhinolaryngology</p> <p>Ophthalmology</p> <p>Faculty Therapy</p> <p>Faculty Surgery</p> <p>Urology</p> <p>Occupational diseases</p> <p>Hospital therapy</p> <p>Endocrinology</p> <p>Infectious diseases</p> <p>Phthisiology</p> <p>Clinical pharmacology</p> <p>Anesthesiology, Hospital surgery,</p> <p>Dentistry</p> <p>Oncology, radiation therapy</p> <p>Traumatology, orthopedics</p> <p>Obstetrics and gynecology</p> <p>Pediatrics Allergology</p>	-

3. Requirements for the results of the development of discipline:

The process of studying the discipline aimed at the formation of the following competencies:

Table 3. Formation of competencies

Category	Code and Name	Indicator Code and Name
<i>General Professional Competences</i>		

GPC-2. Healthy lifestyle	Being able to monitor the effectiveness of preventive measures, healthy lifestyle formation and sanitary and hygienic education of the population	GPC-2.1. Being able to analyse the awareness of the population of a healthy lifestyle and medical literacy. GPC-2.2. Being able to develop a plan of organizational and methodical measures aimed at increasing the awareness of the population of a healthy lifestyle, its literacy concerning disease prevention issues. GPC-2.3. Being able to prepare an oral presentation or a printed text which promote a healthy lifestyle and increase the population's literacy concerning disease prevention issues.
GPC-6. Primary health care	Being able to organize patient care, provide primary health care, arrange work and make professional decisions in emergency conditions at the prehospital stage, in emergency situations, epidemics and in foci of mass destruction	GPC-6.2. Being able to identify the conditions which require emergency medical care, including clinical signs of sudden cessation of blood circulation and respiration. GPC-6.3. Being able to provide emergency medical care to patients in conditions that pose a threat to the life of a patient, including clinical death (cessation of the vital bodily functions (blood circulation and (or) breathing).
GPC-7. Treatment of diseases and conditions	Being able to prescribe treatment and monitor its efficacy and safety	GPC-7.1. Mastering skills in the methods of general clinical examination, interpretation of laboratory results, instrumental diagnostic methods. GPC-7.2. Being aware of the algorithm for making a preliminary diagnosis with the subsequent referral of the patient to the relevant medical specialist.
<i>Professional competences</i>		
PC-1.	Being able to provide emergency or urgent medical care to a patient	PC-1.1. Being able to assess the condition of a patient who needs emergency or urgent medical care. PC-1.2. Being able to recognize conditions that arise from sudden acute diseases, exacerbation of chronic diseases without obvious signs of a threat to the patient's life and which require emergency medical care. PC-1.3. Being able to provide emergency medical care to patients with sudden acute diseases, conditions, exacerbation of chronic diseases without obvious signs of a threat to the patient's life. PC-1.4. Being able to recognize conditions which pose a threat to the patient's life, including conditions of clinical death (cessation of the vital bodily functions (blood circulation and/or respiration) which require emergency medical care. PC-1.5. Being able to provide emergency medical care to patients in conditions which pose a threat to the patient's life, including clinical death (cessation of the vital bodily functions (blood circulation and/or respiration). PC-1.6. Being able to use drugs and medical devices

		when providing medical care in emergency or urgent forms.
PC-2.	Being able to examine a patient in order to determine a diagnosis	<p>PC-2.1. Mastering the skills to collect complaints, anamnesis of the patient's life and disease, as well as conduct a complete physical examination of the patient (examination, palpation, percussion, auscultation).</p> <p>PC-2.2. Being able to make a preliminary diagnosis and make up a plan of laboratory and instrumental examinations of a patient.</p> <p>PC-2.3. Being able to refer a patient to a laboratory examination in case there are medical indications in accordance with the current procedures for the provision of medical care, clinical guidelines (treatment protocols) on the provision of medical care taking into account the medical care standards.</p> <p>PC-2.4. Being able to refer a patient to an instrumental examination in case there are medical indications in accordance with the current procedures for the provision of medical care, clinical guidelines (treatment protocols) on the provision of medical care taking into account the standards of medical care.</p> <p>PC-2.5. Being able to refer a patient to consult with a medical specialist if there is a medical indication in accordance with the current procedures for the provision of medical care, clinical guidelines (treatment protocols) on the provision of medical care taking into account the standards of medical care.</p> <p>PC-2.6. Being able to refer a patient to be provided with specialized medical care in an inpatient setting or in a day hospital in case there are medical indications in accordance with the current procedures for the provision of medical care, clinical guidelines (treatment protocols) on the provision of medical care taking into account the standards of medical care.</p> <p>PC-2.7. Being able to carry out differential diagnosis with other diseases/conditions, including the urgent ones, as well as to make a diagnosis taking into account the current international statistical classification of diseases and problems related to health (ICD).</p>
PC-3.	Being able to prescribe treatment and monitor its efficacy and safety	<p>PC-3.1. Being able to develop a treatment plan for a disease or condition taking into account the diagnosis, age and clinical picture in accordance with the current procedures for the provision of medical care, clinical guidelines (treatment protocols) on the provision of medical care taking into account the standards of medical care.</p> <p>PC-3.2. Being able to prescribe medicinal drugs, medical devices and medical nutrition taking into account the diagnosis, age and clinical picture of the disease and in accordance with the current procedures for the provision of medical care, clinical guidelines (treatment protocols) on the provision of medical care taking into account the standards of medical care.</p>

		<p>PC-3.3. Being able to prescribe non-drug treatment taking into account the diagnosis, age and clinical picture of the disease in accordance with the current procedures for the provision of medical care, clinical guidelines (treatment protocols) on the provision of medical care taking into account the standards of medical care.</p> <p>PC-3.4. Being able to assess the efficacy and safety of the use of drugs, medical devices, medical nutrition and other treatment methods.</p> <p>PC-3.5. Being able to provide palliative care in collaboration with medical specialists and other healthcare professionals.</p> <p>PC-3.6. Being able to organize personalized treatment for a patient, including pregnant women, elderly and senile patients; assess the efficacy and safety of treatment.</p>
PC-4.	<p>Being able to implement and monitor the patient's medical rehabilitation efficacy, including when implementing individual rehabilitation and habilitation programmes for persons with disabilities; assess the patient's ability to work</p>	<p>PC-4.1. Being able to conduct an examination of temporary disability and work as part of a medical commission which examines temporary disability.</p> <p>PC-4.2. Being able to prepare necessary medical documentation to carry out medical and social examination in federal state institutions of medical and social examination.</p> <p>PC-4.3. Being able to carry out medical rehabilitation measures for a patient, including when implementing an individual rehabilitation or habilitation programme for persons with disabilities, in accordance with the current procedures for the provision of medical care, clinical guidelines (treatment protocols) on the provision of medical care taking into account the standards of medical care.</p> <p>PC-4.4. Being able to refer a patient who needs medical rehabilitation to a medical specialist so that they prescribe and carry out medical rehabilitation measures, including when implementing an individual rehabilitation or habilitation programme for persons with disabilities, in accordance with the current procedures for the provision of medical care, clinical guidelines (treatment protocols) on provision of medical care taking into account the standards of medical care.</p> <p>PC-4.5. Being able to refer a patient who needs medical rehabilitation to a medical specialist so that they prescribe and carry out sanatorium treatment, including when implementing an individual rehabilitation or habilitation programme for persons with disabilities, in accordance with the current procedures for the provision of medical care, clinical guidelines (treatment protocols) on the provision of medical care taking into account the standards of medical care.</p> <p>PC-4.6. Being able to assess the efficacy and safety of medical rehabilitation measures for a patient in</p>

