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**Federal State Autonomous Educational Institution of Higher Education
PEOPLES' FRIENDSHIP UNIVERSITY OF RUSSIA
NAMED AFTER PATRICE LUMUMBA
RUDN University
Institute of Medicine**

educational division (faculty/institute/academy) as higher education programme developer

COURSE SYLLABUS

POLYCLINIC THERAPY

course title

Recommended by the MSS for the direction of training/specialty:

31.05.01 General Medicine

field of studies / speciality code and title

The course instruction is implemented within the professional education programme of higher education:

General Medicine

higher education programme profile/specialisation title

1. COURSE GOAL(s)

The course "Polyclinic therapy" is included in the program of the specialty "General Medicine" in the direction 31.05.01 "General Medicine " and is studied in the 9th, 10th, 11th, 12th semesters of the 5th, 6th courses. The discipline is implemented by the Department of General Medical Practice. The discipline consists of 2 sections and 21 topics and is aimed at studying the peculiarities of the work of a medical doctor in primary health care.

The purpose of mastering the course is to provide training for doctors in the specialty "General Medicine", focused on working in primary health care.

2. REQUIREMENTS FOR LEARNING OUTCOMES

The development of the course "Polyclinic Therapy" is aimed at the formation of the following competencies (parts of competencies) in students:

Table 2.1. List of competences that students acquire through the course study

Competence code	Competence descriptor	Competence formation indicators (within this course)
GPC- 2. Healthy lifestyle	The ability to conduct and monitor the effectiveness of preventive measures, healthy lifestyle formation and sanitary and hygienic education of the population	GPC -2.1 Readiness to analyze the awareness of the population about a healthy lifestyle and medical literacy. GPC -2.2 Readiness to develop a plan of organizational and methodological measures aimed at raising awareness of the population about a healthy lifestyle, its literacy in the prevention of diseases. GPC -2.3 The ability to prepare an oral presentation or a printed text that promotes a healthy lifestyle and increases the literacy of the population in the prevention of diseases.
GPC -7. Treatment of diseases and conditions	The ability to prescribe treatment and monitor its effectiveness and safety	GPC -7.1 Knowledge of methods of general clinical examination, interpretation of the results of laboratory, instrumental diagnostic methods. GPC -7.2 Knowledge of the algorithm for making a preliminary diagnosis with subsequent referral of the patient to the appropriate specialist doctor. GPC -7.3 The ability to select drugs for the diagnosis, treatment and prevention of diseases, evaluating their effectiveness, safety and drug interactions.
PC-1	The ability to provide medical care to the patient in urgent or emergency forms	PC-1.1. The ability to assess the condition of a patient requiring medical care in emergency or emergency forms. PC-1.2. The ability to recognize conditions arising from sudden acute diseases, exacerbation of chronic diseases without obvious signs of a threat to the patient's life and requiring urgent medical care. PC-1.3. The ability 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. The ability to recognize conditions that pose a threat to the patient's life, including conditions of clinical death (stopping vital functions of the human body (blood

Competence code	Competence descriptor	Competence formation indicators (within this course)
		<p>circulation and/ or respiration) that require emergency medical care.</p> <p>PC-1.5 is the ability to provide emergency medical care to patients with conditions that pose a threat to the patient's life, including clinical death (stopping vital functions of the human body (blood circulation and/or respiration).</p> <p>PC-1.6. The ability to use medicines and medical devices when providing medical care in emergency or urgent forms.</p>
PC -2	The ability to conduct a patient examination in order to establish a diagnosis	<p>PC-2.1. Knowledge of the skills of collecting complaints, anamnesis of the patient's life and illness, as well as conducting a complete physical examination of the patient (examination, palpation, percussion, auscultation).</p> <p>PC-2.2. The ability to formulate a preliminary diagnosis and make a plan for laboratory and instrumental examinations of the patient</p> <p>PC-2.3. The ability to refer a patient for laboratory examination in the presence of medical indications in accordance with the current procedures for providing medical care, clinical recommendations (treatment protocols) on the provision of medical care, taking into account the standards of medical care.</p> <p>PC-2.4. The ability to refer a patient for an instrumental examination in the presence of medical indications in accordance with the current procedures for the provision of medical care, clinical recommendations (treatment protocols) on the provision of medical care, taking into account the standards of medical care.</p> <p>PC-2.5. The ability to refer a patient to a consultation with specialist doctors in the presence of medical indications in accordance with the current procedures for providing medical care, clinical recommendations (treatment protocols) on the provision of medical care, taking into account the standards of medical care.</p> <p>PC-2.6. The ability to refer a patient for specialized medical care in inpatient conditions or in a day hospital if there are medical indications in accordance with the current procedures for providing medical care, clinical recommendations (treatment protocols) on the provision of medical care, taking into account the standards of medical care.</p> <p>PC-2.7. The ability to carry out differential diagnosis with other diseases/conditions, including urgent ones, as well as to establish a diagnosis taking into account the current international statistical classification of diseases and health-related problems (ICD).</p>
PC -3	The ability to prescribe treatment and control its effectiveness and safety	<p>PC-3.1. The ability 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 providing medical care, clinical recommendations (treatment protocols) on the provision of medical care, taking into account the standards of medical care</p> <p>PC-3.2. The ability to prescribe medications, medical devices and medical nutrition, taking into account the diagnosis, age and clinical picture of the disease and in accordance with the</p>

