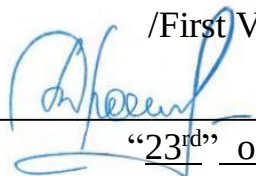


Документ подписан простой электронной подписью
Информация о владельце:
ФИО: Стегний Кирилл Владимирович
Должность: И.о. ректора
Дата подписания: 21.10.2026 17:22:37
Уникальный программный ключ:
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Federal State Budget Educational Institution
of Higher 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.C.52 Evidence-based medicine in outpatient practice

(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

Program of the discipline **B1.C.52 Evidence-based medicine in outpatient practice** 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:

<u>Assistant Professor</u> (position held)	<u>Candidate of Medical Sciences</u> (academic degree, academic title)	<u>Yurlova S.V.</u> (full name)
<u>Assistant Professor</u> (position held)	<u>Candidate of Medical Sciences</u> (academic degree, academic title)	<u>Rodionova L.V.</u> (full name)

1. GENERAL PROVISIONS

1.1. Purpose and Objectives of Mastering B1.C.52 Evidence-based medicine in outpatient practice

The purpose of mastering the discipline is achieving competencies necessary to provide medical aid to patients with diseases of internal organs; developing knowledge of the basics and principles of evidence based medicine; developing of the mindset of a doctor from the standpoint of evidence based medicine.

Objectives of mastering the discipline:

1. Acquiring knowledge in the sphere of evidence based medicine;
2. Developing skills of collecting and analysing medical information within the framework of evidence based medicine necessary to perform professional activities of a district doctor;
3. Learn to select adequate preventive, diagnostic, therapeutic, and prognostic measures in the outpatient setting based on the principles of evidence based medicine;
4. Develop the ability to determine safe, accurate, and effective examination methods based on the existing research and systematized clinical practice;
5. Develop skills of using verifiable scientific proof of efficacy of medications based on the principles of evidence based medicine.

2. DISCIPLINE AS PART OF THE BASIC EDUCATIONAL PROGRAM

Discipline **B1.C.52 Evidence-based medicine in outpatient practice** is included in the Compulsory 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 10th semester's curriculum

3. PLANNED LEARNING OUTCOMES OF THE DISCIPLINE

3.1. Mastering the discipline **B1.C.52 Evidence-based medicine in outpatient practice** is aimed at the development of students' competencies. The discipline facilitates the development of students' competencies corresponding to the types of professional activity.

Name of competency category (group)	Code and Name of competency of the graduate	Competency Indicators
General Professional Competencies		
Quality management	GPC-9. Able to implement the principles of quality management in the professional activity	AI.GPC-9 ₁ - has a grasp of the quality management system AI.GPC-9 ₂ - employs basic principles of quality assurance when working to achieve objectives of professional activity AI.GPC-9 ₃ - evaluates the results of own professional activity AI.GPC-9 ₄ - has a grasp of medical and statistical indicators of morbidity, disability and mortality that characterize overall health status of the population of district covered by a therapist; understands how these indicators are calculated, evaluated and documented;
Information literacy	GPC-10. A grasp of modern information technologies and is able to use them when working to achieve objectives of professional activity	AI.GPC-10 ₁ - understands the principles of searching for and exchange of information using professional communication technologies AI.GPC-10 ₂ - knows how to achieve objectives of professional activity using information technology; uses information technology when working to achieve objectives of professional activity

		AI.GPC-10 ₃ - understands the information security policies and complies with them when working to achieve objectives of professional activity
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3.2. Types of professional activity corresponding to competencies developed over the course of mastering **B1.C.52 Evidence-based medicine in outpatient practice:**

Types of professional activity objectives

1. *Medical*

Kinds of professional activity objectives

1. *Diagnostics*

2. *Treatment*

3. *Rehabilitation*

4. *Disease prevention*

5. *Administrative work*

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
			10
			hours
1		2	3
Classroom hours (total), including:		72	72
Lectures (L)		20	20
Practical classes (C)		52	52
Independent work of the student (IW), including:		36	36
<i>Electronic educational resource (EER)</i>		8	8
<i>Preparing for classes (CP)</i>		16	16
<i>Preparing for continuous assessment (CAP)</i>		8	8
<i>Preparation for interim assessment (IAP)</i>		4	4
Interim assessment			
Type of interim assessment	pass/fail test (T)	T	T
	exam (E)		
TOTAL: TOTAL credit value	hrs.	108	108
	credits	3	3

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. 10		
1.	Aspects of providing medical care to patients with CHF within the scope of evidence based medicine	2

