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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**

**Hospital 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

## 1. COURSE GOAL(s)

The discipline "Hospital therapy" is included in the program of the specialty "Medicine" in the direction 31.05.01 "Medicine" and is studied in the 9th, 10th, 11th, 12th semesters of the 5th, 6th courses. The discipline is implemented by the Department of Hospital Therapy with courses Endocrinology, Hematology and Clinical Laboratory Diagnostic. The discipline consists of 7 sections and 39 topics and is aimed at studying the stages of differential diagnosis – determination of the leading syndrome based on patient complaints, collection of anamnesis of the disease and life, physical examination data, formulation of a preliminary diagnosis, identification of a nosology's group with a similar syndrome complex, drawing up a plan for laboratory and instrumental examinations of the patient, determining indications for laboratory, instrumental examinations of the patient, consultations by specialist doctors, determination of indications for hospitalization in accordance with the standards of medical care in order to establish a clinical diagnosis and develop a treatment plan in accordance with clinical recommendations.

Goal of the course to acquire basic theoretical knowledge in this discipline, the ability to correctly diagnose, make a differential diagnosis with similar diseases, determine the clinical prognosis of a particular patient, know modern methods of examination, treatment and prevention.

## 2. REQUIREMENTS FOR LEARNING OUTCOMES:

Mastering the course (module) "Hospital 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	Being able to provide emergency or urgent medical care to a patient	<p>PC-1.1. Being able to assess the condition of a patient who needs emergency or urgent medical care.</p> <p>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.</p> <p>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.</p> <p>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.</p> <p>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).</p> <p>PC-1.6. Being able to use drugs and medical devices when providing medical care in emergency or urgent forms.</p>
		<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,</p>

PC-2	Being able to examine a patient in order to determine a diagnosis	<p>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	Capable of implementing and monitoring the effectiveness of the patient's medical rehabilitation, including in the implementation of individual rehabilitation or habilitation programs for the disabled, assessing the patient's ability to carry out work activities	<p>PC-4.1 Be able to perform the examination of temporary disability and work as part of a medical commission carrying out an examination of temporary disability;</p>
PC-6	Capable of maintaining medical records and organizing the activities of the nursing staff at his disposal	<p>PC-6.3 Be able to keep medical records, including in electronic form;</p> <p>PC-6.4 Be able to monitor the performance of official duties by a district nurse and other medical workers at their disposal;</p> <p>PC -6.5 Be able to provide internal quality control and safety of medical activities within the scope of official duties;</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	The ability to provide 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 Emergency medicine for life-threatening conditions; Urology Practice of diagnostic profile: assistant ward nurse; Practice of emergency medical manipulations (simulation center); Practice in obtaining primary professional skills and professional experience: assistant to a procedural nurse; Practice of a surgical profile: assistant to a surgeon; <b>Obstetric and gynecological practice: assistant to a gynecologist;</b>	
PC-2	The ability to conduct an examination of the patient in order to establish a diagnosis.	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; Anatomical pathology Anatomical clinical Pathological; Urology; Practice of a surgical profile: assistant to a surgeon; Practice of Obstetric and gynecological assistant to a gynecologist;	
		Introduction to Nutritionology**; Ophthalmology; Obstetrics and Gynecology; Otorhinolaryngology; Faculty Therapy; Pharmacology; Faculty Surgery;	

PC-3	The ability to prescribe treatment and control its effectiveness and safety.	Fundamentals of Integrative Medicine**; Neurology, Medical genetics, Neurosurgery; Dermatovenerology; Fundamentals of therapeutic nutrition; Clinical Trials**; Clinical studies**; Urology; Practice of a surgical profile: assistant to a surgeon; Practice of Obstetric and gynecological assistant to a gynecologist;	
PC-6	He is capable of maintaining medical records and organizing the activities of the nursing staff at his 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 for obtaining primary professional skills: assistant to the junior medical staff; Practice in obtaining primary professional skills and professional experience: assistant to a procedural nurse; Practice of a surgical profile: assistant to a surgeon; Obstetric and gynecological practice: assistant to a gynecologist;	
PC-4	Capable of implementing and monitoring the effectiveness of the patient's medical rehabilitation, including in the implementation of individual rehabilitation or habilitation programs for the disabled, assessing the patient's ability to carry out work activities	Organization of special patient care; Faculty therapy; Faculty surgery; Public health and healthcare, health economics; Medical rehabilitation; Neurology, medical genetics, neurosurgery; Surgical practice: assistant surgeon;	