		<p>accordance with the current procedures for the provision of medical care, clinical guidelines (treatment protocols) on the provision of medical care taking into account the standards of medical care.</p> <p>PC-4.7. Being able to refer a patient with a persistent bodily dysfunction caused by diseases, the consequences of trauma or defects to a medical and social examination.</p>
PC-5.	<p>Being able to carry out preventive measures and measures to promote a healthy lifestyle and sanitary and hygiene education among population and monitor their effectiveness</p>	<p>PC-5.1. Being able to organize and conduct medical examinations taking into account age, health status, profession in accordance with applicable legislative acts and other documents.</p> <p>PC-5.2. Being able to organize and monitor the immunization of the adult population against infectious diseases in accordance with the current procedures for the provision of medical care, clinical guidelines (treatment protocols) on the provision of medical care taking into account the standards of medical care.</p> <p>PC-5.3. Being able to carry out medical examination of the adult population aimed at early detection of chronic noncommunicable diseases and the main risk factors for their development in accordance with the current legislative acts and other documents.</p> <p>PC-5.4. Being able to carry out follow-up care of patients with diagnosed chronic noncommunicable diseases.</p> <p>PC-5.5. Being able to prescribe preventive measures to patients taking into account risk factors in accordance with the current procedures for the provision of medical care, clinical guidelines (treatment protocols) on the provision of medical care taking into account the standards of medical care.</p> <p>PC-5.6. Being able to monitor observing preventive measures.</p> <p>PC-5.7. Being able to determine medical indications to introduce restrictive measures (quarantine) and indications for referral to a medical specialist in the event of infectious (parasitic) diseases.</p> <p>PC-5.8. Being able to issue and send an emergency notification to the territorial body of the Federal Service for Surveillance on Consumer Rights Protection and Human Wellbeing when an infectious or occupational disease is detected.</p> <p>PC-5.9. Being able to carry out anti-epidemic measures in the event of the occurrence of a focus of infection, including quarantine measures when especially dangerous (quarantine) infectious diseases are detected.</p> <p>PC-5.10. Being able to develop healthy lifestyle programmes, including the ones to reduce alcohol and tobacco consumption, prevent and combat non-medical use of narcotic drugs and psychotropic substances.</p> <p>PC-5.11. Being able to assess the effectiveness of preventive patient care.</p>

PC-6.	Being able to keep medical records and organize the activities of the nursing staff	PC-6.1. Being able to draw up a work plan and report on their work, issue a passport for a healthcare (therapeutic) area. PC-6.2. Being able to analyze morbidity, disability and mortality rates to characterize the health of the registered population. PC-6.3. Being able to keep medical records, including in the electronic form. PC-6.4. Being able to monitor the performance of official duties by a district nurse and other medical workers at the disposal. PC-6.5. Being able to provide internal control of quality and safety of medical activities within the scope of employment responsibilities.
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As a result of study of discipline a student must:

Know:

- fundamentals of the legislation of the Russian Federation to protect public health, basic technical standards for the provision of outpatient care;
- the basic principles of the organization of outpatient care;
- basic legislation on the sanitary and epidemiological welfare of the population, the main official documents regulating anti-epidemiological service of the population in infectious and parasitic diseases; regulations for the prevention of hospital infections, the legal framework of the state policy in the field of immunization;
- basics of organizing the activities of outpatient clinics under the budget and health insurance in the Russian Federation;
- organization of medical monitoring of the health of the population, examination of disability issues;
- the use of statistical indicators in the evaluation of outpatient clinics;
- maintaining the standard accounting and reporting of medical records therapist clinics and general practitioners;
- indicators of health in the therapeutic area;
- diseases associated with the adverse effects of climate and social factors;
- basics of Preventive Medicine, the organization of preventive measures aimed at improving the health of the population;
- methods of health education;
- implementation of control activities in the medical sector;
- the etiology, pathogenesis and prevention of diseases most frequently encountered;
- modern classification of diseases ICD-10 revision;
- clinical picture, the course and various complications most common diseases that occur in a typical form in various age groups;
- diagnostic methods, diagnostic algorithm and the possibility of patient research methods and therapeutic infectious Profile, modern methods of clinical, laboratory, instrumental examination of patients (including endoscopic, radiological techniques, ultrasound diagnostics, rapid diagnosis techniques);
- fundamentals of outpatient care the various groups of the population, the principles of medical examination of the population, the rehabilitation of patients;

- criteria for the diagnosis of various diseases;
- characteristics of the organization of work doctor outpatient care, advanced diagnostic capabilities outpatient services, methods of carrying out urgent measures, indications for a planned hospitalization;
- therapies and indications for their use;
- mechanism of therapeutic action of physical therapy and physical therapy, indications and contraindications for their intended purpose, especially their implementation;
- clinical manifestations of major surgical syndromes;
- characteristics of the organization of medical care during mass and sporting events;
- types of inheritance of diseases and clinical manifestations of hereditary diseases, the general characteristics of diseases with hereditary predisposition, the general principles and features of the diagnosis of hereditary diseases, the causes of the origin and significance of morphogenetic diagnostic options illness;
- major clinical manifestations of infectious diseases in general practice, basic methods of laboratory and instrumental diagnostics used in a clinic;
- characteristics of the organization of work with HIV-infected patients;
- major clinical manifestations of skin diseases (scabies, lice, dermatophytosis), HIV infection and sexually transmitted infections;
- clinical and pharmacological characteristics of the main groups of drugs and rational choice of specific drugs for the treatment of major pathological syndromes and diseases of the urgent conditions in patients;
- the basic stages of a doctor in primary care in the outpatient clinics

Be able to:

- analyze the state of health of the population and the impact of environmental factors on him and the working environment;
- to participate in the organization and provision of medical-preventive and anti-epidemic aid to the population, taking into account its socio-professional and age-sex structure;
- to perform prophylactic, hygienic and anti-epidemic measures;
- determine the status of the patient: to collect anamnesis, conduct a survey of the patient and / or his family, the patient's physical examination (inspection, palpation, auscultation, blood pressure measurement, determination of the properties of the arterial pulse, etc.); assess the condition of the patient to decide on the need for medical attention; to conduct an initial examination of organs and systems: the nervous, endocrine, immune, respiratory, cardiovascular, blood and blood-forming organs, digestive, urinary, reproductive, musculoskeletal and joint, eye, ear, nose and throat;
- set priorities to address health problems of the patient: critical (terminal) state, a state with a painful syndrome, a condition with a chronic disease state with an infectious disease, disability, geriatric problems, the state of the mentally ill;
- assess the social factors that influence the state of physical and psychological health of the patient: the cultural, ethnic, religious, personal, family, social risk factors (unemployment, violence, illness, and death of relatives and so on.);
- be able to make preliminary and clinical diagnosis;
- outline the necessary amount of further research in accordance with the prognosis for further diagnosis and obtain reliable results;
- choose the type of individual to assist in the treatment of a patient in accordance with the

situation: primary care, ambulance, hospitalization;

- develop a plan of therapeutic action in view of the disease and its treatment;
- formulate indications for the selected method of treatment given etiologic and pathogenic agents, to justify drug therapy in individual patients with the main pathological syndromes and emergency conditions, determine the route of administration, dose and regimen of drugs, to evaluate the efficacy and safety of the treatment;
- use various methods of administration of drugs;
- to monitor the hemodynamics and respiration;
- conduct a public portion attached permanent set of measures for primary and secondary prevention of diseases requiring therapeutic treatment,
- carry out preventive measures to improve the body's resistance to adverse environmental factors using a variety of methods of physical culture and sports, quenching, to promote healthy lifestyles;
- create a high risk for tuberculosis, and to evaluate the effectiveness of follow-up for patients tbc;
- fill a medical card outpatient prescription;
- apply legal and medical aspects of the statement of a person's death;
- provide medical and preventive care in primary care;
- provide emergency care to patients in the prehospital phase

Have the following skills:

- proper maintenance of medical records in the clinic;
- methods of general clinical examination;
- interpretation of the results of laboratory and instrumental methods of diagnosis;
- algorithm of initial diagnosis, followed by referral to the appropriate medical specialist;
- algorithm unwrapped clinical diagnosis;
- physicians major diagnostic and therapeutic measures to provide first medical aid in emergency and life-threatening conditions

4. Volume of the discipline and types of educational activities

General credit value of the discipline is 12 credit units.

