

FEDERAL STATE BUDGET EDUCATIONAL INSTITUTION
OF HIGHER EDUCATION
"ROSTOV STATE MEDICAL UNIVERSITY"
MINISTRY OF HEALTH OF THE RUSSIAN FEDERATION

Faculty of Education of foreign students, residents and postgraduates

CONFIRM

Supervisor
educational program

(signature) E.S. Belousova /
(FULL NAME.)



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DISCIPLINE WORKING PROGRAM

HOSPITAL THERAPY

Speciality 31.05.01 General medicine

Form of education full-time

Rostov-on-Don
2023

I. GOALS AND OBJECTIVES OF MASTERING THE DISCIPLINE

1.1. Target mastering the discipline - students mastering competencies in medical research methods (history taking, examination, palpation, percussion, auscultation) and the theoretical foundations of additional research methods (laboratory, functional), developing medical thinking, knowledge and practical skills for diagnosis, treatment and prevention of the most common and socially significant diseases of internal organs, providing emergency care and solving issues of rational pharmacotherapy and prevention of somatic diseases.

1.2. Tasks mastering the discipline:

- medical activities:

- diagnosis of diseases and pathological conditions of patients; provision of primary medical care in outpatient and day hospital settings:
 - developing in students the knowledge and skills to carry out a full range of diagnostic and therapeutic measures in accordance with clinical protocols for the management of patients with various nosological forms of internal diseases at the hospital and outpatient stages,
 - developing in students the skills of questioning and clinical examination of patients with pathology of internal organs, interpretation of the results of routine and special laboratory and instrumental methods for studying organs and systems, morphological examination of tissues,
 - developing students' skills in making a differential syndromic diagnosis, setting, justifying and formulating a diagnosis, drawing up a plan for examining patients, determining tactics for their management,
 - developing in students the ability to carry out prevention, treatment and rehabilitation of patients with diseases of internal organs, prescribe and directly carry out treatment of patients with major diseases of internal organs in hospital and outpatient settings.
- diagnosis of emergency conditions;
- provision of primary medical care for sudden acute diseases, conditions, exacerbation of chronic diseases that are not accompanied by a threat to the patient's life and do not require emergency medical care;
- participation in the provision of emergency medical care for conditions requiring urgent medical intervention;

- organizational and managerial activities:

- maintaining medical records in medical organizations:
 - developing skills in preparing a medical history and outpatient card outlining all the main sections, justifying the clinical diagnosis, examination and treatment plan, determining work ability and indications for hospitalization, keeping diaries and preparing stage-by-stage epicrises when working with therapeutic patients, preparing abstracts on modern scientific problems .

II. REQUIREMENTS FOR THE RESULTS OF MASTERING THE DISCIPLINE

Studying the discipline is aimed at developing competencies

Vin accordance with the Federal
State Educational Standard of Higher Education and the EP of Higher Education in
this specialty:

2.1. General cultural:

2.2. General professional:

2.3. Professional: PC-8, PC-10.

III. THE PLACE OF DISCIPLINE IN THE STRUCTURE OF EP VO

3.1. The discipline “Hospital Therapy” forms the basic part of the professional disciplines for training a young therapy specialist.

IV. CONTENT AND STRUCTURE OF DISCIPLINE

The complexity of the discipline is 17 z 468 hours

4.1. Sections of the discipline studied in semesters 9, 10, 11, 12

Contents of the discipline:

Section number	Section Name	Number of hours						SRO*
		Total	Contact work					
			L	WITH	ETC	LR		
Semester 9								
1	Pulmonology	23	8		12		3	
2	Cardiology	51	16		32		3	
3	Rheumatology	eleven	-		8		3	
4	Nephrology	15	-		12		3	
5	Gastroenterology and hepatology	8	8		-		-	
6	Hematology	-	-		-		-	
	Interim certification form	Test						
	Total for the semester	108	32		64		12	
Semester 10								
1	Pulmonology	-	-		-		-	
2	Cardiology	-	-		-		-	
3	Rheumatology	-	-		-		-	
4	Nephrology	thirty	8		10		12	
5	Gastroenterology and hepatology	32	-	-	20	-	12	
6	Hematology	36	8		18		10	
	Preparation of educational medical history	10	-	-	-	-	10	
	Interim certification form	Test with grade						
	Total for the semester	108	16		48		44	
Semester 11								
1	Pulmonology	-	-		-		-	
2	Cardiology	72	12		32		28	
4	Nephrology	-	-		-		-	
5	Gastroenterology and hepatology	-	-		-		-	
6	Hematology	-	-		-		-	
	Interim certification form	Exam – 36 hours.						
	Total for the semester	108	12		32		28	
Semester 12								
1	Pulmonology	32	8		14		10	
2	Cardiology	-	-		-		-	
4	Nephrology	40	8		22		10	
5	Gastroenterology and hepatology	40	8		22		10	
6	Hematology	24	8		6		10	
	Preparation of educational medical history	8	-	-	-	-	8	
	Interim certification form	Test						