\* 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 “Hospital Therapy” is 10 credits (360 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	11	12
<i>Contact academic hours</i>	262	51	80	51	80
including:					
Lectures (LC)	0	0	0	0	0
Lab work (LW)	262	51	80	51	80

Type of academic activities		Total academic hours	Semesters/training modules			
			9	10	11	12
Seminars (workshops/tutorials) (S)		0	0	0	0	0
<i>Self-studies</i>		59	15	10	15	19
<i>Evaluation and assessment (exam/passing/failing grade)</i>		39	6	18	6	9
<i>Course total workload</i>	<i>Academic hours</i>	<b>360</b>	<b>72</b>	<b>108</b>	<b>72</b>	<b>108</b>
	<i>credits</i>	<b>10</b>	<b>2</b>	<b>3</b>	<b>2</b>	<b>3</b>

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

## 5. COURSE CONTENTS

Table 5.1. Course contents and academic activities types

Course module title		Course module contents (topics)	Academic activities types
<b>Section 1.</b>	Diseases of the circulatory system.	<b>1.1</b> Differential diagnosis of secondary (symptomatic) hypertension. Essential hypertension.	LW
		<b>1.2</b> Differential diagnosis of acute coronary syndrome with ST elevation and without elevation. Differential diagnosis of myocardial infarction, complications of myocardial infarction.	LW
		<b>1.3</b> Stable ischemic heart disease, chronic coronary syndromes, etiology, pathogenesis, clinic, assessment of the pre-test probability of coronary heart disease, laboratory, instrumental examination methods, specific methods of diagnosis of coronary heart disease depending on pre-test probability. Invasive methods of examination of stable coronary artery disease. Treatment. Differential diagnosis of coronarogenic and non-coronarogenic cardialgias.	LW
		<b>1.4</b> Differential diagnosis of heart rhythm and cardiac conduction.	LW
		<b>1.5</b> Differential diagnosis of acquired heart defects, clinical picture, treatment, indications for surgical treatment.	LW
		<b>1.6</b> Differential diagnosis for pericarditis,	LW
		<b>1.7</b> Differential diagnosis for myocarditis, cardiomyopathies (hypertrophic, dilated, restrictive).	LW
		<b>1.8</b> Differential diagnosis for infective endocarditis.	LW
		<b>1.9</b> Acute and chronic heart failure, clinical presentation, differential diagnosis, treatment.	LW
		<b>1.10</b> Atherosclerosis and dyslipidemia	LW