Table 4.1

Types of educational activities	Hours (total)	Semesters			
		IX	X	XI	XII
Auditory studies (total)	233	51	51	51	80
Including:					
Lectures	-	-	-	-	-
Clinical practical studies	233	51	51	51	80
<i>including interactive forms:</i>	<i>120</i>	<i>20</i>	<i>20</i>	<i>20</i>	<i>60</i>
Self-studying (total)	199	21	57	57	64
<i>including:</i>	-	-	-	-	-
Course project	<i>114</i>	-	<i>57</i>	<i>57</i>	-

Medical essay	24	12	-	-	12	
<i>Other types of self-studying, including:</i> -Report the clinical problem at the conference -Participation in the health school in polyclinics (round table, a thematic presentation, ect)	61	9	-	-	52	
Type of intermediate certification (passed/not passed, exam)		passed/ not passed	passed/ not passed	passed/ not passed	passed/ not passed	
Total volume	hours	432	72	108	108	144
	points of credit	12	2	3	3	4

Professional practices

Table 4.2

Types of professional practices	weeks (total)	Semester			
		IX	X	XI	XII
Assistant physician in outpatient clinics	4	-	4	-	-
Requirements for certification: Written report Review from head of the practice			+	+	
Type of intermediate certification			score ECTS		

Science and research activities

Table 4.3

1.	Health status of students from different climatogeographic regions.
2.	Clinical aspects of the initial period of adaptation.
3.	Evaluating the effectiveness of the treatment of diseases in polyclinic practice.
4.	Diagnosis and treatment of the gastrointestinal tract diseases in young adults in general practice.
5.	Diagnosis and treatment of urological diseases in general medical practice

5. Content of the discipline

5.1. Content of the discipline sections.

Table 5.1

№ п/п	Section of the discipline	Content of the section
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I.	<p>Organization of the work of outpatient clinics. Organization of the local therapist and general practitioner work.</p>	<p>1.1. The general principles of the organization of the outpatient clinics. Organization and content of work of therapeutic department clinics. 1.2. Organization of the local therapist and general practitioner. 1.3. The concept of standards (protocols) the management of patients in outpatient conditions. Standards (protocols) of patients with the most common diseases in the practice of the therapist. 1.4. General and specific issues of examination of temporary disability. The procedure for referral to medical and social expertise. Disability.</p>
II.	<p>Diseases and syndromes common in outpatient therapist and general practitioner. Primary and differential diagnosis, patient management tactics. Urgent Care. Indications for hospitalization. Treatment. Examination of disability. Clinical supervision. Rehabilitation. Spa treatment.</p>	<p>2.1. Fever and low-grade fever in outpatient practice. Differential diagnosis. Management of patients. 2.2. Interpretation of blood count in outpatient practice, highlighting the main syndromes and initial diagnosis. Anemic syndrome. 2.3. The interpretation of urinalysis. Urinary Syndrome. Urogenital diseases in general practice. 2.4. Respiratory diseases in outpatient practice. 2.5. Diseases of the circulatory system in the outpatient practice. 2.6. Diseases of the digestive system in the outpatient practice. 2.7. Endocrine, nutritional and metabolic disorders in outpatient practice. 2.8. Articular syndrome in outpatient practice. 2.9. Somatoform disorders in general practice. 2.10. Headache syndrome in general practice. 2.11. The role of the doctor's clinic in detecting cancer. Keeping cancer patients at different stages of the disease. 2.12. Alcohol poisoning and alcoholic disease in the practice of the local therapist. 2.13. Iatrogenic illness in outpatient practice. Drug-induced diseases.</p>
III.	<p>Features of the course and treatment of somatic diseases in people of different age and gender groups in outpatient practice.</p>	<p>3.1. Features of the course and treatment of somatic diseases in people of different age groups in outpatient practice. 3.2. Features of the course and treatment of somatic diseases during pregnancy and problem therapist clinics in the conduct of normal pregnancy. 3.3. Requirements for the organization of outpatient reception and recording and reporting of different age and social groups.</p>
IV.	<p>Methods of drug and non-drug therapy in outpatient practice. Preventative work at polyclinics.</p>	<p>4.1. Rational antibiotic therapy in outpatient practice. 4.2. Diet therapy in GP. 4.3. Diseases prevention at the stage of polyclinics.</p>

5.2. Sections of the discipline and types of educational activities

Table 5.2

№ п/п	Section of the discipline	Lectur es.	Practical studies and lab practicals			Self- studyi ng	Hours (total)
			Pract. studies	Lab. pract.	<i>In interacti ve form</i>		
I.	Organization of the work of outpatient clinics. Organization of the local therapist and general practitioner work.	-	36	-	12	30	66
II.	Diseases and syndromes common in outpatient therapist and general practitioner. Primary and differential diagnosis, patient management tactics. Urgent Care. Indications for hospitalization. Treatment. Examination of disability. Clinical supervision. Rehabilitation. Spa treatment.	-	167	-	90	137	304
III.	Features of the course and treatment of somatic diseases in people of different age and gender groups in outpatient practice.	-	12	-	12	12	24
IV.	Methods of drug and non-drug therapy in outpatient practice. Preventative work at polyclinics.	-	18	-	6	20	38
Total:		-	233	-	120	199	432

5.3. Descriptions of interactive studies

Table 5.3

№	№ of the section	Theme of interactive lesson	Types of educational activities	Vol. (h.)
1	I.	Organization of the work of outpatient clinics. Organization of the local therapist and general practitioner work.	<ul style="list-style-type: none"> • Presentation on the basis of multimedia • Work in the clinic with staff and documentation, familiarity with the structure of establishments, equipment cabinets. 	6
2	I.	Organization of the local therapist and general practitioner work.	<ul style="list-style-type: none"> • Work in the clinic with staff and documentation, familiarity with the structure of establishments, equipment cabinets. 	6
3	II.	Fever and low-grade fever in outpatient practice. Differential diagnosis. Management of patients.	<ul style="list-style-type: none"> • Presentation on the basis of multimedia • Case method: Case studies and exercises • Analysis of clinical cases • Joint reception with the doctor in the clinic 	6

			<ul style="list-style-type: none"> • Visits to the challenges of SMEs in the brigade • Keeping medical records under the supervision of a doctor 	
4	II.	Interpretation of blood count in outpatient practice, highlighting the main syndromes and initial diagnosis. Anemic syndrome.	<ul style="list-style-type: none"> • Case method: Case studies and exercises • Analysis of clinical cases • Joint reception with the doctor in the clinic 	6
5	II.	The interpretation of urinalysis. Urinary Syndrome. Urogenital diseases in general practice.	<ul style="list-style-type: none"> • Case method: Case studies and exercises • Analysis of clinical cases • Joint reception with the doctor in the clinic 	6
6	II.	Respiratory diseases in outpatient practice.	<ul style="list-style-type: none"> • • Presentation on the basis of multimedia • Case method: Case studies and exercises • Analysis of clinical cases • Joint reception with the doctor in the clinic • Keeping medical records under the supervision of a doctor 	6
7-11	II.	Diseases of the blood circulatory system in the outpatient practice.	<ul style="list-style-type: none"> • Presentation on the basis of multimedia • Case method: Case studies and exercises • Analysis of clinical cases • Joint reception with the doctor in the clinic • Visits to the challenges of SMEs in the brigade • Keeping medical records under the supervision of a doctor 	30
12	II.	Diseases of the digestive system in the outpatient practice.	<ul style="list-style-type: none"> • Case method: Case studies and exercises • Analysis of clinical cases • Joint reception with the doctor in the clinic • Keeping medical records under the supervision of a doctor 	6
13	II.	Endocrine, nutritional and metabolic disorders in outpatient practice.	<ul style="list-style-type: none"> • Presentation on the basis of multimedia • Case method: Case studies and exercises • Analysis of clinical cases • Joint reception with the doctor in the clinic 	6