Competence code	Competence descriptor	Competence formation indicators (within this course)
		<p>current procedures for providing medical care, clinical recommendations (treatment protocols) on the provision of medical care, taking into account the standards of medical care</p> <p>PC-3.3. The ability to prescribe non-drug treatment taking into account the diagnosis, age and clinical picture of the disease in accordance with the current medical care procedures, clinical recommendations (treatment protocols) on the provision of medical care taking into account the standards of medical care</p> <p>PC-3.4. The ability to assess the effectiveness and safety of the use of medicines, medical devices, therapeutic nutrition and other methods of treatment</p> <p>PC-3.5. The ability to provide palliative care when interacting with specialist doctors and other medical professionals.</p> <p>PC-3.6. The ability to organize personalized treatment of a patient, including pregnant women, elderly and senile patients, to evaluate the effectiveness and safety of treatment.</p>
PC -4	The ability to implement and control the effectiveness of the patient's medical rehabilitation, including the implementation of individual rehabilitation programs or habilitation of disabled people, assessment of the patient's ability to carry out work	<p>PC-4.1. The ability to conduct an examination of temporary disability and work as part of a medical commission carrying out an examination of temporary disability.</p> <p>PC-4.2 The ability to prepare the necessary medical documentation for the implementation of medical and social expertise in federal state institutions of medical and social expertise.</p> <p>PC-4.3. The ability to carry out measures of medical rehabilitation of the patient, including when implementing an individual rehabilitation program or habilitation of disabled people, in accordance with the current procedures for providing medical care, clinical recommendations (treatment protocols) on the provision of medical care, taking into account the standards of medical care.</p> <p>PC-4.4 The ability to refer a patient in need of medical rehabilitation to a specialist doctor for the appointment and conduct of medical rehabilitation measures, including when implementing an individual rehabilitation program or habilitation of disabled people, in accordance with the current procedures for medical care, clinical recommendations (treatment protocols) on the provision of medical care, taking into account medical standards help.</p> <p>PC-4.5. The ability to refer a patient in need of medical rehabilitation to a specialist doctor for the appointment and conduct of sanatorium treatment, including when implementing an individual rehabilitation program or habilitation of disabled people, in accordance with current medical care procedures, clinical recommendations (treatment protocols) on the provision of medical care with taking into account the standards of medical care.</p> <p>PC-4.6. The ability to assess the effectiveness and safety of the patient's medical rehabilitation measures in accordance with the current medical care procedures, clinical recommendations (treatment protocols) on the provision of</p>

Competence code	Competence descriptor	Competence formation indicators (within this course)
		<p>medical care, taking into account the standards of medical care.</p> <p>PC-4.7. The ability to refer a patient who has a persistent impairment of body functions caused by diseases, the consequences of injuries or defects to a medical and social examination.</p>
PC -5	The ability to conduct and control the effectiveness of measures for the prevention and formation of a healthy lifestyle and sanitary and hygienic education of the population	<p>PC-5.1. The ability to organize and conduct medical examinations taking into account age, health status, profession in accordance with applicable regulatory legal acts and other documents.</p> <p>PC-5.2. The ability to organize and control the immunoprophylaxis of infectious diseases in the adult population in accordance with the current procedures for providing medical care, clinical recommendations (treatment protocols) on the provision of medical care, taking into account the standards of medical care.</p> <p>PC-5.3. The ability to carry out medical examination of the adult population for the purpose of early detection of chronic non-communicable diseases and the main risk factors for their development in accordance with current regulatory legal acts and other documents.</p> <p>PC-5.4. The ability to conduct dispensary monitoring of patients with identified chronic non-communicable diseases</p> <p>PC-5.5. The ability to prescribe preventive measures to patients taking into account risk factors in accordance with current medical care procedures, clinical recommendations (treatment protocols) on the provision of medical care taking into account the standards of medical care</p> <p>PC-5.6. The ability to monitor compliance with preventive measures</p> <p>PC-5.7. The ability to determine medical indications for the introduction of restrictive measures (quarantine) and indications for referral to a specialist in the event of infectious (parasitic) diseases</p> <p>PC-5.8. The ability to issue and send to the territorial body of the Federal Service for Supervision in the Field of Consumer Rights Protection and Human Well-being an emergency notification when an infectious or occupational disease is detected.</p> <p>PK-5.9. The ability to carry out anti-epidemic measures in the event of an outbreak of infection, including quarantine measures for the detection of particularly dangerous (quarantine) infectious diseases</p> <p>PC-5.10. The ability to form healthy lifestyle programs, including programs to reduce alcohol and tobacco consumption, prevent and combat non-medical use of narcotic drugs and psychotropic substances.</p> <p>PK-5.11. The ability to evaluate the effectiveness of preventive work with patients.</p>
PC -6	The ability to maintain medical records and	PC-6.1. The ability to draw up a work plan and a report on their work, to issue a passport of a medical (therapeutic) site.