<b>Section 2.</b> Diseases of the respiratory system.	<b>2.1</b> Differential diagnosis for interstitial and infiltrative lung diseases.	<b>LW</b>
	<b>2.2</b> Acute bronchitis and chronic obstructive pulmonary disease, bronchial asthma: clinical picture, differential diagnosis, treatment.	<b>LW</b>
	<b>2.3</b> Differential diagnosis for lesions of the pleura, mediastinum, and diaphragm. Differential diagnosis of pleural effusion.	<b>LW</b>
	<b>2.4</b> Differential diagnosis of primary and secondary pulmonary hypertension, diagnosis and treatment in a hospital. Acute and chronic pulmonary heart, differential diagnosis. Differential diagnosis of PE.	<b>LW</b>
	<b>2.5</b> Acute and chronic respiratory failure, differential diagnosis, treatment. Differential diagnosis of acute respiratory distress syndrome. Sleep apnea syndrome.	<b>LW</b>
<b>Section 3.</b> Kidney diseases	<b>3.1</b> Differential diagnosis of pyelonephritis with other infectious and inflammatory diseases.	<b>LW</b>
	<b>3.2</b> Differential diagnosis of acute and chronic glomerulonephritis. Differential diagnosis of tubulointerstitial nephropathies.	<b>LW</b>
	<b>3.3</b> Differential diagnosis of nephropathy.	<b>LW</b>
	<b>3.4</b> Differential diagnosis for acute kidney injury and chronic kidney disease (CKD).	<b>LW</b>
<b>Section 4.</b> Diseases of blood system	<b>4.1</b> Acute leukemia - clinical picture, differential diagnosis, treatment.	<b>LW</b>
	<b>4.2</b> Chronic myeloproliferative diseases - clinical picture, differential diagnosis, treatment.	<b>LW</b>
	<b>4.3</b> Chronic lymphoproliferative diseases, Hodgkin's lymphoma - clinical picture, differential diagnosis, treatment.	<b>LW</b>
	<b>4.4</b> Paraproteinemic hemoblastosis - clinical picture, differential diagnosis, treatment.	<b>LW</b>
	<b>4.5</b> Hyperchromic macrocytic anemia: megaloblastic anemia, myelodysplastic syndromes – clinic, differential diagnosis, treatment.	<b>LW</b>
	<b>4.6</b> Hypochromic microcytic anemia: iron deficiency anemia, anemia of chronic disease, thalassemia, sideroachrestic anemia - clinic, differential diagnosis, treatment.	<b>LW</b>
	<b>4.7</b> Normochromic normocytic anemia: posthemorrhagic anemia, hereditary and acquired hemolytic anemia, anemia with impaired	

	erythrocyte production - clinic, differential diagnosis, treatment.	
	<b>4.8</b> Physiology and pathology of hemostasis: hemorrhagic diathesis, thrombophilia - clinic, differential diagnosis, treatment.	<b>LW</b>
<b>Section 5.</b> Diseases of the joints, systemic diseases of the connective tissue.	<b>5.1</b> Differential diagnosis of arthropathies. Rheumatoid arthritis. Etiology, pathogenesis, clinical picture, diagnosis, differential diagnosis, treatment.	<b>LW</b>
	<b>5.2</b> Systemic connective tissue diseases. Systemic lupus erythematosus, dermatomyositis, systemic scleroderma. Etiology, pathogenesis, clinical picture, diagnosis, differential diagnosis, treatment.	<b>LW</b>
	<b>5.3</b> Differential diagnosis for systemic vasculitis. Separate forms of systemic vasculitis. Definition, clinic, diagnosis, differential diagnosis. General principles and methods of treatment of systemic vasculitis.	<b>LW</b>
<b>Section 6.</b> Diseases of the digestive system.	<b>6.1</b> Differential diagnosis of diseases of the esophagus.	<b>LW</b>
	<b>6.2</b> Differential diagnosis for symptoms of diseases of the stomach and duodenum.	<b>LW</b>
	<b>6.3</b> Differential diagnosis for symptoms of diseases of the small and large intestines, the syndrome of impaired digestion (maldigestion) and the syndrome of impaired absorption (malabsorption).	<b>LW</b>
	<b>6.4</b> Differential diagnosis for diseases of the gallbladder and bile ducts.	<b>LW</b>
	<b>6.5</b> Differential diagnosis for diffuse liver lesions	<b>LW</b>
	<b>6.6</b> Differential diagnosis for jaundice and focal liver lesions.	<b>LW</b>
	<b>6.7</b> Differential diagnosis in liver cirrhosis, ascites, portal hypertension, encephalopathy, spontaneous bacterial peritonitis, hepatorenal syndrome.	<b>LW</b>
	<b>6.8</b> Differential diagnosis for diseases of the pancreas.	<b>LW</b>
<b>Section 7.</b> Clinical laboratory diagnostics	<b>7.1</b> Clinical laboratory diagnostics – definition and basic concepts. Trends in the development of clinical laboratory diagnostics, centralization of laboratory research, research at the place of biomaterial collection (point-of-care). The stages of laboratory research – preanalytical, analytical and	<b>LW</b>

	<p>postanalytical.  Quality control of laboratory tests.  Variation of laboratory results. The concept of reference intervals.  Critical (coefficient of critical difference) and threshold values of laboratory parameters.  Clinical blood analysis – indicators and their diagnostic significance.  General urinalysis – indicators and their diagnostic significance.  Biochemical profile – indicators and their diagnostic value.  Coagulogram – indicators and their diagnostic value.</p>	
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\* - 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*