	Total for the semester	144	32		64		48
	Total by discipline	468	78		234		156

* SRO - independent work of students L -

lectures

C – seminars (in disciplines in accordance with the standard and RUP)

LR – laboratory work (in disciplines in accordance with the curriculum)

PR – practical classes (in disciplines in accordance with the curriculum, they include clinical practical classes)

4.2. Contact work

Lectures			
Section number	Lecture no.	Lecture topics	Number of hours
Semester 9			
1		Pulmonology.	
	1	Diagnosis and differential diagnosis and treatment of pleurisy	4
	2	Chronic cor pulmonale: clinical picture, diagnosis, differential diagnosis and treatment	4
2		Cardiology	
	1	Infective endocarditis: clinical picture, diagnosis, treatment	3
	2	Modern principles of diagnosis and treatment of arrhythmias and heart blocks	3
	3	Symptomatic arterial hypertension: classification, differential diagnosis, principles of treatment.	3
	4	Differential diagnosis and treatment of acute coronary syndrome. Rehabilitation of patients, survivors of myocardial infarction	4
	5	Cardiomyopathies: classification, clinical picture, diagnosis, differential diagnosis, principles of treatment.	3
5		Gastroenterology and hepatology	
	1	Chronic hepatitis. Diagnosis, clinical manifestations, treatment	4
	2	Cirrhosis of the liver. Clinic, diagnostics, differential diagnosis and treatment	4
Total for the semester			32
Semester 10			
4		Nephrology	
	1	Differential diagnosis of nephrotic syndrome. Urinary tract infections.	2
	2	Acute kidney damage. Chronic kidney disease.	2
	3	Systemic vasculitis: diagnosis, differential diagnosis and treatment	4
6		Hematology	
	1	Paraproteinemic hemoblastoses. Erythremia	4

	2	Lymphogranulomatosis. Diagnosis, differential diagnosis, treatment	4
Total for the semester			16
Semester 11			
2		Cardiology	
	1	Pericarditis: diagnosis, clinical picture, treatment.	3
	2	Differential diagnosis of pain in the heart area	3
	3	Modern principles of diagnosis and differentiated pharmacotherapy of arterial hypertension. Hypertensive crises	3
	4	Brief loss of consciousness.	3
Total for the semester			12
Semester 12			
1		Pulmonology	
	1	Broncho-obstructive syndrome: diagnosis, differential diagnosis and treatment. Asthmatic status	3
	2	Allergoses. Anaphylactic shock	3
	3	Pulmonary embolism: diagnosis, differential diagnosis and treatment	2
4		Nephrology	
	1	Diff. diagnosis of urinary sediment	4
	2	Differential diagnosis of edema syndrome	4
5		Gastroenterology and hepatology	
	1	Differential diagnosis of jaundice. Benign hyperbilirubinemia (pigmentary hepatitis)	2
	2	Chronic pancreatitis.	2
	3	Gastrointestinal bleeding. Hemoptysis, pulmonary hemorrhage.	2
		Stomach ache.	2
6		Hematology	
	1	Differential diagnosis for lymphadenopathy and splenomegaly	3
	2	DIC syndrome in the clinic of internal diseases. Diagnosis, differential diagnosis and treatment	3
	3	Differential diagnosis for fever of unknown origin	2
Total for the semester			32

Practical work

Section number	No . PR	Topics of practical work	Number of hours	Forms of current control
Semester 9				
1		Pulmonology		
	1	Diagnosis, differential diagnosis and treatment of suppurative lung diseases. Bronchiectasis. Lung abscess	6	Oral survey
	2	Chronic cor pulmonale: clinical picture, diagnosis, differential diagnosis and treatment	6	Oral survey
2		Cardiology		
	1	Infective endocarditis: clinical picture, diagnosis, treatment	8	Oral survey
	2	Modern principles of diagnosis and treatment of arrhythmias and heart blocks	8	Oral survey
	3	Differential diagnosis and treatment symptomatic arterial hypertension	8	Oral survey
	4	Differential diagnosis and treatment of acute coronary syndrome. Rehabilitation of patients who have suffered myocardial infarction	8	Oral survey
3		Rheumatology		
	1	Diffuse connective tissue diseases: systemic lupus erythematosus. Systemic scleroderma. Dermatomyositis	3	Oral survey
	2	Differential diagnosis and treatment for articular syndrome. Features of diagnosis and treatment of psoriatic arthritis. Clinic, diagnosis and treatment of ankylosing	3	Oral survey
	3	Systemic vasculitis: diagnosis, differential diagnosis and modern principles of treatment	2	Oral survey
4		Nephrology		
	1	Chronic kidney disease. Classification. Modern principles of diagnosis and treatment	12	Oral survey
Total for the semester			64	
Semester 10				
6		Hematology		
	1	Paraproteinemic hemoblastoses. Erythremia	6	Oral survey
	2	Lymphogranulomatosis. Diagnostics, differential diagnosis, treatment	6	Oral survey
	3	Hemorrhagic diathesis. Clinic. Diagnostics. Treatment.	6	Oral survey
4		Nephrology		
	1	Amyloidosis of the kidneys. Differential diagnosis of nephrotic syndrome	10	Oral survey