			<ul style="list-style-type: none"> • Keeping medical records under the supervision of a doctor 	
14	II.	Articular syndrome in outpatient practice.	<ul style="list-style-type: none"> • Presentation on the basis of multimedia • Analysis of clinical cases • Joint reception with the doctor in the clinic • Keeping medical records under the supervision of a doctor 	6
15	II.	Somatoform disorders in general practice.	<ul style="list-style-type: none"> • Presentation on the basis of multimedia • Analysis of clinical cases 	6
16	II.	Headache syndrome in general practice.	<ul style="list-style-type: none"> • Presentation on the basis of multimedia • Analysis of clinical cases 	6
17	II.	The role of the doctor's clinic in detecting cancer. Keeping cancer patients at different stages of the disease.	<ul style="list-style-type: none"> • Presentation on the basis of multimedia • Analysis of clinical cases • Joint reception with the doctor in the clinic • Keeping medical records under the supervision of a doctor 	6
18	III.	Features of the course and treatment of somatic diseases in people of different age and gender groups in outpatient practice. Features of the course and treatment of somatic diseases in people of different age groups in outpatient practice.	<ul style="list-style-type: none"> • Presentation on the basis of multimedia • Case method: Case studies and exercises • Analysis of clinical cases • Joint reception with the doctor in the clinic • Keeping medical records under the supervision of a doctor 	6
19	III.	Features of the course and treatment of somatic diseases during pregnancy and problem therapist clinics in the conduct of normal pregnancy.	<ul style="list-style-type: none"> • Case method: Case studies and exercises • Analysis of clinical cases • Joint reception with the doctor in the clinic 	6
20	IV.	Diseases prevention at the stage of polyclinics.	<ul style="list-style-type: none"> • Presentation on the basis of multimedia • Case method: Case studies and exercises • Analysis of clinical cases • Joint reception with the doctor in the clinic • Keeping medical records under the supervision of a doctor 	6

6. Laboratory training - not provided.

Table 6

№ п/п	№ discipline section	Subject of a practical training (seminars)	Workload (hours)
1.			
2.			
...			

7. Practical (clinical) studies

Table 7

№	Section	The subjects of clinical practical training	Vol. (h)
1.	I.	<p>The main directions of improvement of primary health care in Russia. The priority national project "Health". Background of primary health care reform across the country. Zone inefficiency in the outpatient sector. The conceptual framework of reforming the system of outpatient care. Modern resource-saving technologies in primary care.</p> <p>The main function of primary health care. Medical aid, its types, depending on the training of specialists and the provision of conditions, a group of health care interventions. Polyclinic, the types and levels of health clinics. Major orders regulating the activities of clinics and general practitioner.</p> <p>Groups clinics, depending on the capacity. The principle of the organization of the clinic. The main objectives of urban polyclinics (outpatient department of the city hospital). Events which organizes and conducts city polyclinic (outpatient department of the city hospital) for the implementation of its tasks. Main units and branch clinics.</p>	6
2.	I.	<p>Orders that establish standards of medical and nursing work in the clinic. Standards of visits by 1 hour of general practitioner in the clinic. Main tasks and responsibilities of the district therapist. The main activities are obliged to ensure the district physician at the assigned station. The fundamental rights of the local therapist. Workplace district therapist. Forms of primary medical records used in the district therapist (accounting and reporting). Diary works district therapist clinics, out-patient card, passport medical district. Indicative list of the main equipment of medical equipment urban clinics. The list of mandatory laboratory tests used in an urban clinic, depending on its capacity. Organization of medical outpatient, and home visits. Continuity in the district physician and other members of the diagnostic and treatment process. Clinical examination in the district therapist. Organization of school health. The role and place of spa treatment in the practice of the local therapist.</p>	6
3.	I.	<p>Goals and objectives of family medicine at the present stage. Conditions of work of a general practitioner (family doctor) in large industrial centers and in rural areas. Rights and duties of the general practitioner. Normative documents regulating the activities of a general practitioner.</p> <p>Organization of the department of general practice, general practitioner in primary care, rural hospitals, central AFP. The structure of the department of general practice and regulations for the organization of its work. Interaction of GPs with specialists.</p>	6
4.	I.	<p>The concept of standards (protocols) the management of patients in outpatient conditions. Evidence-based medicine in ambulatory practice. Criteria for quality of care in the provision of ambulatory care. Job doctor clinic under mandatory health insurance.</p>	6
5.	I.	<p>Concept and types of disability. The procedure for issuing sick leave in different situations: with the disease, normal and pathological pregnancy and childbirth, quarantine, health-care and sick child, a disabled child, spa treatment and rehabilitation, the direction of the medical commission. Rough terms of disability in the most widespread diseases in practice physician</p>	6

		clinics. The procedure for sending people to the medical commission and medical commission. Indications for sustainable employment.	
6.	I.	Permanent disability. Medical-social examination. The determination of disability. Private questions of medical and social examination. Responsibilities and performance of VC and medical commission. The procedure for referral to medical commission. Performance evaluation of the quality of the local doctor on sections of medical and social examination.	6
7.	II.	Fever and low-grade fever in a GP practice. Peculiarities of diseases associated with low-grade fever, fever. Modern classification of fever of unknown origin. Causes fever - focal and generalized infection, connective tissue disease, paraneoplastic processes, systemic blood diseases, parasitic diseases and others. Complex methods for diagnosing causes of fever of unknown origin. Management of patients with low-grade fever and fever of unknown origin. Acute rheumatic fever. Parasitic infections (malaria, toxoplasmosis, leishmaniasis.) Lyme disease (Lyme disease). Fever in HIV infection, tuberculosis, herpes viruses, CMV, Epstein-Barr virus. Systemic diseases of connective tissue. Drug fever. Fever with endocrine pathology. Fever on the background of cancer process. TB and watchfulness onkonastorozhennost the local therapist. Features of the organization of work with HIV-infected patients, tuberculosis	12
8.	II.	Interpretation of blood count in outpatient practice, highlighting the main syndromes and initial diagnosis. Planning examination of the patient for further diagnosis.	6
9.	II.	Anemic syndrome. Distinctive clinical and laboratory-instrumental signs of anemia of various origins. The differential diagnosis of anemia of various origins, especially laboratory verification of diagnosis, treatment on an outpatient basis. Diagnosis of hemoglobin disorders and haemoglobinopathies in outpatient practice and the verification of the diagnosis. Features outpatient physician in the diagnosis of leukemia and interpretation leukemoid reaction CBC. Tactics of the doctor of first contact.	6
10.	II.	The interpretation of urinalysis. Urinary syndrome in the practice clinic. The definition of "urinary syndrome", types of violations of the urinary sediment, capabilities and value of laboratory and instrumental methods of research carried out in the clinic for the differential diagnosis of diseases that manifest proteinuria, hematuria, and bacteriuria leukocyturia. Curation of patients with acute and chronic pyelonephritis in general medical practice. Curation of patients with acute and chronic glomerulonephritis in general medical practice.	9
11.	II.	Respiratory diseases as the most common type of morbidity level in outpatient practice. Acute respiratory infections: flu, tonsillitis, acute bronchitis. Differential diagnosis, indications for hospitalization. Pneumonia. Early diagnosis. Indications for hospitalization. Treatment on an outpatient basis. Examination of disability. Clinical supervision. Treatment. SCR.	6
12.	II.	Chronic obstructive pulmonary disease. The role of active and passive smoking. Bronchial asthma in outpatient practice. Clinical supervision. School bronchial asthma. Examination of disability. Spa treatment. Criteria for the quality of life of patients with respiratory diseases.	6
13.	II.	Arterial hypertension in outpatient practice. Standards for the management of patients with hypertension. Early diagnosis, differential diagnosis with hypertension, symptomatic hypertension. The degree stage of the disease, risk stratification, drug and non-pharmacological therapy. Management of patients with hypertension in the pre-hospital, emergency care during crises. Rational drug therapy in patients with hypertension. Examination of working capacity of the patient with hypertension. Clinical supervision. Rehabilitation.	12
14.	II.	Syndrome pain in the left half of the chest. Differential diagnosis and koronarogennyh noncoronary causes of chest pain, the main features of angina, the possibility clinic to confirm CAD. The differential diagnosis of chest pain	12

