Документ подписан простой электронной подписью
Информация о владельце:
ФИО: Стегний Кирилл Владимирович
Должность: И.о. ректора
Дата подписания: 08.10.2026 12:11:32
Уникальный программный ключ:
d59234ba928aea5c04c54eb9013e367220b6b2ae

Federal State Budget Educational Institution
of Higher Education
Pacific State Medical University
of the Ministry of Health of the Russian Federation

APPROVED BY
/First Vice-Rector

_____ / Dvoynikova E.R./
"23rd" of June 2026

DISCIPLINE WORK PROGRAM

B1.V.EC.04.02 Management tactics in patients with cardiovascular diseases at different stages of medical care

(name of discipline)

Specialty	**31.05.01 General Medicine (English-language program)** (code, name)
Degree	Specialist's degree
Profile	02 "Healthcare" (in the field of providing primary health care to the population in medical organizations: polyclinics, outpatient clinics, inpatient/outpatient facilities of the municipal health care system)
Mode of study	Full-time
Period of mastering the BEP	**6 years** (nominal length of study)
Institute	of Therapy (Internal Medicine) and Instrumental Diagnostics

Vladivostok, 2026

Program of the discipline **B1.V.EC.04.02 Management tactics in patients with cardiovascular diseases at different stages of medical care** is based on:
1) Federal State Educational Standard of Higher Education for the specialty approved by the Order No. 988 of Ministry of Science and Higher Education of the Russian Federation
dated August 12, 2020.

2) Curriculum for the 31.05.01 General Medicine (English-language program), profile 02 "Healthcare" (in the field of providing primary health care to the population in medical organizations: polyclinics, outpatient clinics, inpatient/outpatient facilities of the municipal health care system), approved by the Academic Council of FSBEI HE PSMU of the Ministry of Health of Russia, Report No. 1-7/25-26 dated March 27, 2026.

Work program for the discipline was developed by the writing team of the Institute of Therapy (Internal Medicine) and Instrumental Diagnostics of the FSBEI HE PSMU of the Ministry of Health of Russia, under the guidance of the director of the Institute, Doctor of Medical Sciences, professor Nevzorova V.A.

Developed by:

Director of the Institute	Doctor of Medical Sciences, Professor	Nevzorova V.A.
(position held)	(academic degree, academic title)	(full name)
Assistant professor	Candidate of Medical Sciences	Kulakova N.V.
(position held)	(academic degree, academic title)	(full name)

1. GENERAL PROVISIONS

1.1. Purpose and Objectives of Mastering B1.V.EC.04.02 Management tactics in patients with cardiovascular diseases at different stages of medical care

The purpose of mastering the discipline is development of a systematic understanding of rare and genetically determined diseases of the cardiovascular system, as well as competencies necessary to provide medical aid to patients with symptomatic hypertension, pulmonary arterial hypertension (PAH) and cardiomyopathies, interpret the results of instrumental and laboratory examinations methods, and prescribe treatment.

Objectives of mastering the discipline:

1. Study the etiology, pathogenesis and epidemiology of rare and genetically determined diseases of the cardiovascular system;
2. Develop professional competencies necessary for conducting an examination of patients with rare and genetically determined diseases of the cardiovascular system based on proficiency in general clinical, laboratory, and instrumental examination methods;
3. Reinforce skills in conducting differential diagnosis in rare and genetically determined diseases of the cardiovascular system;
4. Form professional competencies necessary for prescribing treatment to patients with rare and genetically determined diseases of the cardiovascular system.

2. DISCIPLINE AS PART OF THE BASIC EDUCATIONAL PROGRAM

Discipline **B1.V.EC.04.02 Management tactics in patients with cardiovascular diseases at different stages of medical care** is included in the Variative part of the Block 1 of the basic educational program for the specialty 31.05.01 General Medicine (English-language program), profile 02 "Healthcare" (in the field of providing primary health care to the population in medical organizations: polyclinics, outpatient clinics, inpatient/outpatient facilities of the municipal health care system), and is part of the 12th semester's curriculum

3. PLANNED LEARNING OUTCOMES OF THE DISCIPLINE

3.1. Mastering the discipline **B1.V.EC.04.02 Management tactics in patients with cardiovascular diseases at different stages of medical care** is aimed at the development of students' competencies. The discipline facilitates the development of students' competencies corresponding to the types of professional activity.