Section number	No . PR	Topics of practical work	Number of hours	Forms of current control
5		Gastroenterology and hepatology		
	1	Chronic hepatitis. Diagnosis, clinical manifestations, treatment	6	Oral survey
	2	Liver cirrhosis. Clinic, diagnosis, differential diagnosis and treatment	8	Oral survey
	3	Housing and communal services Diagnostics. Treatment	6	Oral survey
Total for the semester			48	
		Semester 11		
2		Cardiology		
	1	Pericarditis: diagnosis, clinical picture, treatment.	6	Oral survey
	2	Differential diagnosis of pain in the heart area	6	Oral survey
	3	Modern principles of diagnosis and differentiated pharmacotherapy arterial hypertension. Hypertensive crises	5	Oral survey
	4	Differential diagnosis for cardiomegaly	5	Oral survey
	5	Differential diagnosis and treatment of acute heart failure (pulmonary edema, cardiogenic shock)	5	Oral survey
	6	Brief loss of consciousness.	5	Oral survey
Total for the semester			32	
		Semester 12		
1		Pulmonology		
	1	Pulmonary embolism: diagnosis, differential diagnosis and treatment	3	Oral survey
	2	Differential diagnosis and treatment of focal lung diseases	3	Oral survey
	3	Differential diagnosis and treatment diseases accompanied by disseminated lung disease	4	Oral survey
	4	Broncho-obstructive syndrome: diagnosis, differential diagnosis and treatment. Asthmatic status	4	Oral survey
4		Nephrology		
	1	Modern approaches to the diagnosis and treatment of acute and chronic renal failure	10	Oral survey
	2	Differential diagnosis for pathological urine sediment	12	Oral survey
5		Gastroenterology and hepatology		

Section number	No . PR	Topics of practical work	Number of hours	Forms of current control
	1	Differential diagnosis and treatment of intestinal diseases	5	Oral survey
	2	Differential diagnosis of jaundice. Benign hyperbilirubinemia (pigmentary hepatosis)	4	Oral survey
	3	Differential diagnosis and treatment of gastrointestinal bleeding. Differential diagnosis for the syndrome "acute abdomen" in the practice of a therapist	4	Oral survey
	4	Differential diagnosis and treatment of diseases manifested by hepatomegaly and hepatolienal syndrome. Acute liver failure	5	Oral survey
	5	Differential diagnosis and treatment diseases of the stomach and duodenum. Stomach cancer	4	Oral survey
6		Hematology		
	1	Differential diagnosis for lymphadenopathy and splenomegaly	3	Oral survey
	2	Differential diagnosis of hemoblastoses	3	Oral survey
Total for the semester			64	

4.3. Independent work of students

Section number	Type of independent work of students	Number of hours	Shapes of the current control
Semester 9			
1	Independent preparation for practical classes on current topics	3	Oral survey
2	Independent preparation for practical classes on current topics	3	Oral survey
3	Independent preparation for practical classes on current topics	3	Oral survey
4	Independent preparation for practical classes on current topics	3	Oral survey
Total for the semester		12	
Semester 10			
4	Independent preparation for practical classes on current topics	12	Oral survey
5	Independent preparation for practical classes on current topics	12	Oral survey
6	Independent preparation for practical classes on current topics	10	Oral survey
-	Completing an educational medical history according to one of the sections studied within the academic discipline	10	Report on stories

			illnesses
Total for the semester		44	
Semester 11			
2	Independent preparation for practical classes on current topics	28	Oral survey
Total for the semester		28	
Semester 12			
1	Independent preparation for practical classes on current topics	10	Oral survey
4	Independent preparation for practical classes on current topics	10	Oral survey
5	Independent preparation for practical classes on current topics	10	Oral survey
6	Independent preparation for practical classes on current topics	10	Oral survey
-	Completing an educational medical history for one of the sections studied within the academic discipline	8	Report according to medical history
Total for the semester		48	
Total by discipline		156	

V. ASSESSMENT MATERIALS FOR CURRENT CONTROL AND INTERMEDIATE CERTIFICATION

(are an appendix to the work program).

