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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

Faculty Therapy

course title

Recommended by the Didactic Council for the Education Field of:

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

2026

1. COURSE GOAL(s)

Discipline Faculty "therapy" is included V program specialty "Medical business" By direction May 31, 2001 "Healing case" And is being studied V 7, 8 semesters 4 course. The discipline is implemented by the Department of Internal Medicine with a course in cardiology and functional diagnostics name academican V.S. Moiseeva. Discipline consists of from 7 sections and 29 topics and is aimed at studying the issues of etiology, pathogenesis, clinical manifestations and complications of the main nosological forms in the clinic of internal diseases. The goal development disciplines is formation competencies at students in methodology constructions diagnosis, production correct approaches To treatment diseases therapeutic profile.

2. REQUIREMENTS FOR LEARNING OUTCOMES

Mastering the course (module) “Faculty Therapy” is aimed at the development of the following competences /competences in part: PC-1, PC-2, PC-3 PC-4, PC-6

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

Competence code	Competence descriptor	Competence formation indicators (within this course)
PC- 1	Capable of providing medical care help to a patient in urgent or emergency situations	PC-1.1 Able to assess the condition of a patient requiring medical assistance medical help V urgent or emergency forms; PC-1.2 is capable of recognizing conditions that arise from sudden acute illnesses and exacerbations of chronic diseases. without obvious signs threats life patient and requiring urgent medical care ; PC-1.3 Capable provide medical help V in emergency cases for patients with sudden acute illnesses, conditions, exacerbation of chronic diseases without obvious signs of a threat to the patient’s life; PC-1.4 Capable recognize states, posing a threat patient's life, including states of clinical death (stop vital important functions of the human body (circulation and/or respiration) requiring emergency medical care; PC-1.5 Capable provide medical help V in an emergency form to patients in conditions that pose a threat to the patient's life, in including clinical death (stopping of vital functions of the human body (blood circulation and/or respiration); PC-1.6 Able to use medicinal products and devices medical appointments at provision medical care in emergency or urgent forms;
PC- 2	Capable of conducting examination patient With the purpose of establishing a diagnosis	PC-2.1 Owns skills collection complaints, history of the patient's life and illness, as well as conducting a complete physical examinations patient (inspection, palpation, percussion, auscultation); PC-2.2 Capable formulate preliminary diagnosis and draw up a plan for laboratory and instrumental examinations of the patient; PC-2.3 Capable direct patient on laboratory examination if there are medical indications in accordance with the current procedures for the provision of medical care help, clinical recommendations (protocols treatment) By questions rendering medical

Competence code	Competence descriptor	Competence formation indicators (within this course)
		<p>help With taking into account standards medical help; PC-2.4 Capable direct patient on instrumental examination in the presence of medical indications in accordance with the current procedures for the provision of medical care, clinical recommendations (protocols) treatment) By questions rendering medical care taking into account the standards of medical care; PC-2.5 is able to refer the patient for consultation with specialist doctors at availability medical testimony in accordance with the current procedures for the provision of medical care, clinical recommendations (treatment protocols) on issues of providing medical care, taking into account the standards of medical care; PC-2.6 Able to refer a patient for specialized medical care in an inpatient setting or in a day hospital setting if there are medical indications in accordance with current procedures for the provision of medical care and clinical guidelines (protocols treatment) By questions provision of medical care taking into account the standards of medical care; PC-2.7 Capable conduct differential diagnostics with other diseases/conditions, including emergency ones, and also to establish a diagnosis taking into account the current international statistical classifications diseases And problems, related with health (ICD);</p>
PC- 3	Capable To appointment treatment and control of its effectiveness and safety	<p>PC-3.1 Able to develop a treatment plan for a disease or condition With taking into account diagnosis, age And clinical pictures in accordance with the current procedures for the provision of medical care, clinical recommendations (treatment protocols) on issues of providing medical care, taking into account the standards of medical care; PC-3.2 Capable of prescribing medications, medical products And medicinal nutrition With taking into account diagnosis, age and clinical picture of the disease and in accordance with the current procedures for the provision of medical care, clinical recommendations (treatment protocols) on issues rendering medical help With taking into account standards of medical care; PC-3.3 Able to prescribe non-drug treatment taking into account diagnosis, age And clinical paintings diseases in accordance with the current procedures for the provision of medical care, clinical recommendations (treatment protocols) on issues of providing medical care, taking into account the standards of medical care; PC-3.4 Capable of assessing the effectiveness and safety of use medicinal drugs, medical products, therapeutic nutrition and other treatment methods; PC-3.5 Capable provide palliative medical assistance in interaction with medical specialists and other healthcare workers; PC-3.6 Capable organize personalized treatment of the patient, including pregnant women, elderly and senile patients, to evaluate the effectiveness and safety treatment;</p>
PC- 4	Capable of implementing and monitoring the effectiveness of medical rehabilitation of a patient, including implementation individual programs rehabilitation or	<p>PC-4.1 Capable of conducting an examination of temporary disability And work V composition medical commission carrying out the examination of temporary disability; PC-4.2 Able to prepare the necessary medical documentation for the implementation of medical and social examination V federal state institutions</p>