Competence code	Competence descriptor	Competence formation indicators (within this course)
	organize the activities of the secondary medical personnel at the disposal	PC-6.2. The ability to analyze the indicators of morbidity, disability and mortality to characterize the health of the attached population. PC-6.3. The ability to maintain medical records, including in electronic form. PC-6.4. The ability to monitor the performance of official duties by a district nurse and other medical workers at their disposal. PC-6.5. The ability to ensure internal quality control and safety of medical activities within the scope of job responsibilities.

3. COURSE IN HIGHER EDUCATION PROGRAMME STRUCTURE

The course refers to the core/variable/elective* component of (B1) block of the higher educational programme curriculum.

* - Underline whatever applicable.

Within the higher education programme students also master other (modules) and / or internships that contribute to the achievement of the expected learning outcomes as results of the course study.

Table 3.1. The list of the higher education programme components/disciplines that contribute to the achievement of the expected learning outcomes as the course study results

Competence code	Competence descriptor	Previous courses/modules*	Subsequent courses/modules*
GPC -2	Is able to carry out and monitor the effectiveness of preventive measures, healthy lifestyle formation and sanitary and hygienic education of the population	Hygiene	
GPC -7	Able to prescribe treatment and monitor its effectiveness and safety	Ophthalmology; Propaedeutics of internal diseases; Otorhinolaryngology; General surgery; Pharmacology; Histology, Embryology, Cytology; Normal physiology	
PC -1	Capable of providing medical care to the patient in urgent or emergency forms	Ophthalmology; Propaedeutics of internal diseases; Obstetrics and gynecology; General surgery; Faculty therapy; Faculty Surgery Neurology, medical genetics, neurosurgery;	

		<p>Emergency medicine for life-threatening conditions; Urology; Practice of diagnostic profile: assistant to a ward nurse; Practice in emergency medical manipulations (simulation center); Practice in obtaining primary professional skills and professional experience: assistant to a procedural nurse; Surgical practice: Assistant surgeon; Obstetric and gynecological practice: assistant to a gynecologist;</p>	
PC -2	Capable of conducting a patient examination in order to establish a diagnosis	<p>Medical Enzymology**; Molecular genetics in practical biology and medicine**; Ophthalmology; Propaedeutics of internal diseases; Medical Elementology; Obstetrics and Gynecology; Immunology; Otorhinolaryngology; General Surgery; Faculty Therapy; Faculty Surgery; Microbiology, Virology; Pathophysiology, clinical pathophysiology; Neurology, medical genetics, neurosurgery; Evidence-based medicine; Radiation diagnostics; Dermatovenerology; Molecular genetic methods; Pathological anatomy, clinical pathological anatomy; Urology; Surgical practice: Assistant surgeon; Obstetric and gynecological practice: Assistant gynecologist;</p>	
PC -3	Capable of prescribing treatment and monitoring its effectiveness and safety	<p>Introduction to Nutritionology**; Ophthalmology; Obstetrics and Gynecology; Otorhinolaryngology; Faculty therapy; Pharmacology; Faculty Surgery; Fundamentals of Integrative Medicine**; Neurology, medical genetics, neurosurgery; Dermatovenerology; Fundamentals of therapeutic nutrition; Clinical Trials**; Clinical studies**; Urology; Surgical practice: Assistant surgeon; Obstetric and gynecological practice: assistant to a gynecologist;</p>	
PC -4	Capable of implementing and monitoring the effectiveness of the	<p>Organization of special patient care; Faculty Therapy; Faculty Surgery; Public Health and Healthcare, Health</p>	

	patient's medical rehabilitation, including the implementation of individual rehabilitation programs or habilitation of disabled people, assessment of the patient's ability to carry out work	Economics; Medical rehabilitation; Neurology, medical genetics, neurosurgery; Surgical practice: assistant surgeon;	
PC -5	Capable of conducting and monitoring the effectiveness of measures for the prevention and formation of a healthy lifestyle and sanitary and hygienic education of the population	Introduction to Nutritionology**; Ophthalmology; Propaedeutics of internal diseases; Organization of special patient care; Obstetrics and gynecology; Epidemiology; Hygiene; neurology, medical genetics, neurosurgery; Dermatovenerology; Fundamentals of psychophysiology**; Urology;	
PC -6	Capable of maintaining medical records and organizing the activities of the nursing staff at the disposal	Ophthalmology; Propaedeutics of internal diseases; Obstetrics and Gynecology; Bioethics**; General Surgery; Faculty Therapy; Faculty Surgery; Public health and healthcare, health economics; Radiation diagnostics; Biostatistics; Urology; Introductory practice for obtaining primary professional skills: patient care (simulation center); Introductory practice for obtaining primary professional skills: patient care; Practice in obtaining primary professional skills: assistant to junior medical staff; Practice in obtaining primary professional skills and professional experience: assistant to a procedural nurse; Practice of surgical profile: assistant to a surgeon; Practice of obstetric and gynecological profile: assistant to a gynecologist;	

* To be filled in according to the competence matrix of the higher education programme.

4. COURSE WORKLOAD AND ACADEMIC ACTIVITIES

The total workload of the course “Polyclinic therapy” is 8 credits (288 academic hours).