VI. EDUCATIONAL AND METHODOLOGICAL SUPPORT OF DISCIPLINE

6.1. Printed publications

1. Internal diseases: textbook: in 2 volumes. Volume 1: [rec. GBOU VPO "First Moscow State Medical University named after I.M. Sechenov"]: for university students / ed. V.S. Moiseeva, A.I. Martynova, N.A. Mukhina. - 3rd ed., rev. and additional – M.: GEOTAR-Media, 2015. – 958 p.
2. Internal diseases: textbook: in 2 volumes. Volume 2: [rec. GBOU VPO "First Moscow State Medical University named after I.M. Sechenov"]: for university students / ed. V.S. Moiseeva, A.I. Martynova, N.A. Mukhina. - 3rd ed., rev. and additional – M.: GEOTAR-Media, 2015. – 895 p.
3. Internal diseases: textbook: in 2 volumes. Volume 1: [rec. GBOU VPO "First Moscow State Medical University named after I.M. Sechenov"]: for university students / ed. V.S. Moiseeva, A.I. Martynova, N.A. Mukhina. - 3rd ed., rev. and additional – M.: GEOTAR-Media, 2012. – 958 p.
4. Internal diseases: textbook: in 2 volumes. Volume 2: [rec. GBOU VPO "First Moscow State Medical University named after I.M. Sechenov"]: for university students / ed. V.S. Moiseeva, A.I. Martynova, N.A. Mukhina. - 3rd ed., rev. and additional – M.: GEOTAR-Media, 2012. – 895 p.
5. Internal diseases: textbook: [rec. GBOU VPO "First Moscow State Medical University named after I.M. Sechenov"]: for university students / R.I. Stryuk, I.V. Mayev. - 2nd ed., rev. and additional – M.: GEOTAR-Media, 2013. – 542 p.
6. Fundamentals of internal medicine: manual / Zh.D. Kobalava, S.V. Moiseev, V.S. Moiseev; edited by V.S. Moiseeva. – M.: GEOTAR-Media, 2014. – 882 p.
7. Practical skills and emergency therapy in the clinic of internal diseases: textbook. allowance / I.I. Andreeva, I.B. Bashkova, N.P. Vasilyeva [and others]; edited by V.N. Saperova; Chuvash. state University named after I.N. Ulyanov. - Cheboksary: Chuvash Publishing House. Univ., 2013. – 561 p.

8. Internal illnesses. Sections of cardiology, endocrinology: Control and measuring materials (tests) / comp.: N.I. Volkova, I.S. Dzherieva, P.P. Glorious [etc.]; edited by N.I. Volkova; Height. state honey. university, department internal diseases with

- basics of general physiotherapy No. 3. – ed. 2nd, rev. and additional – Rostov n/d: Publishing house RostGMU, 2014. – 117 p.
9. Internal illnesses. Sections pulmonology, gastroenterology: Control and measuring materials (tests) / comp.: N.I. Volkova, I.S. Dzherieva, P.P. Glorious [etc.]; edited by N.I. Volkova; Height. state honey. university, department internal diseases with the basics of general physiotherapy No. 3. - ed. 2nd, rev. and additional – Rostov n/d: Publishing house of Rostov State Medical University, 2014. – 81 p.
 10. Erudite. Section: Gastroenterology: collection of test tasks / compiled by: P.P. Slavny, N.I. Volkova; Height. state honey. university, department internal diseases with the basics of general physiotherapy No. 3. – Rostov n/d: Publishing house RostGMU, 2015. – 47, [1] p.
 11. Erudite. Section: Cardiology: collection of test tasks / compiled by: P.P. Slavny, N.I. Volkova; Height. state honey. university, department internal diseases with the basics of general physiotherapy No. 3. – Rostov n/d: Publishing house RostGMU, 2015. – 45, [1] p.
 12. Test tasks on electrocardiography. ECG - lotto: textbook. manual / comp.: P.P. Slavny, N.I. Volkova; Height. state honey. university, department internal diseases with the basics of general physiotherapy No. 3. – Rostov n/d: Publishing house of Rostov State Medical University, 2014. – 61 p.
 13. Selected clinical lectures on therapy (clinical discussions by Professor A.S. Voronov with comments...): hands. / ed. Terentyeva V.P.; Height. state honey. Univ. – Rostov n/d: Publishing house Rostov State Medical University, 2014. – 379 p.