		noncoronary genesis, the main features osteohydroza, signs of diseases of the pleura, the abdominal organs.	
15.	II.	ECG analysis in health and disease. The main ECG signs of conduction disturbances, arrhythmias, hypertrophy of various departments. ECG interpretation.	6
16.	II.	Acute coronary syndrome in general practice: unstable angina, acute myocardial infarction. Cardiac arrhythmias. Pulmonary embolism. Acute heart failure. Pulmonary edema. Cardiogenic shock. Emergency assistance and emergency hospitalization. The role of stress and distress in the development of acute coronary syndrome. Measures for the prevention of acute cardiology.	12
17.	II.	Chronic heart failure: diagnosis and treatment in an outpatient setting. Peculiarities of tactics of management of patients with congestive heart failure on an outpatient basis. The differential diagnosis of diseases associated with the development of chronic heart failure (including cardiomyopathy), early signs of heart failure, the methods of detection, diagnosis formulation. Treatment of outpatient, indications for hospitalization. Temporary disability, indications for the establishment of the disability, rehabilitation measures, particularly diet and physical activity in patients with CHF. Prevention of heart failure. Prevention of complications from the "target organs" (stroke, heart attack, embolism) Co doctor and social workers in the Supervision of patients with CHF.	8
18.	II.	Chronic venous insufficiency in the work of the general practitioner. Primary and secondary prevention.	6
19.	II.	Dyspepsia syndrome in outpatient practice. Standards for the management of patients with peptic ulcer disease, functional dyspepsia, chronic gastritis. The definition of "syndrome of dyspepsia." Pathogenic factors of formation of organic and functional dyspepsia. Determination of the symptoms included in the syndrome of functional (non-ulcer) dyspepsia. Value concepts of "chronic gastritis" and "functional (non-ulcer) dyspepsia." H. pylori value in the formation of symptoms. Principles of treatment of dyspepsia syndrome, chronic gastritis, peptic ulcer, ulcerative colitis. Schemes Helicobacter therapy 1 and 2 levels. The manifestations of dyspepsia in different age and gender groups. The role of psychogenic factors in the development of dyspepsia and taking them into account in the development of prevention, treatment and rehabilitation of patients.	6
20.	II.	The syndrome of pain in the right upper quadrant. Diseases of the liver and biliary tract in outpatients. Algorithms for diagnosis of diseases hepatobiliarnopankreaticheskoy areas: liver, biliary tract and pancreas in outpatient conditions. Laboratory and instrumental methods of research used in the diagnosis of the syndrome of pain in the right upper quadrant, their capabilities. Criteria for diagnosis of chronic hepatitis, cirrhosis, cholecystitis acalculous, dysfunctional disorders of the biliary tract (sphincter of Oddi dysfunction and gall bladder), chronic pancreatitis, gallstones. Clinical, biochemical and whey instrumental syndromes of liver damage. The period of temporary incapacity, the indications for the examination of permanent disability, the scheme of follow-up, labor recommendations, indications for sanatorium treatment for diseases hepatobiliarnopankreaticheskoy zone. Indications for emergency hospitalization in a surgical hospital and activities of the first medical aid in case of acute pain in the right upper quadrant.	6
21.	II.	Bowel disease in ambulatory practice. Diarrhea: pathogenesis, classification, differential diagnosis of infectious and non-infectious diarrhea, management of patients, treated according to nosological forms. Chronic constipation: definition, differential diagnosis, management tactics in the outpatient. Abdominal pain in diseases of the bowel. Differential diagnosis of Crohn's disease, ulcerative colitis, irritable bowel syndrome, bacterial overgrowth syndrome, infectious colitis and non-inflammatory bowel disease (diverticular disease, celiac disease, lactase deficiency, cancer and endometriosis, etc.). Indications for hospitalization. Treatment. Examination of disability. Clinical	6

		supervision. Spa treatment.	
22.	II.	Diabetes: particularly the diagnosis and management of patients on outpatient. The value of schools for patients with diabetes to control the disease and prevention of complications. The principles of diet therapy, calculation of energy intake, depending on the physical activity, the prevention of diabetic foot. Drug treatment of diabetes types 1 and 2. Insulin therapy, dose calculation. Treatment of complications. Clinical management and control at the outpatient stage. Clinical supervision. Diabetic alertness. Eating disorders. Obesity in the practice of the local therapist.	6
23.	II.	Outpatient management of patients with diseases of the thyroid, parathyroid and adrenal glands. The differential diagnosis of thyroid diseases of various origins. Tactics of treatment. Clinical signs of the parathyroid glands. Differential diagnosis of lesions of the musculoskeletal system with the defeat of the parathyroid glands from other diseases of the joints. Features identifying hypofunction of the adrenal cortex. Clinical management and control at the outpatient stage.	6
24.	II.	Articular syndrome in outpatient practice. Clinical, laboratory and radiological data confirming the diagnosis of arthritis or osteoarthritis, the causes of inflammatory and degenerative joint disease. The differential diagnosis of the articular syndrome, rheumatoid arthritis, reactive arthritis, osteoarthritis. Peculiarities of diseases associated with articular syndrome: systemic connective tissue disease, vasculitis, endocrine, and infectious diseases; their clinical and instrumental features. The principles of diagnosis and management tactics in ambulatory practice. Examination of disability.	6
25.	II.	Somatoform disorders in general practice. Somatoform dysfunction of the autonomic nervous system. Disorders related to stress and adjustment disorders. Psychovegetative syndrome and its variants as the most frequent manifestation of constitutionally conditioned state - connective tissue dysplasia. Vascular dystonia, definition clinic. Principles of diagnostics, differential diagnosis, the amount of the survey, the choice of medication and non-drug therapies.	6
26.	II.	Headache syndrome in general practice. Diagnostic procedure. Indications for hospitalization. Rational therapy headaches of various origins.	6
27.	II.	The role of the doctor's clinic in detecting cancer. Keeping cancer patients at different stages of the disease. Features of care for incurable patients in ambulatory practice and in a hospice. The role of the family in the care of "bed-patients" family members skills training care, psychological support. The interaction of a general practitioner with social workers.	6
28.	II.	Emergencies and prehospital care in cases of poisoning by alcohol and its surrogates. Characteristics of the disease (for example, pneumonia) in patients suffering from alcoholism. Alcoholism in the practice of the local therapist. Features of treatment of somatic diseases in dependent patients.	6
29.	II.	Iatrogenic illness in outpatient practice. The definition, synonyms of the term "drug disease", etiology, pathogenesis. Features of lesions of the gastrointestinal tract, liver, kidneys, joints, heart, lungs, the nervous system in applying different drugs. Cutaneous: urticaria syndrome, Lyell's syndrome Stevenson-Johnson. Angioedema. Anaphylactic shock. Serum sickness. Principles of drug treatment and prevention of disease.	6
30.	III.	Features of the course and treatment of somatic diseases in elderly and senile patients in outpatient practice. Characteristic features of the flow of internal diseases in elderly patients: clinical, laboratory and instrumental features. Complications and side effects of drug treatment in patients elderly, polytherapy, polypharmacy. Features Supervision patients elderly with somatic pathology. Features of the course and treatment of somatic disorders in adolescents and young adults. The diagnosis and treatment of diseases in patients during menopause in the practice of physician clinics. Requirements for the organization of outpatient reception and recording and reporting of different age and social groups (youth, the disabled, veterans,	6