*Table 4.1. Types of academic activities during the periods of higher education programme mastering (**full-time training**)**

Type of academic activities		Total academic hours	Semesters/training modules			
			9	10 (A)	11 (B)	12 (C)
<i>Contact work, ac.h.</i>		181	51	48	34	48
including:						
Lectures (LC)		0	0	0	0	0
Lab work (LW)		148	34	32	34	48
Seminars (workshops/tutorials) (S)		33	17	16	0	0
<i>Self-studies</i>		71	15	12	29	15
<i>Evaluation and assessment (exam/passing/failing grade)</i>		36	6	12	9	9
Total course workload	academic hours	288	72	72	72	72
	credits	8	2	2	2	2

5. COURSE CONTENTS

Table 5.1. Course contents and academic activities types

Course module title	Course module contents (topics)	Academic activities types
Section 1. Organization of work of outpatient clinics. Organization of work of the district therapist and general practitioner.	Topic 1.1. General principles of organization of work of outpatient clinics. Primary medical care for the population. Organization of work of outpatient institutions (polyclinics). Organization of the polyclinic, outpatient clinic, day hospital, general practitioner's office, and other departments in the polyclinic. Standard standards, standard of equipment.	LW, PC
	Topic 1.2. Organization of work of the district therapist and general practitioner. Dispensary observation. Preventive work. Health schools. Vaccination. Regulatory documentation. Attached population, medical area. Medical check-up. Preventive work in the primary sector. Health schools. Vaccination. The patronage department.	LW, PC
	Topic 1.3. The concept of standards (protocols) of patient management. Clinical recommendations. Evaluation of the effectiveness of treatment. Rules for the use of clinical recommendations, the search for scientific information. Evidence-based medicine in the work of outpatient doctors. Monitoring the effectiveness of treatment of patients with chronic diseases.	LW, PC
	Topic 1.4. Instrumental and laboratory methods of examination in outpatient practice. Diagnostic rooms and departments in the polyclinic. ECG, Holter monitoring, daily blood pressure monitoring. Breath tests. Assessment of the function of the visual organ. Endoscopic diagnostic methods. Radiological diagnostic	LW, PC

Course module title	Course module contents (topics)	Academic activities types
	<p>methods (ultrasound, CT, MRI, MSCT, radiography): indications for the appointment, rules of conduct. Interpretation of the results.</p> <p>Topic 1.5. General and specific issues of examination of temporary disability. Disability.</p> <p>Examination of temporary disability in the daily work of an outpatient institution. Rules for registration of electronic sick leave. Legal aspects of disability. The procedure for referral to medical- social expertise. Disability.</p>	LW, PC
<p>Section 2. Private outpatient therapy. Outpatient management of patients with various diseases and conditions. Primary and differential diagnostics, patient management tactics. Emergency care. Indications for hospitalization and post-hospital treatment. Examination of disability. Dispensary observation. Rehabilitation. Spa treatment.</p>	<p>Topic 2.1. Outpatient gastroenterology, hepatology. Dyspepsia syndrome. Poisoning.</p> <p>A patient with digestive diseases in outpatient practice. Typical complaints and anamnesis features. Features of the dyspepsia symptom depending on the type of pathology. Esophagitis, gastritis, duodenitis, enteritis, colitis. Liver diseases (alcoholic lesion, non-alcoholic fatty liver disease). Medicinal liver damage. The algorithm of actions in case of alcohol poisoning, chronic alcohol intoxication. Cholecystitis. Pancreatitis. Diseases of the colon (ulcerative colitis, Crohn's disease, polyps, neoplasms). Diseases of the operated intestine. Postcholecystectomy syndrome. Bacterial overgrowth syndrome. Irritable bowel syndrome. Disruption of the intestinal microbiota. Diagnosis, treatment, and evaluation of treatment effectiveness. Forecast. Rehabilitation.</p>	LW
	<p>Topic 2.2. Outpatient pulmonology. ARVI. Diseases of ENT organs.</p> <p>A patient with lung diseases at an outpatient appointment. Typical complaints and anamnesis features. Bronchitis. Pneumonia. Chronic obstructive pulmonary disease. Bronchial asthma. Diagnosis, treatment, evaluation of the effectiveness of treatment. Forecast. Rehabilitation. Suspected lung cancer, pulmonary tuberculosis, sarcoidosis: actions of the polyclinic doctor. Acute respiratory viral infections in outpatient practice: standard examination, treatment. Collection of complaints and examination of the ENT patient. Methods of diagnosis and treatment.</p>	LW
	<p>Topic 2.3. Outpatient neurology. Chronic pain syndrome.</p> <p>A patient with neurological diseases at an outpatient appointment. Organization of outpatient care for neurological patients. Laboratory and instrumental research methods, frequency of research, interpretation. Evaluation of the effectiveness of treatment. Differential diagnosis of ischemic stroke, hemorrhagic stroke and transient ischemic attack. Pre-hospital care, primary and secondary prevention. Outpatient management of patients after</p>	LW