6.2. Internet resources

ELECTRONIC EDUCATIONAL RESOURCES		Access to the resource
Electronic library Rost State Medical University	URL: http://109.195.230.156:9080/opacg/	Unlimited access
Student Advisor [Kits: "Medicine. Healthcare. IN"; "Medicine. Healthcare. SPO"; "Psychological Sciences"]; Electronic library system. – Moscow: LLC "Polytekhnresurs" -	URL: https://www.studentlibrary.ru + opportunities for inclusive education	Unlimited access
Doctor's consultant. Electronic medical library: Electronic library system. – Moscow: LLC "Higher School of Organization and Management of Healthcare. Comprehensive medical consulting." -	URL: http://www.rosmedlib.ru + opportunities for inclusive education	Unlimited access
Scientific electronic library eLIBRARY	URL: http://elibrary.ru	Open access
National Electronic Library. -	URL: http://neb.rf/	Access from computers libraries
Springer Nature database. -	URL: https://link.springer.com/ via IP addresses of RostSMU and remotely after registration, remotely via RFBR CIAS https://kias.rfbr.ru/reg/index.php (National project)	Unlimited access
Wiley Online Library /John Wiley & Sons. -	URL: http://onlinelibrary.wiley.com via IP addresses of RostSMU and remotely after registration (National Project)	Access limited
Wiley.Full-text collection of electronic journals MedicalSciencesJournalBackfile: archive.–URL	: https://onlinelibrary.wiley.com/ via IP addresses of RostSMU and remotely after registration (National Project)	Indefinite subscription
Sage Publication: [full-text collection of electronic books eBook		Indefinite

	Collections]. – URL: https://sk.sagepub.com/books/discipline By	esubscripti on
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	IP addresses of RostSMU (National Project)	
	Ovid Technologies: [Full-text archived collection of Lippincott Williams and Wilkins Archive Journals]. – URL: https://ovidsp.ovid.com/autologin.cgi by IP addresses of RostSMU (National project)	Indefinite subscription
	Questel database Orbit Premium edition: patent search database http://www.orbit.com/ by IP addresses of RostSMU (National Project)	Access limited
	Wiley: official site; section "Open Access" / John Wiley & Sons. – URL: https://authorservices.wiley.com/open-research/open-access/browse-journals.html	Content open access
	Russian education. Single window of access: federal portal. - URL: http://www.edu.ru/ . – New educational environment.	Open access
	Federal Center for Electronic Educational Resources. - URL: http://srtv.fcior.edu.ru/	Open access
	Electronic Library of the Russian Foundation for Basic Research (RFBR). - URL: http://www.rfbr.ru/rffi/ru/library	Open access
	Federal Electronic Medical Library of the Ministry of Health Russia. - URL: https://femb.ru/femb/	Open access
	Cochrane Library: official website ; "Open Access" section. - URL: https://cochranelibrary.com/about/open-access	Open access content
	Cochrane Russia: Russian branch Cochrane cooperation / RMANPO. – URL: https://russia.cochrane.org/	Content open access
	Webmedinfo.ru: website [open information and educational medical resource]. - Moscow. - URL: https://webmedinfo.ru/	Open access
	Univadis from Medscape: international honey. portal. - URL: https://www.univadis.com/ [Regularly updated database of unique information and educational medical resources].	free registration
	Med-Edu.ru: medical educational video portal. - URL: http://www.med-edu.ru/ . Free registration.	Open access
	Doctor's world: professional portal [information resource for doctors and students]. - URL: https://mirvracha.ru.	Free registration
	DoctorSPB.ru: information-reference portal about medicine [for students and doctors]. - URL: http://doctorspb.ru/	Open access
	BEARWEST : Russian doctor portal [library, knowledge base]. - URL: https://medvestnik.ru	Open access
	PubMed: electronic search engine [for biomedical research of the National Center for Biotechnology Information (NCBI, USA)]. - URL: https://pubmed.ncbi.nlm.nih.gov/	Open access
	Cyberleninka Open Science Hub: open scientific electronic library of publications in foreign languages. – URL: https://cyberleninka.org/	Open access content
	Scientific heritage of Russia: eelectronic library /MSC RAS. - URL: http://www.e-heritage.ru/	Open access
	KOOb.ru: electronic library of medical books psychology. - URL: http://www.koob.ru/medical_psychology/	Open access
	Presidential Library: website. - URL: https://www.prlib.ru/collections	Open access
	SAGE Openaccess: Open Access Resources / Sage Publications. –	Content open