<b>Type of academic activities</b>	<b>Classroom equipment</b>	<b>Specialised educational / laboratory equipment, software, and materials for course study</b>  (if necessary)
Lecture	An auditorium for conducting lecture-type classes, equipped with a set of specialized furniture; a board (screen) and technical means of multimedia presentations.and technical means of multimedia presentations.	A set of specialized furniture; magnetic marker board, Cactus Motoscreen screen; technical equipment: laptops - Lenovo, Asus; HP; multimedia projectors - NEC, Epson EV-HOZ; Acer X113P; Optoma DH351 DLP; there is Internet access. Software: Microsoft products (OS, office suite, including MS Office/ Office 365, Skype): Yandex 360 (Yandex Telemost).
Computer lab	A computer classroom for conducting classes, group and individual consultations, ongoing monitoring and intermediate certification, equipped with personal computers (in the amount of 8 pcs.), a blackboard (screen) and multimedia presentation equipment.	A set of specialized furniture; magnetic marker board, Cactus Motoscreen screen; technical equipment: laptops - Lenovo, Asus; HP; multimedia projectors - NEC, Epson EV-HOZ; Acer X113P; Optoma DH351 DLP; there is Internet access. Software: Microsoft products (OS, office suite, including MS Office/ Office 365, Skype): Yandex 360 (Yandex Telemost).

Seminar	Auditorium for conducting seminar-type classes, group and individual consultations, ongoing monitoring and interim certification, equipped with a set of specialized furniture and multimedia presentation equipment.	A set of specialized furniture; magnetic marker board, Cactus Motoscreen screen; technical equipment: laptops - Lenovo, Asus; HP; multimedia projectors - NEC, Epson EV-HOZ; Acer X113P; Optoma DH351 DLP; there is Internet access. Software: Microsoft products (OS, office suite, including MS Office/ Office 365, Skype): Yandex 360 (Yandex Telemost).
For independent work of students	An auditorium for independent work of students (can be used for seminars and consultations), equipped with a set of specialized furniture and computers with stable wireless Internet connection with access to the EIOS.	A set of specialized furniture; magnetic marker board, Cactus Motoscreen screen; technical equipment: laptops - Lenovo, Asus;HP; multimedia projectors - NEC, Epson EV-HOZ; Acer X113P; Optoma DH351 DLP; there is Internet access. Software: Microsoft products (OS, office application package, including MS Office/ Office 365

\* - the audience for independent work of students is MANDATORY!

