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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

_____ / Trankovskaya L.V./
"9" июня 2025

DISCIPLINE WORK PROGRAM

Б1.В.ДВ.04.04 Allergic diseases in primary care physician (district doctor) practice

(name of discipline)

Specialty	**31.05.01 General Medicine for international students (in English)** (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)
Department	of Laboratory Diagnostics in General and Clinical Practice

Vladivostok, 2025

Program of the discipline **Б1.В.ДВ.04.04 Allergic diseases in primary care physician (district doctor) 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 for international students (in English), 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. 8/24-25 dated March 31, 2025.

Work program for the discipline was developed by the writing team of the department of Laboratory Diagnostics in General and Clinical Practice of the FSBEI HE PSMU of the Ministry of Health of Russia, under the guidance of the head of the department, Prosekova E.V. professor, doctor of medical sciences

Developed by:

Head of the Department of Laboratory Diagnostics in General and Clinical Practice	Doctor of Medical Sciences, professor	Prosekova E.V.
(position held)	(academic degree, academic title)	(full name)
Assistant professor	Candidate of Medical Sciences, Associate Professor	Sabynych V.A.
(position held)	(academic degree, academic title)	(full name)

1. GENERAL PROVISIONS

1.1. Purpose and Objectives of Mastering Б1.В.ДВ.04.04 Allergic diseases in primary care physician (district doctor) practice

The purpose of mastering the discipline is acquiring knowledge, skills, and professional competencies (based on the basic and specific knowledge and skills) that are necessary to independently successfully perform labor functions (outlined in the "Physician, M.D(primary care physician, district doctor)" Occupational standard) aimed at examination and treatment of patients with allergic diseases.

Objectives of mastering the discipline:

1. Acquiring basic knowledge on the pathogenesis of allergy and clinical allergology within the framework of "Physician, M.D(primary care physician, district doctor)" Occupational standard;
2. Acquiring knowledge and skills necessary to perform patient examination aimed at identifying allergic diseases (as outlined in the "Physician, M.D(primary care physician, district doctor)" Occupational standard);
3. Mastering knowledge and skills necessary to prescribe treatment to patients with allergic diseases and monitor its efficacy and safety (as outlined in the "Physician, M.D(primary care physician, district doctor)" Occupational standard).

2. DISCIPLINE AS PART OF THE BASIC EDUCATIONAL PROGRAM

Discipline **Б1.В.ДВ.04.04 Allergic diseases in primary care physician (district doctor) practice** is included in the Part developed by the parties of educational process of the basic educational program for the specialty **31.05.01 General Medicine for international students (in English)** and is part of the 12th semester's curriculum

3. PLANNED LEARNING OUTCOMES OF THE DISCIPLINE

3.1. Mastering the discipline **Б1.В.ДВ.04.04 Allergic diseases in primary care physician (district doctor) 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) Labor function	**Code and Name of competency of the graduate**	**Competency Indicators**
Professional Competencies		
A/02.7 Examination of the patient in order to make a diagnosis	PC-4 Ability and readiness to identify main pathological conditions, syndromes, symptoms of diseases, specific diseases of a patient in accordance with International Statistical Classification of Diseases and Related Health Problems	CI.PC-41- diagnoses syndromes and makes preliminary diagnoses based on the results of a physical examination in noninfectious and infectious diseases of internal organs; CI.PC-42- conducts differential diagnosis of noninfectious and infectious diseases of internal organs, assesses the prognosis, formulates the need for additional counseling by doctors of different specialties; CI.PC-43- makes the final diagnosis and formats it in accordance with the ICD
A/03.7 Prescribing treatment and monitoring its efficiency and safety	PC-6 Ability and readiness to select a type of patient routing based on current medical care procedures	CI.PC-61- has a grasp of the distribution of patient flows depending on the patient's reason for seeking medical help; CI.PC-62- identifies indications for

		referral of patients for specialized and high-tech medical care

3.2. Types of professional activity corresponding to competencies developed over the course of mastering **Б1.В.ДВ.04.04 Allergic diseases in primary care physician (district doctor) practice**:

Types of professional activity objectives

1. Medical

Kinds of professional activity objectives

1. Diagnostics

2. 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)		10	10
Preparing for continuous assessment (CAP)		10	10
Preparation for interim assessment (IAP)		6	6
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.	Immunological basis of allergy	2
2.	Introduction to clinical immunology. Allergic diseases in primary care physician (district doctor) practice. Principles of diagnosing allergic diseases	2
3.	Organization and procedure of providing medical aid in the sphere of “allergology and immunology”. Main principles of treatment of allergic diseases	2
4.	Drug allergy	2