	URL: https://uk.sagepub.com/en-gb/eur/open-access-at-sage	that access
	EBSCO & Open Access: open access resources. – URL: https://www.ebsco.com/open-access	Open access content
	Lvrach.ru: honey. scientific-practical portal [largest prof. resource for doctors and medical community, created on the basis of scientific and practical. magazine "Attending Physician"]. - URL: https://www.lvrach.ru/	Open access
	ScienceDirect: official website; section "Open Access" / Elsevier.- URL: https://www.elsevier.com/open-access/open-access-journals	Open access content
	Taylor & Francis. Dove Medical Press. Open access journals: open access journals.– URL: https://www.tandfonline.com/openaccess/dove	Content open access
	Taylor & Francis. Open access books: open access books. – URL: https://www.routledge.com/our-products/open-access-books/taylor-francis-oa-books	Content open access
	Thieme. Open access journals: Open Access Journals / Thieme Medical Publishing Group. – URL: https://open.thieme.com/home	Open access content
	Karger Open Access: open access journals / S. Karger AG. – URL: https://www.karger.com/OpenAccess/AllJournals/Index	Content open that access
	Archive of scientific journals /NPNEIKON.- URL: https://arch.neicon.ru/xmlui/	Open access
	Russian doctor: website [news for doctors and medical archive. magazines] / Publishing House "Russian Doctor". - URL: https://rusvrach.ru/	Open access
	Directory of Open Access Journals: [full text journals 121countries of the world, incl. in medicine, biology,chemistry].- URL: http://www.doaj.org/	Open access
	Free Medical Journals. - URL: http://freemedicaljournals.com	Open access
	Free Medical Books. - URL: http://www.freebooks4doctors.com	Open access
	International Scientific Publications. –URL: http://www.scientific-publications.net/ru/	Open access
	Eco-Vector: portal of scientific journals/Russian IT platform GC "ECO-Vector". - URL: http://journals.eco-vector.com/	Open access
	Medline.Ru: scientific biomedical journal : online electronic edition. - URL: http://www.medline.ru	Open access
	Medical Bulletin of the South of Russia: electron. magazine / RostSMU. - URL: http://www.medicalherald.ru/jour	Open access
	Bulletin of Curology (“UrologyHerald”):electronic magazine/ RostSMU. – URL: https://www.urovest.ru/jour	Open access
	South Russian Journal of Therapeutic Practice/ RostSMU. – URL: http://www.therapeutic-j.ru/jour/index	Open access
	Categories clinical recommendations of the Russian Ministry of Health. - URL: https://cr.minzdrav.gov.ru/	Open access
	FBUZ "Information and Methodological Center" of Rospotrebnadzor: official website. – URL: https://www.crc.ru	Open access
	Ministry of Health of the Russian Federation: official website. - URL: https://minzdrav.gov.ru	Open access
	Federal Service for Supervision in the field of healthcare: official website. - URL: https://roszdravnadzor.gov.ru/	Open access
	World Health Organization: official website. - URL:	Open

	http://who.int/ru/	access
	Ministry of Science and Higher Education Russian Federation: official website. - URL: http://minobrnauki.gov.ru/(search engine Yandex system)	Open access
	Modern problems of science and education: electron. magazine. Online publication. - URL: http://www.science-education.ru/ru/issue/index	Open access
	DictionariesencyclopediaAcademics .- URL: http://dic.academic.ru/	Open access
	Official Internet portal of legal information. - URL: http://pravo.gov.ru/	Open access
	Education in Russian: educational portal / State. Institute of Russian language them. A.S. Pushkin. - URL: http://pushkininstitute.ru/	Open access
	History.RF. [The main historical portal of the country]. - URL: https://histrf.ru/	Open access
	Other Open resources can be found at: http://rostgmu.ru → Library → Electronic catalog → Open Internet resources → further by keyword...	

6.3. Guidelines for students on mastering the discipline

Planning and organizing the time needed to study the discipline. An important condition for successfully mastering the discipline of Immunology is the creation of a system of proper organization of work that allows you to distribute the educational load evenly in accordance with the schedule of the educational process. Drawing up a work plan can be of great help in this. Its presence will allow you to subordinate your free time to study purposes and work more successfully and efficiently. In the evening you should always distribute work for tomorrow. At the end of each day, it is advisable to summarize the work: carefully check whether everything was completed according to the plan, whether there were any deviations, and if there were, for what reason they occurred. It is necessary to exercise self-control, which is a necessary condition for successful study. If something is left undone, time must be found to complete that part of the work. It is recommended to complete all tasks for practical classes, as well as tasks assigned for independent work, immediately after the corresponding topic of the lecture course, which contributes to better assimilation of the material, allows you to promptly identify and eliminate “gaps” in knowledge, systematize previously covered material, and proceed on its basis to mastering new knowledge and skills.

Preparation for lectures. Acquaintance with the discipline occurs already at the first lecture, where the student is required not only to pay attention, but also to independently prepare notes. When working with lecture notes, it is necessary to take into account the fact that some lectures provide answers to specific questions on the topic, while others only reveal the relationships between phenomena, helping the student understand the deep processes of development of the subject being studied, both in history and at the present time.