Competence code	Competence descriptor	Competence formation indicators (within this course)
	habilitation disabled people, assessment of the patient's ability to perform work activities	<p>medical and social expertise;</p> <p>PC-4.3 Capable of carrying out medical rehabilitation measures for a patient, including when implementing an individual rehabilitation or habilitation program for disabled people, in accordance with current procedures for the provision of medical care and clinical guidelines (protocols treatment) By questions provision of medical care taking into account the standards of medical care;</p> <p>PC-4.4 Is able to refer a patient in need of medical rehabilitation to a specialist doctor for the appointment and implementation of medical rehabilitation measures, V volume number at implementation an individual rehabilitation or habilitation program for disabled people, in accordance with the current procedures for providing medical care, clinical guidelines (protocols) treatment) on issues of provision medical care taking into account the standards of medical care;</p> <p>PC-4.5 Is able to refer a patient in need of medical rehabilitation to a specialist doctor for the appointment And conducting sanatorium-resort treatment, V including when implementing an individual rehabilitation or habilitation program for disabled people, in accordance with 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-4.6 Able to evaluate the effectiveness and safety of medical rehabilitation measures for a patient in accordance with current procedures for providing medical care, clinical guidelines (protocols) treatment) By questions rendering medical care taking into account the standards of medical care;</p> <p>PC-4.7 Able to refer a patient with a persistent disorder functions organism, conditioned diseases, consequences of injuries or defects, on medical and social examinations;</p>
PC- 6	Capable of maintaining medical records and organizing the activities of those located V at the disposal of mid-level medical personnel	<p>PC-6.1 Capable make a plan work And report O to your work, design passport medical (therapeutic) area;</p> <p>PC-6.3 Capable lead medical documentation, V including in electronic form;</p> <p>PC-6.4 Capable of monitoring the performance of job responsibilities responsibilities medical sister district police officer and other medical workers at their disposal ;</p>