Course module title	Course module contents (topics)	Academic activities types
	<p>ischemic stroke, hemorrhagic stroke and transient ischemic attack. Dyscirculatory encephalopathy (vascular dementia). Differential diagnosis and outpatient management of patients. Signs of multiple sclerosis. Signs of parkinsonism. Chronic pain syndrome (of cancerous and non-cancerous origin). Neuropathic pain (trigeminal neuralgia, phantom pain): diagnosis and specific therapy.</p>	
	<p>Topic 2.4. Outpatient nephrology. A patient with kidney disease at an outpatient appointment. Organization of outpatient nephrological care for patients. Laboratory and instrumental research methods, frequency of research, interpretation. Evaluation of the effectiveness of treatment. Outpatient treatment of nephropathies of various origins. Chronic kidney disease (CKD): stages, causes of development, nephroprotective therapy, prevention of progression. Glomerulonephritis. NSAIDs-nephropathy. Nephrotic syndrome. Nephritic syndrome. Laboratory and instrumental research methods, frequency of research, interpretation. Evaluation of the effectiveness of treatment. Indications for kidney transplantation. Pre- and postoperative management of patients. Outpatient treatment of congenital kidney diseases. Polycystic kidney disease. Laboratory and instrumental research methods, frequency of research, interpretation. Evaluation of the effectiveness of treatment.</p>	LW
	<p>Topic 2.5. Outpatient urology. A patient with urological diseases at an outpatient appointment. Organization of outpatient urological care for patients. Outpatient management of urinary tract diseases. Outpatient aspects of management of patients with diseases of the calyx-pelvic system (pyelonephritis), urolithiasis, cystitis, etc. Laboratory and instrumental research methods, frequency of research, interpretation. Evaluation of the effectiveness of treatment. Cancer screening.</p>	LW
	<p>Topic 2.6. Outpatient rheumatology. A patient with rheumatological diseases on an outpatient basis. Organization of outpatient rheumatology care for patients. Features of drug therapy in rheumatology. Outpatient management of rheumatological patients. Rheumatic heart disease. Rheumatoid arthritis. Juvenile idiopathic arthritis. Spondyloarthropathies. Osteoarthritis. Gout. Borreliosis (Lyme disease). Systemic lupus erythematosus. Systemic scleroderma. Sjogren's syndrome. Inflammatory diseases of muscles. Systemic vasculitis. Antiphospholipid syndrome. Osteoporosis. Laboratory and instrumental methods of examination of rheumatological patients at the outpatient level, frequency of treatment,</p>	LW

Course module title	Course module contents (topics)	Academic activities types
	interpretation. Evaluation of the effectiveness of treatment. Forecast.	
	<p>Topic 2.7. Outpatient cardiology. Stratification of cardiovascular risk. Primary and secondary prevention. A patient with cardiac diseases on an outpatient basis. Organization of outpatient cardiological care for patients. Features of drug therapy in cardiology. Outpatient management of cardiac patients: arterial hypertension (primary, secondary, resistant), chronic coronary syndrome, chronic heart failure, atrial fibrillation and other cardiac rhythm and conduction disorders, dyslipidemia and cardiovascular risk. Antithrombotic therapy. Management of patients with a pacemaker.</p>	LW
	<p>Topic 2.8. Prevention of arterial and venous thrombosis. An overview of diseases that increase the risk of arterial and venous thrombosis. Outpatient management of patients after joint replacement surgeries and major surgical interventions. Varicose veins and deep vein thrombosis. Thromboprophylaxis against atrial fibrillation and other cardiac arrhythmias. Antiplatelet agents, anticoagulants.</p>	LW
	<p>Topic 2.9. Anemic syndrome. Anemia syndrome in outpatient practice. The most common causes of anemia. Iron deficiency, B12- and folate deficiency anemia. Protein-deficient anemia. Anemia in chronic diseases (heart, kidney, rheumatological diseases, tuberculosis and other chronic infectious diseases). The tactics of the district physician / general practitioner.</p>	LW
	<p>Topic 2.10. Headache syndrome. Headache in outpatient practice. Tension headache. Migraine. Cluster headache. Paroxysmal hemicrania. Secondary headaches (differential diagnosis). Treatment, prevention, prognosis.</p>	LW
	<p>Topic 2.11. Abdominal pain syndrome. Abdominal pain syndrome in outpatient practice. Differential diagnosis of the causes of development. Diseases of the stomach and duodenum. Functional disorders of the gastrointestinal tract. Pain when the pancreas is affected. Pain caused by vascular damage. Reflected pain (in case of myocardial infarction). Spasmodic pain. Pain caused by damage to the nervous system. Acute abdomen and signs of peritonitis.</p>	LW
	<p>Topic 2.12. Ambulance and emergency care (classes at ambulance substations). Standards of emergency and emergency care for various diseases and conditions.</p>	LW