Lecture note-taking is a complex type of university classroom work that involves intense mental activity of the student. A note is useful when the most essential things are written down and done by the student himself. There is no need to try to write down the entire lecture verbatim. This kind of “note-taking” does more harm than good. It is advisable to first understand the main idea presented by the lecturer and then write it down. It is advisable to record on one page of the sheet or leave fields on which later, when working independently with notes, you can make additional notes and mark unclear places.

It is better to divide the lecture notes into points, observing the red line. This will be greatly facilitated by the lecture plan questions proposed by

teachers. You should pay attention to the emphasis and conclusions that the lecturer makes, marking the most important points in the lecture material with the remarks “important”, “remember well”, etc. You can also do this using colorful markers or pens, emphasizing terms and definitions.

It is advisable to develop your own system of abbreviations, abbreviations and symbols. However, when further working with notes, it is better to replace the symbols with ordinary words for quick visual perception of the text.

When working on lecture notes, it is always necessary to use not only the textbook, but also the literature that the lecturer additionally recommended. It is this kind of serious, painstaking work with the lecture material that will allow you to deeply master the theoretical material.

Preparation for practical classes. The student must begin preparing for each practical lesson by familiarizing himself with the practical lesson plan, which reflects the content of the proposed topic. Careful thinking through and study of the plan's issues is based on studying the current lecture material, and then studying the required and additional literature recommended for this topic. All new concepts on the topic being studied must be memorized and included in a glossary, which should be kept from the very beginning of the course.

The result of such work should be manifested in the student's ability to freely answer theoretical questions of the workshop, his speech and participation in a collective discussion of issues on the topic being studied, the correct completion of practical assignments and tests.

In the process of preparing for practical classes, students need to pay special attention to independent study of the recommended literature. Despite the completeness of the lecture notes, it is impossible to present all the material in it due to the limit of classroom hours. Therefore, independent work with textbooks, teaching aids, scientific and reference literature, materials from periodicals and the Internet is the most effective method of acquiring additional knowledge, allows you to significantly intensify the process of mastering information, promotes a deeper assimilation of the material being studied, and shapes students' attitude to a specific problem.

Recommendations for working with literature. It is advisable to start working with literature by studying general works on the topic, as well as textbooks and teaching aids. Next, it is recommended to move on to the analysis of monographs and articles that consider individual aspects of the problems studied in the course, as well as official materials and unpublished documents (research papers, dissertations), which may contain the main issues of the problem being studied.

Work with sources should begin with introductory reading, i.e. view the text, highlighting its structural units. During introductory reading, bookmarks mark those pages that require more careful study.

Depending on the results of the introductory reading, a further method of working with the source is chosen. If solving the problem requires studying certain fragments of the text, then the selective reading method is used. If the book does not have a detailed table of contents, the student should pay attention to the subject and name indexes.

Selected fragments or the entire text (if it is entirely related to the topic) require thoughtful, leisurely reading with “mental elaboration” of the material. Such reading involves highlighting: 1) the main thing in the text; 2) main arguments; 3) conclusions. Particular attention should be paid to whether the thesis follows from the arguments or not.

It is also necessary to analyze which of the author's statements are problematic, hypothetical in nature and to grasp hidden issues.

It is clear that the ability to work with text in this way does not come immediately.

The best way to learn to highlight the main points in a text, to grasp the problematic nature of statements, and to evaluate the author's position is comparative reading, during which the student gets acquainted with different opinions on the same issue, compares the weight and evidence of the arguments of the parties and draws a conclusion about the greatest persuasiveness of that one or other position.

If in the literature there are different points of view on a particular issue due to the complexity of past events and legal phenomena, they cannot be rejected without understanding them. If there are discrepancies between the authors, it is necessary to find a rational grain in each of them, which will allow a deeper understanding of the subject of study and a more critical assessment of the issues being studied. Getting acquainted with the special positions of the authors, you need to identify their similar judgments, arguments, conclusions, and then compare them with each other and apply the one that is more convincing.

The next stage of working with literary sources is the creation of notes that capture the main theses and arguments. You can make notes on separate sheets of paper, which can then be easily organized into individual topics of the course being studied. Another way is to keep thematic notebooks on one topic. It is advisable to take notes on large specialized works of a monographic nature in separate notebooks. Here it is important to remember that notes are written on one side of the sheet, with margins and sufficient line spacing for corrections and remarks (these rules are observed for ease of editing). If quotations are given in the notes, then an indication of the source (author, title, imprint, page number) must certainly be given. Subsequently, this information can be used when writing the text of an essay or other assignment.