Labor function	**Code and Name of competency of the graduate**	**Competency Indicators**
Professional Competencies		
A/03.7 Prescribing treatment and monitoring its efficiency and safety	PC-5 Ability and readiness to select patient management tactic with decision on risk factors correction program, plan of pharmacological and non-pharmacological treatment and assessment of their efficiency and safety in patients with diseases of internal organs, taking into account the diagnosis, age of the patient, and clinical picture of the disease in settings including day hospital	AI.PC-5_1- identifies priority areas in risk factor correction programs, pharmacological and non-pharmacological treatment plans based on the diagnosis, taking into account medical guidelines and current procedures for providing medical care; AI.PC-5_2- assesses patient compliance, monitors the effectiveness of the treatment, determines the safety of using medications, and adjusts the prescribed treatment taking into account treatment goals; AI.PC-5_3- identifies the need for personalized therapy in certain categories of patients, including pregnant women, elderly and senile patients, taking into account polymorbidity; determines the need for outpatient or combined treatment at home and in a day hospital

3.2. Types of professional activity corresponding to competencies developed over the course of mastering **B1.V.EC.04.02 Management tactics in patients with cardiovascular diseases at different stages of medical care**:

Types of professional activity objectives

1. *Medical*

Kinds of professional activity objectives

1. *Treatment*

3.3. Planned learning outcomes of mastering the discipline are represented by knowledge, skills, abilities and/or experience, characterize the stages of developing competencies and ensure achievement of the planned outcomes of mastering the basic educational program. Learning outcomes of a discipline are correlated with competency indicators.

4. SCOPE AND CONTENT OF THE DISCIPLINE

4.1. Scope of the Discipline and Types of Academic Work

Type of Academic Work		**Total Hours**	**Semesters**
			12
			hours
1		2	3
Classroom hours (total), including:		**46**	**46**
Lectures (L)		14	14
Practical classes (C)		32	32
Independent work of the student (IW), including:		**26**	**26**
Preparing for classes (CP)		16	16
Preparation for interim assessment (IAP)		10	10
Interim assessment		2	2
Type of interim assessment	pass/fail test (T)	T	T
	exam (E)		
TOTAL: TOTAL credit value	hrs.	**72**	**72**
	credits	**2**	**2**

4.2. Contents of the Discipline

4.2.1. Topics of Discipline Lectures and Academic Hours per Semester

No.	Lecture Topic	Hours
1	2	3
	Semester No. 12	
1.	Algorithm for providing primary health care to patients with dyslipidemia and carotid artery stenosis	2
2.	Algorithm for providing primary health care to patients with stable coronary heart disease (CHD)	2
3.	Algorithm for providing primary health care to patients with hypertensive disease	2
4.	Algorithm for providing primary health care to patients with atrial fibrillation (AF)	2
5.	Algorithm for providing primary health care to patients with extrasystole,	2
6.	Algorithm for providing primary health care to patients with bradyarrhythmias	2
7.	Algorithm for providing primary health care to patients with chronic heart failure (CHF)	2
	Hours per semester total	**14**

4.2.2. Topics of Discipline Practical Classes and Academic Hours per Semester

No.	Practical Class Topic	Hours
1	2	3
	Semester No. 12	
1	Diagnostic search for suspected arterial hypertension: laboratory and instrumental research methods. Determination of treatment and follow-up tactics for this pathology	6
2	Clinical search for suspected CHD: laboratory and instrumental research methods. Determination of treatment and follow-up tactics for this pathology	6
3	Diagnostic search for suspected cardiac rhythm and conduction disorders: laboratory and instrumental research methods. Determination of treatment and follow-up tactics for this pathology	8
4	Management tactics for patients with chronic heart failure at various stages of medical care	6
5	Determination of routing in comorbid patients with emergency conditions	6
	Hours per semester total	**32**