2.	Interstitial lung diseases (ILD), patient management tactics within the scope of evidence based medicine	2
3.	Aspects of providing medical care to patients with COPD within the scope of evidence based medicine	2
4.	Aspects of providing medical care to patients with BA within the scope of evidence based medicine	2
5.	Community-acquired pneumonia. Patient management tactics within the scope of evidence based medicine	2
6.	Aspects of providing medical care to patients with diseases of the stomach and esophagus within the scope of evidence based medicine	2
7.	Aspects of providing medical care to patients with stable angina pectoris within the scope of evidence based medicine	2
8.	Aspects of providing medical care to patients with hypertension within the scope of evidence based medicine	2
9.	Aspects of providing medical care to patients with prediabetes and type II DM within the scope of evidence based medicine	2
10.	Cardiomyopathy. Patient management tactics within the scope of evidence based medicine	2
Hours per semester total		20

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

No.	Practical Class Topic	Hours
1	2	3
Semester No. 10		
1	Aspects of providing medical care to patients with hypertension within the scope of evidence based medicine	4
2	Aspects of providing medical care to patients with stable angina pectoris within the scope of evidence based medicine	4
3	Cardiomyopathy. Patient management tactics within the scope of evidence based medicine	4
4	Aspects of providing medical care to patients with CHF within the scope of evidence based medicine	4
5	Aspects of providing medical care to patients with prediabetes and type II DM within the scope of evidence based medicine	4
6	Aspects of providing medical care to patients with diseases of the liver, bile ducts, and the pancreas within the scope of evidence based medicine	4
7	Dyslipidemia and brachiocephalic artery stenosis, patient management tactics within the scope of evidence based medicine	4
8	Upper and lower respiratory tract infection. Aspects of patient management tactics within the scope of clinical guidelines	4
9	Anemia syndrome, patient management tactics within the scope of evidence based medicine	4
10	Aspects of providing medical care to patients with arrhythmia and impaired heart conduction within the scope of evidence based medicine	4
11	Diseases of the musculoskeletal system, patient management tactics within the scope of evidence based medicine	4
12	Aspects of providing medical care to patients with atrial fibrillation within the scope of evidence based medicine	4
13	Chronic bronchitis, COPD, and bronchial asthma within the scope of clinical guidelines	4
Hours per semester total		52

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. 10			
1	Evidence based medicine and clinical epidemiology in practice of a district doctor	Preparing for practical classes, preparing for continuous assessment, working with case studies, selecting and working with literary sources	4
2	Principles of evidence based medicine in the quality management system. Main quality management principles used while working to achieve professional objectives	Preparing for practical classes, preparing for continuous assessment, working with case studies, selecting and working with literary sources	4
3	Methodology of evidence based medicine: types of studies, systematic review, and meta-analysis	Preparing for practical classes, preparing for continuous assessment, working with case studies, selecting and working with literary sources	4
4	Clinical decision-making based on clinical guidelines in the outpatient practice of a physician	Preparing for practical classes, preparing for continuous assessment, working with case studies, selecting and working with literary sources	6
5	Evidence based medicine in the clinical practice of a physician: clinical guidelines, standards, and procedures. Select questions	Preparing for practical classes, preparing for continuous assessment, working with case studies, selecting and working with literary sources	10
6	Evidence based medicine in prevention of chronic non-infectious diseases. Interview (knowledge control)	Preparing for practical classes, preparing for continuous assessment, working with case studies, selecting and working with literary sources, preparing for the report and interview	8
Hours per semester total			36

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	Evidence-based medicine	Petrov V. I., Nedogoda S. V. Meditsina osnovannaya na protivstvakh uchebnoe posobie [Medicine based on evidence] in the BIC 1 2 3 4 5 1	. Moscow : GEOTAR-Media – 2012, 144 p. (in Russian). http://www.studmedlib.ru/ru/book/ISBN9785970423219.html	Unlimited access
2	General epidemiology with the basics of	under the editorship of V. I. Pokrovsky, N. I. Briko	2nd ed., ispr. and dop. - Moscow: GEOTAR-	Unlimited access

	evidence-based medicine: ruk. to practical classes: textbook. posobie [Electronic resource]		Media, 2017. - 496 p. URL: http://studentlibrary.ru	
3	Clinical guidelines of the Ministry of Health of the Russian Federation	Federation Ministry of Health of the Russian Federation	https://cr.minzdrav.gov.ru/	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	Introduction to medical statistics with the basics of epidemiological analysis	textbook. posobie [Electronic resource] / edited by N. D. Yushchuk, N. B. Naigovzina	. : GEOTAR-Media, 2021. - 192 p. URL: http://www.studentlibrary.ru	Unlimited access
2	Methodology for studying the epidemic process by statistical and analytical methods	monograph / S. L. Kolpakov	Pacific State Medical University. Vladivostok: Meditsina FE, 2023, 307 p. (in Russian) [1] p	5

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 \(tgmu.ru\)](http://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 \(tgmu.ru\)](http://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.	