		etc.). Preferential recipes.	
31.	III.	Features of the course and treatment of somatic diseases during pregnancy and problem therapist clinics in the conduct of normal pregnancy. The value of physical health of women in the formation of a healthy generation tactic survey of pregnant women during pregnancy in various diseases, medical indications for abortion. Principles of treatment. Features of follow-up physician for pregnant women suffering from physical illnesses.	6
32.	IV.	Rational antibiotic therapy in outpatient practice.	6
33.	IV.	Herbal medicine in the GP. General principles and particular cases in various metabolic disorders.	6
34.	IV.	Preventative work of the doctor-patient department. Problems related to lifestyle. Healthy lifestyle. Organization of preventive measures aimed at improving the health of the population on the territorial area. Sanitary and educational work in the area with various age and professional groups on nutrition, motor activity, work and rest, creating the need for maintaining optimal sanitary living conditions. The role of the various methods of physical training and hardening in increasing resistance to adverse environmental factors.	6
		Total:	236

8. Material and technical support of the discipline:

1. Classrooms (2 units), a conference hall equipped with multimedia projectors, personal computers;
2. Computer classes of the Faculty of Medicine, the information library center of the RUDN with access to the university electronic library system, on the Internet;
3. A set of situational tasks.
4. A set of tests for testing knowledge on paper and electronic media, in the program "TUIS".
5. Presentations for multimedia on the topics of the discipline.
6. Software: lib.rudn.ru (electronic library system of RUDN University).
7. The clinical base of the department is the substation of emergency and emergency medical care (No. 10) in Moscow.
8. Clinical base of the department (Clinical and Diagnostic Center No. 6 (CDC No. 6) - A complex of polyclinics serving 250 thousand people of Moscow, Moscow, Ceramic passage 49B) · contract on the clinical base of the department until 2026.
9. The clinical base of the department is the Clinical and Diagnostic Center of the RUDN Medical Institute (10 Miklukho-Maklaya str., Moscow).
10. Clinical base of the department – GBUZ MO "Podolsk City Clinical Hospital" (polyclinic, reception and diagnostic departments) · agreement on the clinical base of the department until 2026.

Table 8

No. p \ n	Name of special * rooms and rooms for independent work.	Equipment of special rooms and rooms for independent work.	List of licensed software. Details of the supporting document
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1	Moscow, st. Miklouho-Maclay, 10, Training audience for lecture-type classes, seminars-type classes, group and individual consultations, monitoring and intermediate certification: aud. № 314	Set of specialized furniture; chalk board; technical facilities: projection screen, NEC NP-210 portable multimedia projector, Asus A52J laptop, Internet access	<ul style="list-style-type: none"> • Microsoft Windows 10 for educational institutions Version 1803 • Microsoft Windows 7 Corporate, 2009, Product Code 55041-001-1362135-86038
2	Moscow, st. Miklouho-Maclay, 10, block 2 Training room for seminars of type, group and individual consultations, monitoring and interim certification: Aud. № 430	A set of specialized furniture; magnetic marker board; technical facilities: projection screen, stationary multimedia projector, Asus A52J laptop, Internet access	<ul style="list-style-type: none"> • Microsoft Windows 10 for educational institutions Version 1803 • Microsoft Windows 7 Corporate, 2009, Product Code 55041-001-1362135-86038
3	Moscow, st. Miklouho-Maclay, 10, block 2 Training room for seminars of type, group and individual consultations, monitoring and interim certification: aud. № 431	A set of specialized furniture; magnetic marker board; technical facilities: projection screen, stationary multimedia projector, Asus A52J laptop, Internet access	<ul style="list-style-type: none"> • Microsoft Windows 10 for educational institutions Version 1803 • Microsoft Windows 7 Corporate, 2009, Product Code 55041-001-1362135-86038
4	Moscow region, Podolsk, ul. Kirova, d.38 - State Budgetary Institution of Healthcare of the Moscow Region Podolsk City Clinical Hospital: 1 audience for 25 seats, a conference hall for 500 seats	A set of specialized furniture; technical means: projection screen, stationary multimedia projector, laptop Asus A52J	<ul style="list-style-type: none"> • Microsoft Windows 7 corporate, 2009, Product code 55041-001-1362135-86038
5	Moscow, st. Miklukho-Maklaya, 29, bld.2. Diagnostic Advisory Center No. 1 of the Moscow Health Department: 1 audience for 15 seats, a conference hall and 50 training seats.	Set of specialized furniture; technical means: projection screen, stationary multimedia projector, laptop Asus A52J	<ul style="list-style-type: none"> • Microsoft Windows 7 corporate, 2009, Product code 55041-001-1362135-86038
6	Moscow region, Podolsk, ul. Kirova, d.27 - State budgetary institution of health care of the Moscow region Podolsk city polyclinic №1: 1 audience for 25 seats, a conference hall for 100 seats.	A set of specialized furniture; equipped with multimedia equipment	
7	Moscow, Beskudnikovskiy Boulevard, d. 59 - Polyclinic No. 155 (Consultative and Diagnostic Center No. 6, branch No. 2): 1 audience for 15 seats, a conference room for 50 training seats.	Set of specialized furniture; technical means: projection screen, stationary multimedia projector, laptop Asus A52J	<ul style="list-style-type: none"> • Microsoft Windows 7 corporate, 2009, Product code 55041-001-1362135-86038

*Special rooms - classrooms for lecture classes, seminars, course design (coursework), group and individual counseling, monitoring and interim certification, as well as rooms for independent work.

9. Information support of the discipline:

a) Software:

- Testing Program "Mentor".

б) Databases, reference and search engines:

- Electronic Library System (ELS) of the RUDN University and third-party ELS, to which university students have access on the basis of concluded contracts.
- Scientific electronic library (<http://elibrary.ru/defaultx.asp>).
- Telecommunications educational and information system of RUDN (<https://esystem.rudn.ru/>).
- Universal library ONLINE (<http://biblioclub.ru>).
- Library of electronic journals BENTHAM OPEN(<http://www.benthamscience.com/open/a-z.htm>).
- Library e-journals Elsevier (<http://www.elsevier.com/about/open-access/open-archives>).
- Medlib medical online library (<http://med-lib.ru/>).

The electronic library system of the RUDN meets the requirements includes educational, methodical and scientific materials, dissertations and abstracts, publications of the employees of the RUDN, conference materials, periodicals in 70 languages. The EBS RUDN has subscribed to 267 scientific periodicals in electronic and printed form, connected 35 domestic and foreign universal, professional, full-text and bibliographic databases, the list of which is updated annually.

10. Educational and Methodical support of the discipline:

List of recommended literature.

a) Basic literature.