5.	Food intolerance and food allergy	2
6.	Allergic diseases of respiratory organs	2
7.	Medical emergencies in allergology	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	Types of hypersensitivity reactions. Allergy. Allergen classification. Applied allergology. Principles of diagnosing allergic diseases	6
2	Main principles of treatment of allergic diseases	6
3	Protocols, standards, and clinical guidelines of Federal level on diagnosis and treatment of drug and food allergy	6
4	Protocols, standards, and clinical guidelines of Federal level on diagnosis and treatment of allergic diseases of respiratory organs and skin	6
5	Protocols, standards, and clinical guidelines of Federal level on diagnosis and treatment of anaphylaxis	6
6	Insect sting allergy and latex allergy	2
	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	Types of hypersensitivity reactions. Allergy. Allergen classification. Applied allergology	Preparing for practical classes Preparing for tests Working with literary sources Preparing for continuous assessment	2
2	Principles of diagnosing allergic diseases	Preparing for practical classes Preparing for tests Working with literary sources Preparing for continuous assessment	2
3	Main principles of treatment of allergic diseases	Preparing for practical classes Preparing for tests Working with literary sources Preparing for continuous assessment	2
4	Protocols, standards, and clinical guidelines of Federal level on diagnosis and treatment of drug allergy	Preparing for practical classes Preparing for tests Working with literary sources Preparing for continuous assessment	2
5	Protocols, standards, and clinical guidelines of Federal level on diagnosis and treatment of food allergy	Preparing for practical classes Preparing for tests Working with literary sources Preparing for continuous assessment	2
6	Protocols, standards, and clinical guidelines of Federal level on diagnosis and treatment of allergic diseases of respiratory organs	Preparing for practical classes Preparing for tests Working with literary sources Preparing for continuous assessment	2

7	Protocols, standards, and clinical guidelines of Federal level on diagnosis and treatment of allergic diseases of skin	Preparing for practical classes Preparing for tests Working with literary sources Preparing for continuous assessment	2
8	Protocols, standards, and clinical guidelines of Federal level on diagnosis and treatment of anaphylaxis	Preparing for practical classes Preparing for tests Working with literary sources Preparing for continuous assessment	4
9	Insect sting allergy	Preparing for practical classes Preparing for tests Working with literary sources Preparing for continuous assessment	1
10	Latex allergy	Preparing for practical classes Preparing for tests Working with literary sources Preparing for continuous assessment	1
11	Interim assessment	Preparing for interim assessment Working with literary sources	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	Аллергология и клиническая иммунология: клин. рек. [Электронный ресурс].	Под редакцией Р.М. Хаитов, Н.И. Ильиной	М.: ГЭОТАР-Медиа, 2019. - 336 с. URL: http://www.studentlibrary.ru/	Unlimited access
2	Иммунология и клиническая иммунология: учеб. пособие [Электронный ресурс]	Р. И. Сепиашвили, Е. А. Левкова, Т. А. Славянская, Р. А. Ханферьян.	М.: ГЭОТАР-Медиа, 2023. - 160 с. URL: http://www.studentlibrary.ru	Unlimited access
3	Клиническая аллергология: рук. для практ. врачей [Электронный ресурс].	Под ред. Н. М. Ненашевой, Б. А. Черняка	М.: ГЭОТАР-Медиа, 2022. - 917, [3] с. http://www.studentlibrary.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	Аллергодерматозы и их лечение с коррекцией сопутствующей патологии: Руководство для врачей [Электронный ресурс]	И.М. Романенко, В.В. Кулага, В.А. Лемешко.	М.: ООО «Издательство «Медицинское информационное агентство», 2023. - 720 с. URL: http://www.medlib.ru	Unlimited access
2	Иммунология: учебник [Электронный ресурс]	Р. М. Хаитов	4-е изд., перераб. и доп. - М.: ГЭОТАР-Медиа, 2023. - 520 с. URL: http://www.studentlibrary.ru	Unlimited access
3	Современные принципы аллерген-специфической иммунотерапии: руководство для врачей [Электронный ресурс]	Е. А. Орлова	М.: ГЭОТАР-Медиа, 2023. - 256 с. URL: http://www.studentlibrary.ru	Unlimited access

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 for international students (in English)** 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 Discipline **Б1.В.ДВ.04.04 Allergic diseases in primary care physician (district doctor) practice** 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. Discipline **Б1.В.ДВ.04.04 Allergic diseases in primary care physician (district doctor) practice** 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 Discipline **Б1.В.ДВ.04.04 Allergic diseases in primary care physician (district doctor) practice** 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 Discipline **Б1.В.ДВ.04.04 Allergic diseases in primary care physician (district doctor) practice** Focusing on civic values-oriented position and legal awareness. Cultivating mindful social position during professional activity.	
Social values	Overt Discipline **Б1.В.ДВ.04.04 Allergic diseases in primary care physician (district doctor) practice** 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 Discipline **Б1.В.ДВ.04.04 Allergic diseases in primary care physician (district doctor) practice** Identification in social structure during period of education and in professional activity.	