Thus, when working with sources and literature, it is important to be able to: compare, compare, classify, group, systematize information in accordance with a specific educational task;
summarize the information received, evaluate what you listened to and read;
record the main content of messages; formulate, orally and in writing, the main idea of the message; draw up a plan, formulate theses;
prepare and present detailed reports such as a report;
work in different modes (individually, in pairs, in groups), interacting with each other;
use abstracts and reference materials;
control your actions and the actions of your comrades, objectively evaluate your actions;
seek help and additional clarification from the teacher or other students.
use linguistic or contextual guesses, dictionaries of various kinds, various kinds of hints, supports in the text (keywords, text structure, preliminary information, etc.);
use periphrases, synonymous means, words that describe general concepts, explanations, examples, interpretations, "word creation" when speaking and writing;
repeat or paraphrase the interlocutor's remarks to confirm understanding of his statement or question;
ask your interlocutor for help (clarify the question, ask again, etc.); use facial expressions, gestures (in general and in cases where there are no linguistic means enough to express certain communicative intentions).

Preparation for intermediate certification. When preparing for intermediate certification, it is advisable to:

- carefully study the list of questions and determine which sources contain the information necessary to answer them;

- carefully read the recommended literature;
- make short notes of answers (answer plans).

VII. MATERIAL AND TECHNICAL SUPPORT OF DISCIPLINE

<p>344090, Rostov region, Rostov-on-Don, Blagodatnaya st., 170. GBURO "Rostov regional clinicalhospital" (1st floor, room 187) Classroom for conducting lecture-type classes</p>	<p>The premises are equipped specialized educational furniture: chairs, tables. Technical teaching aids used to provide educational information to a large audience: laptop, multimedia projector.</p>
<p>344090, Rostov region, Rostov-on-Don, Blagodatnaya st., 170. GBURO "Rostov regional clinicalhospital" (1st floor, room 49, 157)</p> <p>344090, Rostov region, Rostov-on-Don, Blagodatnaya st., 170. GBURO "Rostov regional clinicalhospital" (2nd floor, room 36)</p> <p>344090, Rostov region, Rostov-on-Don, Blagodatnaya st., 170. GBURO "Rostov regional clinicalhospital" (5th floor)</p> <p>344090, Rostov region, Rostov-on-Don, Blagodatnaya st., 170. GBURO "Rostov regional clinicalhospital" (6th floor, room 61)</p> <p>344090, Rostov region, Rostov-on-Don, Blagodatnaya st., 170. GBURO "Rostov regional clinicalhospital" (8th floor, room 27)</p> <p>344090, Rostov region, Rostov-on-Don, Blagodatnaya st., 170. GBURO "Rostovskaya regionalclinical hospital" (ground floor, room 56)Classrooms for conducting seminar-type classes, group and individual consultations, ongoing monitoring and intermediate certification</p>	<p>The premises are equipped with educational furniture: chairs, tables, educational boards, a computer, sets of clinical situational problems for each topic of classes, sets of test tasks for each topic of classes, a setradiographs, setelectrocardiogram, stethophonendoscope, apparatus for measuring blood pressure.</p>
<p>344022, Rostov region, Rostov-on-Don, lane. Nakhichevan, 38/57-59/212-214. Department and Clinic of Neurosurgery, Clinic of Therapy (Liter A, 2nd floor, room 1, 2, 3, 4, 5, 6, 7, 8, 9, 10) Classrooms for conducting seminar-type, group and</p>	<p>Room staffedspecialized educational furniture: tables, chairs. Educational videos, sets of materials on topics (ECG, radiographs, laboratory tests, ultrasound data, etc.), a set of presentations for multimedia projector for practice. activities and</p>

<p>individual consultations, ongoing monitoring and intermediate certification</p>	<p>lectures. Imitation technologies: role-playing games</p>
<p>344022, Rostov region, Rostov-on-Don, lane. Nakhichevan, 38/57-59/212-214. Department and Clinic of Neurosurgery, Therapy Clinic (Liter A, 2nd floor)</p> <p>Classroom for conducting lecture-type classes</p>	<p>Room</p> <p>staffedspecialized educational furniture.</p>
<p>344022, Rostov region, Rostov-on-Don, lane. Nakhichevan, 38/57-59/212-214. Educational and laboratory building (2nd floor, 4th floor)</p> <p>344022, Rostov region, Rostov-on-Don, lane. Nakhichevansky, 38. Medical and diagnostic building (Liter: B-A, 6th floor)</p> <p>Premises for independent work of students - library, auditorium of the physics department, automation department and monitoring the quality of training</p>	<p>Computer equipment with the ability to connect to the Internet and provide access to the EIOS RostSMU</p>