Course module title	Course module contents (topics)	Academic activities types
	<p>Analysis of standards for the provision of ambulance and emergency care for various diseases and conditions, work at ambulance substations as part of field teams. Flagship ambulance centers in round-the-clock hospitals.</p> <p>Organization of the work of the emergency room in the polyclinic.</p>	
	<p>Topic 2.13. Oncoprophylaxis and oncological alertness, oncoscreening in outpatient practice.</p> <p>Organization of work on cancer prevention at the outpatient level. Screening for the most common oncological diseases (radiography, computed tomography of the chest organs, esophagogastroscope, colonoscopy, mammography, prostate-specific antigen, and other cancer markers). Cancer awareness in the work of primary care physicians.</p>	LW
	<p>Topic 2.14. Tuberculosis, HIV infection and other infectious diseases in outpatient practice.</p> <p>Earlier identification and management of patients with chronic infectious diseases. Management of patients with concomitant HIV infection and viral hepatitis. Accounting for drug interactions. Medical ethics, medical secrecy. Measures to counteract segregation and discrimination against people with chronic infectious diseases.</p>	LW
	<p>Topic 2.15. Fundamentals of geriatrics and palliative medicine.</p> <p>Features of management of elderly and senile patients. Organization of the work of the patronage department of the polyclinic. Geriatric syndrome. The procedure and features of palliative care. Direction specialized institutions (hospices). Psychological and social problems in geriatrics and palliative medicine.</p>	LW
	<p>Topic 2.16. The concept of comorbidity. Principles of rational pharmacotherapy.</p> <p>A comorbid patient at an outpatient appointment. Risk factors for comorbidity. Cardiovascular comorbidity. Metabolic syndrome. Stable coronary artery disease, arterial hypertension and cerebrovascular diseases (vascular comorbidity). Rhythm disturbances hearts in comorbid patients. Psychosocial factors in diseases of the cardiovascular system. Arterial hypertension, coronary heart disease, and cognitive impairment. Comorbid</p>	LW

Course module title	Course module contents (topics)	Academic activities types
	conditions in rheumatic diseases. Adverse events associated with taking NSAIDs: prevention and treatment. Comorbid conditions in diseases of the gastrointestinal tract. Comorbid conditions in non-alcoholic fatty liver disease. Comorbid conditions in the elderly and senile. Principles of rational pharmacotherapy. Polypharm therapy for comorbid conditions. Issues of drug therapy safety control in general clinical practice. The algorithm of actions of the polyclinic doctor in case of adverse side effects.	

* - to be filled in only for full-time training: *LC* - lectures; *LW* - lab work; *S* - seminars.

6. CLASSROOM EQUIPMENT AND TECHNOLOGY SUPPORT REQUIREMENTS

Table 6.1. Classroom equipment and technology support requirements

Type of academic activities	Classroom equipment	Specialised educational / laboratory equipment, software, and materials for course study (if necessary)
Lab-work	An auditorium for laboratory work, individual consultations, routine monitoring and intermediate certification, equipped with a set of specialized furniture and equipment.	Laboratory and diagnostic equipment of the clinical bases of the department
Seminar	Auditorium for seminar-type classes, group and individual consultations, ongoing monitoring and intermediate certification, equipped with a set of specialized furniture and multimedia presentation equipment.	Laptop, video projector, software, interactive whiteboard
Self-studies	An auditorium for independent work of students (can be used for seminars and consultations), equipped with a set of specialized furniture and access to UIES.	Guarantor (Agreement No. 13A/46/2018 dated 02/04/2018) Consultant Plus (Information Support Agreement dated 01/09/2013) Reg number of the central office-03-207-7474
Auditorium at the clinical base of the department for laboratory	Auditorium for laboratory work and clinical classes, individual consultations, ongoing monitoring and intermediate certification, equipped with a set of specialized furniture and equipment	Laboratory, diagnostic and therapeutic equipment of the clinical bases of the department

Type of academic activities	Classroom equipment	Specialised educational / laboratory equipment, software, and materials for course study (if necessary)
and clinical classes		

7. RESOURCES RECOMMENDED FOR COURSE STUDY

Main readings:

1. Textbooks and teaching aids:

- 1) Larina V. N. Polyclinic therapy. textbook [Electronic resource]. Moscow : GEOTAR-Media, 2024. 648 p. ISBN 978-5-9704-8383-1 URL:
https://mega.rudn.ru/MegaPro/UserEntry?Action=Link_FindDoc&id=519396&idb=0
- 2) Pharmacotherapy of cardiovascular diseases in outpatient practice: a textbook / N. V. Sturov, A.V. Syrov, G. N. Koblyanu. Moscow : RUDN University, 2025. 93 p.
- 3) General medical practice: basic issues of polyclinic neurology : a textbook / T. I. Mansur, N. V. Sturov, V. I. Kuznetsov [et al.]. - 2nd ed., ispr. ; Electronic text data. - Moscow : RUDN University, 2021. - 101 p. https://mega.rudn.ru/MegaPro/UserEntry?Action=Link_FindDoc&id=501928&idb=0
- 4) Internal diseases: T. I. : textbook / A.I. Martynov, J.D. Kobalav, S.V. Moiseev ; Martynov A.I., Kobalav J.D., Moiseev S.V. - Moscow : GEOTAR-Media, 2023. - 784 p.
https://mega.rudn.ru/MegaPro/UserEntry?Action=Link_FindDoc&id=518361&idb=0
- 5) Internal diseases: Vol. II. : textbook / A.I. Martynov, J.D. Kobalav, S.V. Moiseev ; Martynov A.I., Kobalava J.D., Moiseev S.V. - Moscow : GEOTAR-Media, 2023. - 704 p.
https://mega.rudn.ru/MegaPro/UserEntry?Action=Link_FindDoc&id=518360&idb=0
- 6) Larina V. N. Emergency medical care. handbook [Electronic resource]. Moscow : GEOTAR-Media, 2022. 144 p. https://mega.rudn.ru/MegaPro/UserEntry?Action=Link_FindDoc&id=518432&idb=0
- 7) Chernyshev V. M., Strelchenko V. O., Mingazov I. F. Organization of the polyclinic registry. practical guide [Electronic resource]. Moscow : GEOTAR-Media, 2022. 256 p.
https://mega.rudn.ru/MegaPro/UserEntry?Action=Link_FindDoc&id=518427&idb=0