(a) educational literature:

1. Murtagh J. General Practice. 6th edition. Publisher: McGraw-Hill Australia, Sidney. Year - 2015.
2. Polyclinic therapy [Text] : Textbook / I. I. Chukaeva [et al.]; Ed. I. I. Chukaeva, B. Ya. Bart. - M. : KnoRus, 2019. - 696 p. - ISBN 978-5-406-07200-4 : 1698.00.
3. Outpatient therapy [Electronic resource] : the Textbook / Under the editorship of I. L. Davydkina, Y. V. Schukin. - Moscow : GEOTAR-Media, 2016. - 688 p. - ISBN 978-5-9704-3821-3.
4. Sturov N. In. etc. the Main therapeutic syndromes in the outpatient practice of a physician [the Text/electronic resource] : a tutorial / N. In. Sturov, G. N. Kobylany, E. V. Mitina, I. N. Himina. - M. : Publishing house RUDN, 2019. - 276 p. - ISBN 978-5-209-08886-8 : 123.60.
5. Outpatient therapy. Standards of medical care. Quality assessment criteria: pharmacological reference book / comp. A. I. Murtazin. - Moscow: GEOTAR-Media, 2019. - 624 p. - ISBN 978-5-9704-5087-1.
6. Polyclinic therapy: textbook / O. V. Agafonova, S. V. Bulgakova, Yu. V. Bogdanova [et al.]; ed. Davydkina I. L., Shchukina Yu. V. - 2nd ed., reprint. and additional; Electronic text data. - Moscow: GEOTAR-Media, 2020. - 840 p. - ISBN 978-5-9704-5545-6.

b) Additional literature.

(a) educational literature:

1. Simon C., Everitt H., Dorp F., Burkes M. Oxford Handbook of General Practice. 4th edition. [Electronic resource] Publisher: Oxford University Press, Oxford, UK. Year – 2014.
2. General medical practice [Electronic resource] : National guidelines in 2 volumes. Vol. 1 / Ed. Acad. RAMS I. N. Denisova, Professor O. M. Lesnyak. - Moscow : GEOTAR-Media, 2017. - 976 p. - ISBN 978-5-9704-4164-0.
3. General medical practice [Electronic resource] : National guidelines in 2 volumes. Vol. 2 / Ed. Acad. Ran I. N. Denisova, prof. O. M. Lesnyak . - Moscow : GEOTAR-Media, 2016. - 888 p. - ISBN 978-5-9704-3906-7.
4. Sturov N. In. etc. Pharmacotherapy of cardiovascular diseases in outpatient practice: a textbook for physicians, residents / N.In. Sturov, A.V. Cheese, GN Kobylany.- Moscow: Academizdat, 2018.-75 p. - ISBN 978-5-6040062-0-7.
5. Emergency medical care prehospital [Electronic resource] : Textbook / A. L. Vertkin, A. L. Alexanian, M. V. Balabanov, and others; Under the editorship of A. L. Vertkina. - Moscow : GEOTAR-Media, 2017. - 544 p. - ISBN 978-5-9704-4096-4.
6. Rational pharmacotherapy of cardiovascular diseases: Compendium [Electronic resource] / Edited by E. I. Chazov, Yu. a. Karpov. - 2nd ed. - M. : Litterra, 2016. - 784 p. - (Rational pharmacotherapy). - ISBN 978-5-4235-0243-0.
7. Bokarev Igor Nikolaevich. Internal diseases: differential diagnosis and treatment [Text] : Textbook / I. N. Bokarev, L. V. Popova. - Moscow : Medical news Agency, 2015. - 773 p. - ISBN 978-5-9986-0217-7 : 1350.00.
8. Storozhakov G. I. Polyclinic therapy [Electronic resource] : Textbook / G. I. Storozhakov, I. Chukaeva, A. A. Alexandrov. - 2nd ed., pererab. I DOP. - M. : GEOTAR-Media, 2013. - 640 p. - ISBN 978-5-9704-2501-5.
9. Gilimanuk V. A. Outpatient care to cancer patients [Text/Electronic resource] : textbook / A. V. Gilimanuk. - Electronic text data. - M. : publishing house of PFUR, 2013. - 102 p.: Il. - ISBN 978-5-209-05096-4.
10. Kobylany Georgy Nikolaevich. The main symptoms and syndromes in General medical practice. Diagnosis and treatment [Text/electronic resource] : a manual / G. N. Kobylany, V. I. Kuznetsov, N. In. Sturov. - M. : publishing house of PFUR, 2011. - 219 p.: Il. - ISBN 978-5-209-03471-1 : 200.00. 51.1 - K55
11. Rusanova E. I., Alekseev G. I. School of health for patients with arterial hypertension[Text]: Educational manual.– M.: publishing house of PFUR, 2013.-95 p.
12. Rusanova E. I.. Organization of work of a nurse of a General practitioner (family doctor)[Text]: Teaching manual.– M.: publishing house of PFUR, 2013.-99 p.

(b) normative legal acts:

1. The Federal law of the Russian Federation of November 21, 2011 N 323-FZ "About bases of protection of health of citizens in the Russian Federation" (last edition).
2. Decree of the Government of the Russian Federation No. 2299 of December 28, 2020 "On the Program of State guarantees of Free Medical care for Citizens for 2021 and for the planning period of 2022 and 2023"
- 3/Order of Ministry of health and social development of Russia of 15.05.2012 N 543n "About the statement of Regulations on the organization of rendering primary health care to the adult population" (last edition).
3. The order of the MoH of Russia as of 15.12.2014 N 834H "On approval of unified forms of medical records used in medical organizations providing medical assistance in outpatient conditions and procedures for their filling"the Order of Ministry of health of Russia 1175H N

- from 20.12.2012 "On approval of the procedure for the appointment and prescribing of drugs and prescription forms for drugs, not properly completing the specified forms, their account and storage" (latest revision).
4. Order of Ministry of health and social development of the Russian Federation of 22.11.2004 N 255 "About the Order of rendering primary health care to the citizens having the right to a set of social services" (last edition).
 5. Order of the Ministry of Health of the Russian Federation of 14.09.2020 N 972n "On approval of the Procedure for issuing certificates and medical reports by medical organizations"
 6. Order of the Ministry of Health of the Russian Federation of 31.07.2020 N 789n "On approval of the procedure and terms for providing medical documents (their copies) and extracts from them"
 7. Order of the Ministry of Health of the Russian Federation of 28.09.2020 N 1029n "On approval of lists of medical indications and contraindications for sanatorium treatment"
 8. Order of the Ministry of Health of the Russian Federation No. 4n of January 14, 2019 (as amended on 08.10.2020) "On approval of the Procedure for Prescribing Medicines, Forms of prescription forms for Medicines, the procedure for Registration of these Forms, their accounting and storage" The order of Ministry of health of Russia from 21.12.2012 1344H N "On approval of the Procedure of dispensary observation".
 9. Order of the Ministry of health and social development of Russia dated 01.09.2020 № 925n "About the approval of the procedure for the issuance and registration of disability leaflets, including the procedure for the formation of disability leaflets in the form of an electronic document" (last revision).
 10. Order of the Ministry of health of the Russian Federation from 23.08.2016 625H N g. "On approval of Procedure of carrying out examination of temporary incapacity to work".
 11. Order of the Government of the Russian Federation of 12.10.2019 N 2406-r (ed. of 23.11.2020) "On approval of the list of vital and essential medicines, as well as lists of medicines for medical use and the minimum range of medicines necessary for the provision of medical care" (with amendments and additions, intro. effective from 01.01.2021
 12. Order of the Ministry of Health of the Russian Federation of 29.03.2019 N 173n "On approval of the procedure for conducting dispensary supervision of adults"
 13. Order of the Ministry of Health of the Russian Federation of 13.03.2019 N 124n (ed. of 02.12.2020) "On approval of the procedure for conducting preventive medical examination and medical examination of certain groups of the adult population" (latest edition)
 14. Order of the Ministry of health and social development of the Russian Federation of April 26, 2011 N 347n "About the statement of the form of the leaf of disability".
 15. Order of Ministry of health and social development of Russia of 05.05.2012 N 502n "About the statement of the order of creation and activity of the medical Commission of the medical organization" (last edition).
 16. The order of the MoH of Russia from 10.05.2017 203H N "On approval of criteria for evaluating the quality of medical care."
 17. Terms of isolation of patients with infectious diseases and persons in contact with them. Methodical recommendation. Approved by the MOH of the RSFSR G. 15.10.1980
 18. Approximate terms of temporary disability in the most common diseases and injuries (in accordance with ICD-10). Recommendations for heads of medical institutions and attending physicians, medical specialists and Executive bodies of the social insurance Fund of the Russian Federation. Approved. 18.08.2000 g Ministry of health and the FSS 2510/9362 N-34 and N 02-08/10-1977П.
 19. The order of the Government of the Russian Federation of February 20, 2006 N 95 "About conditions and the order of recognition of the person by the disabled person" (last edition).