## 7. RESOURCES RECOMMENDED FOR COURSE STUDY

### *Main readings:*

1. Internal diseases : textbook in 2 volumes. Vol. 1 / edited by A.I. Martynov, J.D. Kobalava, S.V. Moiseev. - 4th ed., reprint; Electronic text data. - Moscow : GEOTAR-Media, 2023. - 784 p. URL:  
[https://lib.rudn.ru/MegaPro/UserEntry?Action=Link\\_FindDoc&id=508350&idb=0](https://lib.rudn.ru/MegaPro/UserEntry?Action=Link_FindDoc&id=508350&idb=0)
2. Internal diseases : textbook in 2 volumes. Vol. 2 / edited by A.I. Martynov, J.D. Kobalava, S.V. Moiseev. - 4th ed., reprint; Electronic text data. - Moscow : GEOTAR-Media, 2023. - 704 p. URL:  
[https://lib.rudn.ru/MegaPro/UserEntry?Action=Link\\_FindDoc&id=508354&idb=0](https://lib.rudn.ru/MegaPro/UserEntry?Action=Link_FindDoc&id=508354&idb=0)
3. Stuklov Nikolay Igorevich (author of the RUDN). Textbook on hematology / N.I. Stuklov, N.D. Sour. - 2nd ed., supplement and revision. - Moscow : Practical Medicine, 2022. - 350 p. : ill.
4. Safarova Aiten Fuadovna. Clinical electrocardiography : textbook / A.F. Safarova, S.V. Avdoshina ; edited by J.D. Kobalava. - Electronic text data. - Moscow : RUDN, 2022. - 127 p. : ill. URL:  
[https://lib.rudn.ru/MegaPro/UserEntry?Action=Link\\_FindDoc&id=505702&idb=0](https://lib.rudn.ru/MegaPro/UserEntry?Action=Link_FindDoc&id=505702&idb=0)
5. Dvornikov Vladimir Evgenievich. The abc of electrocardiography : a textbook for universities / V.E. Dvornikov, G.G. Ivanov. - M. : RUDN, 2011. - 165 p. : ill. URL:  
[https://lib.rudn.ru/MegaPro/UserEntry?Action=Link\\_FindDoc&id=366227&idb=0](https://lib.rudn.ru/MegaPro/UserEntry?Action=Link_FindDoc&id=366227&idb=0)
6. Cardiology: a practical guide / edited by E.V. Shlyakhto. - 2nd ed., reprint. and additional ; Electronic text data. - Moscow : GEOTAR-Media, 2022. - 800 p. - (National Guidelines). URL:  
[https://lib.rudn.ru/MegaPro/UserEntry?Action=Link\\_FindDoc&id=508374&idb=0](https://lib.rudn.ru/MegaPro/UserEntry?Action=Link_FindDoc&id=508374&idb=0)
7. Cardiovascular Failure: Textbook for Universities / edited by V. T. Dolgikh, M. L. Blagonravova, S. A. Perepelitsa. — Moscow: Yurayt Publishing House, 2026. — 150 p. — (Higher Education). — ISBN 978-5-534-15681-2. — Text: electronic // Yurayt Educational Platform [website]. — URL: <https://urait.ru/bcode/589087>
8. Heart Failure: Current Issues of Diagnosis, Treatment, and Prevention from the Evidence-Based Medicine Perspective: Textbook for Universities / edited by V. N. Larina. — 2nd ed. — Moscow: Yurayt Publishing House, 2025. — 289 p. — (Higher Education). — ISBN 978-5-534-14930-2. — Text: electronic // Yurayt Educational Platform [website]. — URL: <https://urait.ru/bcode/568210>
9. Clinical Guidelines of the Russian Cardiological Society. Pericarditis. 2025.  
[https://scardio.ru/rekomendacii/rekomendacii\\_rko/perikardity-2025](https://scardio.ru/rekomendacii/rekomendacii_rko/perikardity-2025)
10. Clinical Guidelines of the Russian Cardiological Society. Dilated Cardiomyopathy. 2025.

[https://scardio.ru/rekomendacii/rekomendacii\\_rko/dilatacionnaya\\_kardiomiopatiya\\_2025](https://scardio.ru/rekomendacii/rekomendacii_rko/dilatacionnaya_kardiomiopatiya_2025)

11. Clinical Guidelines of the Russian Society of Cardiology. Hypertrophic Cardiomyopathy. 2025.  
[https://scardio.ru/rekomendacii/rekomendacii\\_rko/gipertroficheskaya\\_kardiomiopatiya\\_2025](https://scardio.ru/rekomendacii/rekomendacii_rko/gipertroficheskaya_kardiomiopatiya_2025)
12. Clinical Guidelines of the Russian Society of Cardiology. Myocarditis. 2025.  
[https://scardio.ru/rekomendacii/rekomendacii\\_rko/miokardity-2025](https://scardio.ru/rekomendacii/rekomendacii_rko/miokardity-2025)
13. Clinical Guidelines of the Russian Society of Cardiology. Infective Endocarditis and Infection of Cardiac Implantable Devices. 2025.  
[https://scardio.ru/rekomendacii/rekomendacii\\_rko/infekcionnyy\\_endokardit\\_i\\_infekciya\\_vnutriserdechnyh\\_ustroystv\\_2025](https://scardio.ru/rekomendacii/rekomendacii_rko/infekcionnyy_endokardit_i_infekciya_vnutriserdechnyh_ustroystv_2025)
14. Clinical Guidelines of the Russian Society of Cardiology. Chronic Heart Failure. 2024.  
[https://scardio.ru/rekomendacii/rekomendacii\\_rko/hronicheskaya\\_serdechnaya\\_nedostat\\_ochnost\\_2024](https://scardio.ru/rekomendacii/rekomendacii_rko/hronicheskaya_serdechnaya_nedostat_ochnost_2024)
15. Kidney diseases: syndromes, key points and clinical tasks: an educational and methodological manual on propaedeutics of internal diseases for 3rd-year students of the Faculty of Medicine studying in the specialties "Medicine", "Dentistry" / M.A. Efremovtseva, S.V. Avdoshina, A.V. Bogomaz [et al.] ; edited by J.D. Kobalava. - 2nd edition, revised; Electronic text data. - Moscow: RUDN, 2020. - 39 p. URL:  
[https://lib.rudn.ru/MegaPro/UserEntry?Action=Link\\_FindDoc&id=491960&idb=0](https://lib.rudn.ru/MegaPro/UserEntry?Action=Link_FindDoc&id=491960&idb=0)
16. Ivanov, A. A. Clinical Laboratory Diagnostics / A. A. Ivanov. — 3rd ed., ster. — Saint Petersburg: Lan, 2023 — 432 p. — ISBN 978-5-507-46278-0. — Text: electronic // Lan: electronic library system. — URL: <https://e.lanbook.com/book/305228>