Additional readings:

1. Regulatory legal acts:
 - 1) Federal Law of the Russian Federation of November 21, 2011 N 323-FZ "On the basics of public health protection in the Russian Federation" (latest edition)
 - 2) Federal Law No. 326-FZ of November 29, 2010 "On Compulsory Medical Insurance in the Russian Federation" (latest edition)
 - 3) Federal Law No. 52-FZ of March 30, 1999 On the Sanitary and Epidemiological Welfare of the Population" (latest edition)
 - 4) Federal Law No. 152-FZ of July 27, 2006 "On Personal Data" (latest edition)
 - 5) Federal Law No. 178-FZ of 17.07.1999 "On State Social Assistance" (latest edition)

- 6) Federal Law No. 255-FZ of December 29, 2006 "On Compulsory Social Insurance in case of temporary disability and in connection with maternity" (latest edition)
- 7) Decree of the Government of the Russian Federation dated December 29, 2025 No. 2188 "On the Program of State Guarantees of free medical care to Citizens for 2026 and for the planned period of 2027 and 2028" (latest edition)
- 8) Order of the Ministry of Health of the Russian Federation dated 04/14/2025 N 202n "On approval of the Regulations on the organization of primary health care for the adult population" (latest edition)
- 9) Order of the Ministry of Health of the Russian Federation dated 05/13/2025 N 274n "On approval of unified forms of medical documentation used in medical organizations providing outpatient medical care and procedures for their management"
- 10) Order of the Ministry of Health of the Russian Federation dated 14.09.2020 N 972n "On approval of the Procedure for issuing certificates and medical reports by medical organizations"
- 11) Order of the Ministry of Health of the Russian Federation dated 31.07.2020 N 789n "On approval of the procedure and deadlines for the provision of medical documents (copies thereof) and extracts from them"
- 12) Order of the Ministry of Health of the Russian Federation dated 04/10/2025 N 180n "On approval of the Procedure for the establishment and operation of the Medical Commission of a medical organization" (latest edition)
- 13) Order of the Ministry of Health of the Russian Federation dated 03/27/2024 No. 143n "On Approval of the Classification of Natural Medicinal Resources Specified in Paragraph 2 of Article 2.1 of Federal Law No. 26-FZ dated February 23, 1995 "On Natural Medicinal Resources, Health-improving Areas and Resorts", their characteristics and the list of medical indications and Contraindications for sanatorium-resort treatment and medical rehabilitation using such natural healing resources."
- 14) Order of the Ministry of Health of the Russian Federation No. 1094n dated November 24, 2021 "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, forms of prescription forms containing the Appointment of Narcotic Drugs or Psychotropic Substances, the Procedure for their Manufacture, Distribution, Registration, Accounting and storage, as well as Rules for registration of prescription forms, including in the form of electronic documents"
- 15) Order of the Ministry of Health and Social Development of Russia dated 22.11.2004 No. 255 "On the procedure for providing primary health care to citizens entitled to receive a set of social services" (latest edition)
- 16) Order of the Ministry of Health of the Russian Federation No. 796n dated December 2, 2014 "On Approval of the Regulations on the Organization of Specialized, including High-tech, medical care" (with amendments and additions)
- 17) Order of the Ministry of Health of the Russian Federation dated June 20, 2013 No. 388n "On approval of the Procedure for providing emergency, including emergency specialized, medical care" (as amended)
- 18) Decree of the Government of the Russian Federation No. 3867-r dated 12/18/2025 "On Approval of the List of Vital and Essential Medicines for Medical use, as well as the List of Medicines Intended to provide persons with hemophilia, cystic fibrosis, pituitary nanism, Gaucher's disease, malignant neoplasms of lymphoid, hematopoietic and related tissues, multiple sclerosis, hemolytic-uremic syndrome, systemic juvenile arthritis, mucopolysaccharidosis of

types I, II and VI, aplastic anemia, unspecified, hereditary deficiency of factors II (fibrinogen), VII (labile), X (Stewart-Praver), persons after organ and (or) tissue transplantation" (latest edition)