4.2.3. Independent Work of the Student

No.	Name of the Discipline Section	Type of IW	Total Hours
1	3	4	5
	Semester No. 12		
1	Diagnostic search for suspected arterial hypertension: laboratory and instrumental research methods. Determination of treatment and follow-up tactics for this pathology	Preparing for practical classes; preparing for continuous assessment; preparing for interim assessment	6
2	Clinical search for suspected CHD: laboratory and instrumental research methods. Determination of treatment and follow-up tactics for this pathology	Preparing for practical classes; preparing for continuous assessment; preparing for interim assessment	6

3	Diagnostic search for suspected cardiac rhythm and conduction disorders: laboratory and instrumental research methods. Determination of treatment and follow-up tactics for this pathology	Preparing for practical classes; preparing for continuous assessment; preparing for interim assessment	8
4	Management tactics for patients with CHF at various stages of medical care	Preparing for practical classes; preparing for continuous assessment; preparing for interim assessment	6
	Hours per semester total		**26**

5. REQUIREMENTS FOR IMPLEMENTATION OF DISCIPLINE

5.1. Discipline Requirements for Educational Materials and Provided Information

Essential reading

No.	Name/Title, Resource Type	Author(s)/Editor	Publisher Imprint, Web Address	Number of Copies (accesses) in the Library and Information Center
1	**2**	**3**	**4**	**5**
1	Cardiology: national guidelines [Electronic resource]	edited by E.V. Shlyakhto	M.: GEOTAR-Media, 2022. - 800 p. URL: http://www.studentlibrary.ru	Unlimited access
2	Cardiovascular diseases [Electronic resource]	edited by V.N. Larina.	M.: GEOTAR-Media, 2022. - 192 p. URL: http://www.studentlibrary.ru	Unlimited access
3	Therapy. Protocols of diagnosis, treatment and prevention in primary care [Electronic resource]	edited by V.N. Larina	M.: GEOTAR-Media, 2026. - 539 p. URL: http://www.studentlibrary.ru, Unlimited access	Unlimited access

Supplementary reading

No.	Name/Title, Resource Type	Author(s)/Editor	Publisher Imprint, Web Address	Number of Copies (accesses) in the Library and Information Center
1	**2**	**3**	**4**	**5**
1	Clinical recommendations for cardiology and comorbid diseases	edited by F.I. Belyalova. - 9th ed., revised and enlarged., edited by F.I. Belyalova,	M.: GEOTAR-Media, 2019. - 345, [7] p.	1
2	Ventricular cardiac arrhythmias and sudden cardiac death	N.Yu. Mironov, L.Yu. Layovich, S.P. Golitsyn	M.: Medical Information Agency, 2018. - 108, [1] p.	1
3	Plekhova, N.G. Possibilities of laboratory diagnostics in arterial hypertension [Electronic resource]	N.G. Plekhova, L.V. Rodionova, V.A. Nevzorova	Vladivostok: Meditsina DV, 2019. - 93 p. URL: https://lib.rucont.ru/	Unlimited access
4	Supraventricular cardiac arrhythmias: diagnosis, treatment, prevention of	S.P. Golitsyn, E.P. Panchenko, E.B. Maykov,	et al., Library of FSBI "NMIC of Cardiology" of the Ministry of Health of Russia. - M.: Medical	1

	complications: practical guide for physicians		Information Agency, 2018. - 107 p.	

Online resources

1. Electronic library system "Student Consultant" http://studmedlib.ru/
2. Electronic library system "University Library Online" http://www.biblioclub.ru/
3. Electronic library system "Urait" https://urait.ru/
4. Electronic library system "BookUp" https://www.books-up.ru/
5. Resources owned by the Library and Information Center of FSBEI HE PSMU of the Ministry of Health of Russia https://tgmu.ru/university/bibliotechno-informacionnyj-centr/resursy-bic/sobstvennye/

Online resources and respective user guides are available on the Library and Information Center website Library and Information Center — PSMU (tgmu.ru)

5.2. Discipline Requirements for Facilities and Resources

Information on the facility and resource availability and requirements of the discipline is available on the Facility and resource availability and requirements. FSBEI HE PSMU of the Ministry of Health of Russia (tgmu.ru) page of the official website of the university.