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*
PC-1	Capable of providing medical care to a patient in urgent or emergency situations	Propaedeutics of internal diseases; General surgery; Diagnostic profile practice: assistant ward nurse; Practice in emergency medical manipulations (simulation center); Practice in obtaining primary professional skills and experience of professional activity: assistant procedural nurse;	Emergency conditions; Disaster medicine; Obstetrics and gynecology; Infectious diseases; Pediatrics; Endocrinology; Outpatient therapy; Anesthesiology, resuscitation, intensive care; Hospital surgery, pediatric surgery; Oncology, radiation therapy; Traumatology, orthopedics; Hospital therapy; Endoscopic urology; Allergology; Assistant physician of the therapeutic profile: assistant physician; Obstetric and gynecological practice: assistant physician obstetrician; General medical practice: assistant physician pediatrician;
PC-2	Able to prescribe treatment and monitor its effectiveness and safety	Medical enzymology**; Molecular genetics in practical biology and medicine**; Propaedeutics of internal diseases; Medical elementology ; Immunology; General surgery; Microbiology, virology; Pathophysiology, clinical pathophysiology; Radiation diagnostics; Pathological anatomy, clinical pathological anatomy;	Telemedicine; General medical skills; Emergency conditions; Obstetrics and gynecology; Infectious diseases; Pediatrics; Maxillofacial surgery; Sectional course; Occupational diseases; Endocrinology; Psychiatry, medical psychology; Phthisiology; Outpatient therapy; Anesthesiology, resuscitation, intensive care; Hospital surgery, pediatric surgery; Oncology, radiation therapy; Traumatology, orthopedics; Reproductive health; Clinical dentistry; Current issues neonatology**; Topical

			<p>Issues of Neonatology **; Cardiology in quests; Methods of microbiological diagnostics; Hospital therapy; Endoscopic urology; Allergology; Assistant to a physician of the therapeutic profile: assistant to a physician of the general practitioner; Practice of the general practitioner profile: assistant to a physician of an outpatient polyclinic institution; Practice of the obstetric and gynecological profile: assistant to an obstetrician; Practice of the general practitioner profile: assistant to a pediatrician;</p>
PC- 3	Capable of prescribing treatment and monitoring its effectiveness and safety	<p>Introduction to Nutrition**; Pharmacology; Fundamentals of Integrative Medicine**; Clinical Trials **; Clinical studies**;</p>	<p>Telemedicine; Outpatient cardiology**; Fundamentals of pediatric nutrition**; Obstetrics and gynecology; Infectious diseases; Clinical pharmacology; Pediatrics; Maxillofacial surgery; Occupational diseases; Endocrinology; Psychiatry, medical psychology; Phthisiology; Outpatient therapy; Hospital surgery, pediatric surgery; Oncology, radiation therapy; Traumatology, orthopedics; Reproductive health; Current issues in neonatology**; Topical Issues of Neonatology **; Experimental oncology; Cardiology in quests; Geriatrics and palliative medicine; Hospital therapy; Endoscopic urology; Allergology; Assistant physician of the therapeutic</p>

			profile:
PC-6	Capable of maintaining medical records and organizing the activities of the mid-level medical personnel at their disposal	Propaedeutics of Internal Diseases; Bioethics**; General Surgery; Public Health and Healthcare, Healthcare Economics; Radiation Diagnostics; Biostatistics ; Introductory practice to obtain primary professional skills and abilities: patient care (simulation center); Introductory practice to obtain primary professional skills and abilities: patient care; Practice to obtain primary professional skills and abilities: assistant to junior medical personnel; Practice to obtain primary professional skills and experience of professional activity: assistant to a procedural nurse;	Telemedicine; Obstetrics and Gynecology; Infectious Diseases; Pediatrics; Forensic Medicine; Outpatient Therapy; Anesthesiology, Resuscitation, Intensive Care; Hospital Surgery, Pediatric Surgery; Oncology, Radiation Therapy; Modern Methods of Medical Statistics; Hospital Therapy; Endoscopic Urology; Allergology; Assistant to a Physician of a Therapeutic Profile: Assistant to a Therapist; General Medical Practice: Assistant to a Physician of an Outpatient Clinic; Obstetric and Gynecological Practice: Assistant to an Obstetrician;
PC-4	Capable of implementing and monitoring the effectiveness of medical rehabilitation of a patient, including the implementation of individual rehabilitation or habilitation programs for disabled people, assessing the patient's ability to perform work activities	Organization of special care for the sick; Public health and healthcare, health economics;	Temporary disability examination**; Occupational diseases; Endocrinology; Forensic medicine; Outpatient therapy; Hospital surgery, pediatric surgery; Traumatology, orthopedics; Hospital therapy; General medical practice: assistant physician of an outpatient clinic;