#### Additional readings:

1. Kislyi N. D., Kochetov A. G., Kournikova I. A. [et al.]. Diagnosis and treatment of emergency conditions in therapeutic practice. M.: GEOTAR-MEDIA. 2024, 544 p.
2. RF HM Guidelines <https://cr.minzdrav.gov.ru/>
3. Kruglov V.A. Classification, Diagnosis, and Treatment of Hypertension. Practical Guide [Electronic resource]. - Moscow: GEOTAR-Media, 2022. 96 p. ISBN 978-5-9704-6857-9 URL:  
[https://mega.rudn.ru/MegaPro/UserEntry?Action=Link\\_FindDoc&id=508253&idb=0](https://mega.rudn.ru/MegaPro/UserEntry?Action=Link_FindDoc&id=508253&idb=0)
4. Tobultok, G.D. Emergency Care in Therapy: Textbook / G.D. Tobultok, N.A. Ivanova. — Moscow: INFRA-M, 2024. — 400 p. — (Secondary Vocational Education). - ISBN 978-5-16-016860-9. - Text: electronic. - URL:  
<https://znanium.ru/catalog/product/2048901>
5. Emergency Care in Diseases of Internal Organs: Textbook / edited by V.A. Akhmedov. — Moscow: INFRA-M, 2023. — 137 p. — (Higher Education: Specialist). — DOI 10.12737/3479. - ISBN 978-5-16-013521-2. - Text: electronic. - URL: <https://znanium.com/catalog/product/1919459>

6. Tobultok G.D., Ivanova N.A. Emergency Care in Therapy: Textbook. — Moscow : INFRA-M, 2022. — 400 p. — (Average professional education). - ISBN 978-5-16-016860-9. - Text : electronic. - URL: <https://znanium.ru/catalog/product/1247026>
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*Resources of information and telecommunication network "Internet»:*

1. EBS RUDN and third-party EBS, to which university students have access on the basis of concluded contracts:

- Electronic library system of RUDN – EBS RUDN <http://lib.rudn.ru/MegaPro/Web>
- EBS "University Library online" <http://www.biblioclub.ru>
- ABS Yurayt <http://www.biblio-online.ru>
- EBS "Student Consultant" [www.studentlibrary.ru](http://www.studentlibrary.ru)
- EBS "Lan" <http://e.lanbook.com/>
- EBS "Trinity Bridge"

2. Databases and search engines:

- electronic Fund of legal and normative-technical documentation <http://docs.cntd.ru/>
- search engine Yandex <https://www.yandex.ru/>
- Google search engine <https://www.google.ru/>
- Scopus abstract database <http://www.elsevierscience.ru/products/scopus/>

*Educational and methodological materials for independent work of students during the development of the discipline/ module\*:*

1. Methodological guidelines for the implementation and execution of control and independent work on the discipline "Hospital therapy";

\* - all teaching materials for independent work of students are placed in accordance with the current procedure on the discipline page in the TUIS!

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