- 19) Order of the Ministry of Health of the Russian Federation No. 404n dated April 27, 2021 "On approval of the Procedure for preventive medical examination and medical examination of certain groups of the adult population" (with amendments and additions)
- 20) Order of the Ministry of Health of the Russian Federation No. 168n dated March 15, 2022 "On approval of the procedure for conducting dispensary supervision of adults"
- 21) Order of the Ministry of Health of the Russian Federation dated 04/11/2025 N 195n "On approval The procedure for conducting an examination of temporary disability"
- 22) Order of the Ministry of Health and Social Development of the Russian Federation No. 347n dated April 26, 2011 "On approval of the form of the Disability Certificate Form".
- 23) Order of the Ministry of Health of the Russian Federation No. 1089n dated November 23, 2021 "On Approval of the Conditions and Procedure for the Formation of Disability sheets in the form of an electronic document and the Issuance of disability sheets in the form of a paper document in cases established by the Legislation of the Russian Federation"
- 24) Order of the Ministry of Labor and Social Protection of the Russian Federation and the Ministry of Health of the Russian Federation dated August 12, 2022 No. 488n/551n "On approval of the referral form for medical and social examination by a medical organization and the procedure for filling it out"
- 25) Order of the Ministry of Health of the Russian Federation dated 14.04.2025 N 203n "On approval of criteria for assessing the quality of medical care"
- 26) 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)"
- 27) 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>

2. Additional readings:

- 1) Polyclinic therapy : textbook / I. I. Chukaeva, B. Ya. Barth, V.N. Larina [et al.] ; Edited by I.I.Chukaeva, B.Ya.Barth. - M. : Knorus, 2019. - 696 p.
- 2) Differential diagnosis of internal diseases: a practical guide / edited by V.V. Shchekotov, A.I. Martynov, A.A. Spassky. Moscow : GEOTAR-Media, 2018. 928 p. https://mega.rudn.ru/MegaPro/UserEntry?Action=Link_FindDoc&id=518670&idb=0
- 3) Outpatient therapy. Standards of medical care. Quality assessment criteria. . pharmacological reference book / comp. A.I. Murtazin [Electronic resource]. Moscow : GEOTAR-Media, 2020. 624 p. https://mega.rudn.ru/MegaPro/UserEntry?Action=Link_FindDoc&id=508313&idb=0
- 4) Approximate dates of temporary disability for 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 on 08/18/2000 by the Ministry of Health of the Russian Federation and the Federal Tax Service of the Russian Federation No. 2510/9362-34 and No. 02-08/10-1977P.
- 5) Order of the Ministry of Labor of the Russian Federation dated 31.07.2020 N 475n "On approval of the professional standard "Nurse/medical brother"
- 6) Terms of isolation of patients with infectious diseases and persons in contact with them. Methodological recommendations. Approved by the Ministry of Health of the RSFSR 15.10.1980

- 7) Decree of the Government of the Russian Federation of 05.04.2022 N 588 "On the recognition of a person as a disabled person" (together with the "Rules for the recognition of a person as a disabled person")
- 8) Syrov A.V., Sturov N.V. Management of cardiological patients at the outpatient level. textbook [Electronic resource]. Moscow : RUDN University, 2025. 101 p. ISBN 978-5-209-11834-3 URL: https://mega.rudn.ru/MegaPro/UserEntry?Action=Link_FindDoc&id=519521&idb=0

Internet sources:

1. Electronic libraries (EL) of RUDN University and other institutions, to which university students have access on the basis of concluded agreements:
 - RUDN Electronic Library System (RUDN ELS) <http://mega.rudn.ru/MegaPro/Web>
 - Syrov A.V., Sturov N.V. Management of cardiological patients at the outpatient level. textbook [Electronic resource]. Moscow : RUDN University, 2025. 101 p. ISBN 978-5-209-11834-3 URL: https://mega.rudn.ru/MegaPro/UserEntry?Action=Link_FindDoc&id=519521&idb=0
 - EL "Yurayt" <http://www.biblio-online.ru>; <https://urait.ru/>
 - EL "Student Consultant" www.studentlibrary.ru
 - Scientific Electronic Library <http://elibrary.ru/defaultx.asp>
 - ELS "Znanium" <https://znanium.ru/>
2. Databases and search engines:
 - Official internet portal of legal information <http://pravo.gov.ru>
 - Consultant Plus Legal Reference system <http://www.consultant.ru/>
 - Garant legal reference system <https://base.garant.ru/>
 - Website of the Ministry of Health of the Russian Federation/ Orders of the Ministry of Health of the Russian Federation on the approval of procedures, standards of medical care and clinical recommendations / <https://minzdrav.gov.ru/documents>
 - Rubricator of clinical recommendations of the Ministry of Health of Russia <https://cr.minzdrav.gov.ru/>
 - Sage <https://journals.sagepub.com/>
 - Springer Nature Link <https://link.springer.com/>
 - Wiley Journal Database <https://onlinelibrary.wiley.com/>
 - Scientometric database Lens.org <https://www.lens.org>

Educational and methodological guidelines for student's self-studies of the discipline/ module:*

1. A course of lectures on the discipline "Polyclinic Therapy".
2. Laboratory workshop on the discipline " Polyclinic Therapy ".
3. Methodological guidelines for the implementation and design of course work on the discipline "Polyclinic Therapy".

* The training toolkit and guidelines for the student's self-studies are placed on the discipline page in the university telecommunication training and information system under the set procedure.

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