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

COURSE WORKLOAD AND ACADEMIC ACTIVITIES

The total workload of the course “Faculty 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	
		7	8

Classroom lessons (total)		165	90	75
<i>Lectures (LC)</i>		33	18	15
<i>Laboratory work (LW)</i>		132	72	60
Seminars (workshops/tutorials) (S)		0	0	0
<i>Self-studies</i>		78	63	15
<i>Evaluation and assessment (exam/passing/failing grade)</i>		45	27	18
Course workload	academic hours	288	180	108
	credits	8	5	3

* To be filled in regarding the higher education programme correspondence training mode.

Course module title	Course module contents (topics)	Academic activities types
Chapter 1 Diseases respiratory organs	1.1 Pneumonia. Pleurisy. Differential diagnosis. Tuberculosis. Cancer lungs. Antibiotic therapy.	LC, LW
	1.2 COPD Respiratory failure. Pulmonary hypertension. Chronic pulmonary heart. Treatment.	LC, LW
	1.3 Bronchial asthma. Asthmatic attack. Diagnostics. Treatment.	LC, LW
Chapter 2 Diseases circulatory organs	2.1 IHD. Factors risk. Stable angina pectoris. Diagnostics. Treatment. Violation rhythm And conductivity.	LC, LW
	2.2 Spicy coronary syndrome. Infarction myocardium Typical And atypical forms. Diagnostics, treatment, complications.	LC, LW
	2.3 Arterial hypertension. Classification. Primary And secondary AG. Diagnostics. Treatment.	LC, LW
	2.4 Rheumatism. Vices hearts. Pericarditis. Main manifestations. Diagnostics. Treatment.	LC, LW
	2.5 Infectious endocarditis. Peculiarities currents modern IE. Aortic vices hearts.	LC, LW
	2.6 Cardiomyopathy. Cardiac failure. Diagnostics. Treatment.	LC, LW

Chapter 3 Kidney disease	3.1 Acute kidney injury and chronic kidney disease Classification, forms, methods diagnostics, therapy, prevention.	LC, LW
	3.2 Glomerulonephritis. Pyelonephritis. Amyloidosis. Classification, therapy, substitution renal therapy.	LC, LW
Chapter 4 Endocrine diseases systems	4.1 Sugar diabetes Diagnostics. Treatment.	LC, LW
	4.2 Diseases thyroid glands. Diffuse toxic goiter, thyroiditis , hypothyroidism. Diagnostics. Treatment.	LC, LW
Chapter 5 Gastrointest inal diseases intestinal tract And liver	5.1 Diseases esophagus, stomach And duodenum Diagnostics. Treatment.	LC, LW
	5.2 Diseases thin Diagnostics. Treatment. intestines. Syndrome malabsorption	LC, LW
Chapter 6 Joint diseases	5.3 Diseases thick intestines Diagnostics. Treatment.	LC, LW
Chapter 6 Joint diseases Chapter 6 Joint diseases Chapter 7 Blood diseases	5.4 Hepatitis Diagnostics. Treatment.	LC, LW
	5.5 Cirrhosis. Alcoholic disease Diagnostics. Treatment.	LC, LW
	6.1 Rheumatoid arthritis Diagnostics. Treatment.	LC, LW
	6.2 Osteoarthritis Diagnostics. Treatment.	LC, LW
Chapter 6 Joint diseases Chapter 7 Blood diseases Chapter 7 Blood diseases	6.3 Gout Diagnostics. Treatment.	LC, LW
	6.4 Ankylosing spondylitis Diagnostics. Treatment.	LC, LW
	7.1 Iron deficiency anemia. Diagnostics. Treatment.	LC, LW
	7.2 Megaloblastic anemia. Diagnostics. Treatment.	LC, LW