20. Order of the Ministry of labour and social protection of the Russian Federation from 29 .09.2014, N 664Н "About the classifications and criteria in the implementation of medico-social examination of citizens by Federal state institutions of medico-social examination" (latest revision).
21. Order of the Ministry of Labor of the Russian Federation dated 21.03.2017 N 293n "On approval of the professional standard" Medical doctor (district therapist)"
22. Order of the Ministry of Labor of the Russian Federation of 31.07.2020 N 475n "On approval of the professional standard "Nurse / medical brother"
23. Orders of the Ministry of Health of the Russian Federation on the approval of procedures, standards of medical care and clinical recommendations /Website of the Ministry of Health of the Russian Federation <https://minzdrav.gov.ru/documents>

(c) national clinical guidelines:

1. Hereditary diseases [Electronic resource] : National guidelines. Brief edition / ed. by E. K. Ginter, V. P. Puzyreva. - Moscow : GEOTAR-Media, 2017. - 464 p. - ISBN 978-5-9704-3969-2.
2. Hematology [Electronic resource] : National guidelines / Edited by O. A. Rukavitsyn . - Moscow : GEOTAR-Media, 2017. - 784 p. - ISBN 978-5-9704-4199-2.
3. Federal clinical recommendations on diagnostics and treatment of bronchial asthma [Electronic resource] / authors : Chuchalin A. G., Asanov Z. R., belevskiy A. S. and others– M, 2016.– 64c.
4. Endocrinology [Electronic resource] : National guide / Ed. I. I. Dedov, G. A. Melnichenko. - 2nd ed., pererab. I DOP. - M. : GEOTAR-Media, 2016. - ISBN 978-5-9704-3682-0.
5. HIV infection and AIDS. Clinical guidelines [Electronic resource] / Edited by V. V. Pokrovsky. - 3rd ed., pererab. I DOP. - M. : GEOTAR-Media, 2016. - 112 p. - ISBN 978-5-9704-3900-5.
6. Fundamentals of radiation diagnosis and therapy [Electronic resource] : National guidelines / GL. ed. Tom S. K. Ternova. - Moscow : GEOTAR-Media, 2013. - 1000 p. - (National guidelines for radiation diagnosis and therapy). - ISBN 978-5-9704-2564-0.
7. Clinical practice guidelines for the diagnosis and treatment of functional dyspepsia [Electronic resource] / Authors: V. T. Ivashkin, A. A. Sheptulin, T. L. Lapina, etc. –M., 2013.– 36 p.
8. Clinical guidelines of the Russian gastroenterological Association on the management of patients with abdominal pain [Electronic resource] / Ivashkin V. T., Mayev I. V., Kucheryavy Yu. a., etc. //RIGHT.-2015.– №4.– P. 71-80 / www/gastro-j.EN
9. Clinical guidelines for the diagnosis and treatment of peptic ulcer [Electronic resource] / Authors: V. T. Ivashkin, A. A. Sheptulin, E. K. Baranskaya, etc.–M., 2013.– 39 p.
10. Principles of etiopathogenetic therapy of acute sinusitis. Clinical guidelines [Electronic resource] / Authors: Ryazantsev S. V. Garashchenko T. A., Karneeva O. V. et al. -.M – S-Pb.- 2014.– 27 p.
11. Dizziness (peripheral). Clinical guidelines [Electronic resource] / Authors: Lilenko S. V., Zaitseva O. V., Morozova S. V., Svistushkin V. M. –.M – S-Pb.-2014.– 21 p.

11. Guidelines for students on the development of the discipline (module)

Students are required to attend classes, complete teacher's tasks, get acquainted with the recommended literature, etc. When certifying a student, the quality of work in the classroom, the level of preparation for independent activity in the chosen field, the quality of performing tasks of the head of the discipline, the ability to independently study educational material are evaluated.

When working at a clinical base-an ambulance substation-a student fills out call cards, which are subsequently used for an interview with a teacher.

When working at a clinical base - in a clinical diagnostic center or a polyclinic department of a hospital-a student keeps a diary, where he records all clinical cases at the reception, then an interview with the teacher is conducted according to these records.

In laboratory classes, the analysis of relevant topics is carried out using samples of documents, multimedia equipment (computer, projector).

Independent work during extracurricular hours can take place both in the classrooms of the department and in the computer lab, in the library, and in the basic medical institution.

For independent work of students on a home computer, the necessary regulatory documentation is available on the cathedral page of the University's Educational Portal and in the corresponding section of the University's Telecommunications Educational and Information System.

The following forms of independent work are provided: work in the office of registration of disability sheets in the basic medical institution, study of the minutes of meetings of the Medical Commission of the basic medical institution, preparation of notes on various sections of the course, as well as presentation of reports at the scientific and practical seminar of the department.

Extracurricular independent work includes: the

study of material from a textbook, textbooks on paper and electronic media; preparation of an abstract message on a selected topic; preparation for the implementation of control works and test tasks.

Educational materials in electronic form on a number of studied topics are posted on the discipline page in the TUIS, on the local resources of the electronic library system of the RUDN.

If distance learning is necessary, the Microsoft TIMS corporate platform based on Office 365 can be used.

Academic ethics

When preparing reports, it is necessary to comply with the requirements of academic ethics.

All available footnotes are carefully verified and provided with links to the source of information. Direct quotes are given in quotation marks and are also accompanied by appropriate footnotes.

This also applies to sources found on the Internet. In this case, you must specify the full address of the site. If the site contains the name of the source, publication, author's name, then the relevant data should also be indicated in the footnotes and the list of sources and literature used in the preparation of the independent work. At the end of the work, an exhaustive list of all the sources used is given.

Knowledge control

The current control of knowledge and the success of mastering the curriculum in full-time training is carried out in the form of an assessment of the results of a laboratory workshop (solving clinical situational problems with the registration of disability checklists, student certificates, filling out forms of primary medical documentation and other medical documents), an oral survey and testing.

The final certification is the sum of the points received by the student as a result of the stages of the current control of knowledge, skills and abilities.

12. Evaluation fund for conducting intermediate certification of students in the discipline

Materials for assessing the level of mastering the educational material of the discipline "Polyclinic Therapy" (evaluation materials), including a list of competencies indicating the stages of their formation, a description of indicators and criteria for evaluating competencies at

various stages of their formation, a description of assessment scales, standard control tasks or other materials necessary for assessing knowledge, skills and (or) experience of activity that characterize the stages of competence formation in the process of mastering the educational program, methodological materials that determine the procedures for evaluating knowledge, skills and (or) experience of activity that characterize the stages of competence formation are fully developed and are available to students on the discipline page in the Telecommunications educational and information system of RUDN (<https://esystem.rudn.ru/>).

The program is compiled in accordance with the requirements of the FSES HE.

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