5.3. List of Information Technologies, Information and Reference Systems, Licensed and Free Software (Including Domestically-developed Software):

1. PolycomTelepresence M100 Desktop Conferencing Application (Videoconference system)
2. SunRav Software tTester
3. 7-PDF Split & Merge
4. ABBYYFineReader
5. Kaspersky Endpoint Security
6. INDIGO online testing system
7. Microsoft Windows 7
8. Microsoft Office Pro Plus 2013
9. 1C:University
10. GARANT system
11. MOODLE (Modular Object-Oriented Dynamic Learning Environment)

6. ASPECTS OF THE IMPLEMENTATION OF THE DISCIPLINE FOR STUDENTS WITH DISABILITIES AND SPECIAL NEEDS

6.1. Availability of Accessible Environment

For students with disabilities and special needs, if a written application is submitted, lectures and practical classes are carried out taking into account health limitations, individual capabilities and medical status (hereinafter referred to as individual characteristics) of the student. Compliance with the following general requirements is ensured: teaching aids for collective and individual use are provided, required technical assistance is provided by an assistant; buildings and premises where lectures and practical classes are taking place meet accessibility requirements, other arrangements lack of which makes it impossible or difficult to master the discipline are made.

6.2. Ensuring Compliance with General Requirements

When lectures and practical classes are carried out at the written application of the student, the following general requirements are met: lectures and practical classes for students with disabilities and special needs take place at the same location as for students who do not have disabilities, if this does not cause difficulties for students; an assistant (assistants), who provide(s) students with the necessary technical assistance taking into account individual characteristics of the student, is (are) provided; necessary teaching aids are provided, taking into account individual characteristics of the student.

6.3. Availability of the Internal Policies and Procedures of FSBEI HE PSMU of the Ministry of Health of Russia to Students with Disabilities in a Format Accessible to Them.

All internal policies and procedures of FSBEI HE PSMU of the Ministry of Health of Russia concerning the discipline are made available to students with disabilities in a format accessible to them.

6.4. Increase in the Time Limit of Interim Assessment for Students with Disabilities and Special Needs in Relation to the Established duration

Format of the interim assessment of academic performance within the scope of the discipline conducted for students with disabilities and special needs is selected taking into account individual characteristics of the students (orally, by writing on paper, by typing on a computer, as a test, etc.). The duration of the interim assessment in relation to the established duration is increased at the written application of the student with disabilities. Time limit for the student's preparation for the test is increased by at least 0.5 hours.

7. STAFFING REQUIREMENTS OF THE DISCIPLINE

Academic teaching personnel that ensure the implementation of the discipline education process meet the requirements of the Federal State Educational Standard of Higher Education for the **31.05.01 General Medicine** specialty; list of the aforementioned personnel is available on the website of the educational organization.

8. TUTORIAL WORK

Type of tutorial work	Forms and approaches to tutorial work	Assessment criteria
Assistance in personal growth	Overt Talks and problem-centric debates aimed at promotion of healthy lifestyle. Participation in interdepartmental conferences aimed at formation of healthy lifestyle and development of skills necessary to preserve and improve health.	Portfolio
	Covert – creating atmosphere and infrastructure. Developing a culture of healthy lifestyle, the ability to preserve and improve health. Creating atmosphere of kindness and respect with a high level of communication during implementation of the discipline.	
Civic position and values	Overt Conducting events that facilitate development of civil culture (roundtable discussions, discussions/debates, and talks). Short discussions on current significant events in case the latter occur.	Portfolio
	Covert Focusing on civic values-oriented position and legal awareness. Cultivating mindful social position during professional activity.	
Social values	Overt Highlighting aspects of organization of healthy lifestyle based on health-preserving technologies. Highlighting ecology-related questions, environmental issues as a factor affecting population health and select population risks.	Portfolio
	Covert Identification in social structure during period of education and in professional activity.	