Chapter 7 Blood diseases	Hemolytic anemia Diagnostics. Treatment.	7.3	LC, LW
	Hemoglobinopathies Diagnostics. Treatment.	7.4	LC, LW
	Sharp leUCemia Diagnostics. Treatment.	7.5	LC, LW
	Chronic Chronic myeloid leUCemia lymphocytic leUCemia Diagnostics. Treatment.	7.6	LC, LW
	Lymphogranulomatosis. Myeloma disease Diagnostics. Treatment.	7.7	LC, LW

* - 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)
Lecture	An auditorium for conducting lecture-type classes, equipped with a set specialized furniture; board (screen) and technical means multimedia presentations.	Multimedia projector, laptop, handouts in the form of tests, methodological publications
Lab-work	Audience For conducting laboratory work, individual consultations, ongoing monitoring and midterm certification, equipped with a set of specialized furniture and equipment.	Therapeutic equipment clinics, simulation mannequins. Devices: ECHO-CG, ECG, fibroscan . Interactive boards.
Self-studies	A classroom for independent work of students (Maybe be used for conducting seminars and consultations), equipped with a set of specialized furniture and computers With access in EIS.	Products Microsoft (OS, office suite, incl. MSOffice / Office 365), laptops.

An auditorium at the department's clinical site for laboratory work and clinical classes	Audience For conducting laboratory work and clinical sessions, individual consultations, current control and intermediate certifications, equipped a set of specialized furniture and equipment	Laboratory, diagnostic and therapeutic equipment for clinical bases departments
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* - audience For independent work students indicated **NECESSARILY** !

RESOURCES RECOMMENDED FOR COURSE STUDY

Main readings:

Martynov AI, Kobalava ZD, Moiseev SV Internal Diseases. Volume II. textbook - M.: GEOTAR - Media, 2022. 616 p.

https://mega.rudn.ru/MegaPro/UserEntry?Action=Link_FindDoc&id=519302&idb=0

Additional readings

1. J. Thomas. Oxford handbook of clinical examination and practical skills.
2. [Michael Glynn MA MD FRCP FHEA](#), [William M Drake DM FRCP](#). Hutchison's Clinical Methods: An Integrated Approach to Clinical Practice 24th Edition.
3. Longo D., Fauci AS, Kasper DL, Hauser SL, Larry JJ, Loscalzo J., eds. Harrison's Principles of internal medicine. 22nd ed. New York: McGraw Hill Medical; 2022.

Resources information and telecommunications networks "Internet":

1. EBS RUDN University And third parties EBS, To which students university have access

on basis prisoners contracts

- Electronic library system RUDN University - EBS RUDN University

<https://mega.rudn.ru/MegaPro/Web>

- EBS "University library online» <http://www.biblioclub.ru>

- EBS Yurait <http://www.biblio-online.ru>

- EBS "Consultant student" www.studentlibrary.ru

- EBS Znanium <https://znanium.ru/>

2. Bases data And search engines

- Sage <https://journals.sagepub.com/>

- Springer Nature Link <https://link.springer.com/>

- Wiley Journal Database <https://onlinelibrary.wiley.com/>

- Scientometric base data Lens.org <https://www.lens.org>

Educational and methodological materials For independent work students at development discipline/module:*

1. Well lectures By discipline Faculty Therapy.

* - all educational and methodological materials for independent work of students are posted V in accordance With current in order on page disciplines **in TUIS** !

DEVELOPERS:

Associate professor of the Department of
Internal Medicine

Goreva L.A.

position, department

signature

name and surname

HEAD OF EDUCATIONAL DEPARTMENT:

of Internal Medicine with a

course of cardiology and

functional diagnostics

Zh. D. Kobalava

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name and surname

HEAD

OF HIGHER EDUCATION PROGRAMME:

Deputy Director of Institute of
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N.V. Sturov

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