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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" мая 2025

DISCIPLINE WORK PROGRAM

Б1.О.23 Otorhinolaryngology

(name of discipline)

Specialty	**31.05.03 Dentistry for international students (in English)** (code, name)
Degree	Specialist's degree
Profile	02 "Healthcare" (in the field of providing health care in patients with dental pathology)
Mode of study	Full-time
Period of mastering the BEP	**5 years** (nominal length of study)
Department	of Ophthalmology and Otorhinolaryngology

Vladivostok, 2025

Program of the discipline **Б1.О.23 Otorhinolaryngology** is based on:
1) Federal State Educational Standard of Higher Education for the specialty approved by the Order No. 984 of Ministry of Science and Higher Education of the Russian Federation
dated August 12, 2020.

2) Curriculum for the 31.05.03 Dentistry for international students (in English), profile 02 "Healthcare" (in the field of providing health care in patients with dental pathology),
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 Ophthalmology and Otorhinolaryngology of the FSBEI HE PSMU of the Ministry of Health of Russia, under the guidance of the head of the department, professor, Doctor of Medical Sciences Fedyashev G.A.

Developed by:

Professor of the Department of Ophthalmology and Otorhinolaryngology	Doctor of Medical Sciences	Gilifanov E. A.
(position held)	(academic degree, academic title)	(full name)
Assistant professor of the Department of Ophthalmology and Otorhinolaryngology	Candidate of Medical Sciences	Fomina S.L.
(position held)	(academic degree, academic title)	(full name)

1. GENERAL PROVISIONS

1.1. Purpose and Objectives of Mastering Б1.О.23 Otorhinolaryngology

The purpose of mastering the discipline is acquiring knowledge of the conceptual foundations of otorhinolaryngology: morphophysiological and age-related characteristics of ENT organs, as well as the principles of diagnosing ENT organ pathology, treatment and prevention measures in otorhinolaryngology in conjunction with the body as a whole which provides a basis for studying other clinical disciplines and contributes to the development of medical thinking.

Objectives of mastering the discipline:

1. Developing clinical thinking, independence, creative activity in students; acquiring knowledge of connection between various physiological and pathological processes in ENT organs, general patterns of these processes in ENT organs and the human body as a whole, about the morphological, physiological and pathological features of ENT organs, their age-related characteristics;
2. Mastering methods of modern early diagnosis and specialized treatment of ENT pathology, as well as methods of preventing ENT diseases; acquiring emergency medical aid skills in otorhinolaryngology;
3. Mastering skills of studying scientific and specialized literature, communication with colleagues, patients, medical personnel.

2. DISCIPLINE AS PART OF THE BASIC EDUCATIONAL PROGRAM

Discipline **Б1.О.23 Otorhinolaryngology** is included in the Mandatory part of the Unit 1 of the basic educational program for the specialty 31.05.03 Dentistry for international students (in English), profile 02 "Healthcare" (in the field of providing health care in patients with dental pathology), and is part of the 7th semester's curriculum

3. PLANNED LEARNING OUTCOMES OF THE DISCIPLINE

3.1. Mastering the discipline **Б1.О.23 Otorhinolaryngology** 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		
Diagnosis and treatment of diseases	GPC-5. Is able to perform a patient examination in order to make a diagnosis when working to achieve objectives of professional activity	CI.GPC-5_1- performs medical examination of a patient using basic and general clinical skills, laboratory tests and diagnostic procedures CI.GPC-5_2- preemptively assesses the somatic state of all organs and systems in order to determine presence or absence of contraindications for complex and reconstructive dental procedures CI.GPC-5_3- evaluates medical examination results in order to make a diagnosis

	GPC-6. Is able to prescribe, monitor the efficacy and safety of non-pharmacological and pharmacological treatment when working to achieve objectives of professional activity	CI.GPC-6_1- prescribes pharmacological treatment, selects dosage of medications and treatment regimens, as well as non-pharmacological procedures in accordance with existing guidelines with no outside help CI.GPC-6_2- monitors the efficacy of treatment, adjusts the treatment regimen if necessary; uses medications in different pharmaceutical form taking into account aspects of dental treatment CI.GPC-6_3- considers contraindications when prescribing treatment and identifies adverse drug reaction

3.2. Types of professional activity corresponding to competencies developed over the course of mastering **Б1.О.23 Otorhinolaryngology**:

Types of professional activity objectives

1. *Medical*

Kinds of professional activity objectives

1. *Examination of the patient in order to make a diagnosis*
2. *Prescribing pharmacological and non-pharmacological treatment and monitoring its efficiency and safety*

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**
			7
			hours
1		2	3
Classroom hours (total), including:		**72**	**72**
Lectures (L)		16	16
Practical classes (C)		46	46
Electronic educational resource (EER): including online asynchronous lectures		10 (4 L+6 C)	10 (4 L+6 C)
Independent work of the student (IW), including:		**36**	**36**
Electronic educational resource (EER)		4	4
Writing a patient record		8	8
Writing library- research papers		16	16
Preparing for classes (CP)		8	8
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. 7	
1.	Introduction to otorhinolaryngology, its content and place among other branches of medicine. History of Russian otorhinolaryngology. Morphophysiological characteristics of the nose and paranasal sinuses	2
2.	Morphophysiological characteristics of the external nose: defects and deformities, injuries, nose furuncle, acute rhinitis, hematoma and abscess of the nasal septum	2
3.	Chronic rhinitis, rhinosinusitis, rhinogenic orbital and intracranial complications	2
4.	Morphophysiological characteristics of the auditory and vestibular systems	2
5.	Acute pathology of the middle and inner ear. Antritis, mastoiditis, mastoidectomy	2
6.	Chronic inflammation of the middle ear. Radical surgery. Types of tympanoplasty	2
7.	Non-purulent ear diseases: tubootitis, exudative and adhesive otitis media, otosclerosis, sensorineural hearing loss, Meniere's disease. Otogenic intracranial complications, otogenic sepsis	2
8.	Morphophysiological characteristics of the pharynx. Acute tonsillitis, classification, differential diagnosis, modern treatment methods. Retropharyngeal, parapharyngeal, and peritonsillar abscesses	2
9.	Chronic tonsillitis, its significance in the medical practice. Palatine and pharyngeal tonsils hypertrophy (EER: online lecture)	2
10.	Morphophysiological characteristics of the larynx. Acute and chronic laryngitis (EER: online lecture)	2
	Hours per semester total	**20 (4 hrs. online)**

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

No.	**Practical Class Topic**	**Hours**
1	2	3
	Semester No.	
1	Clinical anatomy, physiology, methods of examination of auditory system	6
2	Clinical anatomy, physiology, methods of examination of vestibular system	6
3	Clinical anatomy, physiology, methods of examination of nose and paranasal sinuses: features of maxillary sinus anatomy	6
4	Clinical anatomy, physiology, methods of examination of the pharynx, larynx, trachea, bronchi, esophagus	6
5	Acute and chronic pharyngeal pathology. Supervised patient management	6
6	Acute and chronic pathology of the outer, middle, inner ear	6
7	Otogenic intracranial complications. Ear diseases of non-inflammatory etiology	6
8	Acute and chronic pathology of the nose and paranasal sinuses: odontogenic maxillary rhinosinusitis	6

	(EER: 2 hrs. online)	
9	Rhinogenic orbital and intracranial complications (EER: 4 hrs. online)	4
	Hours per semester total	**52 (6 hrs. online)**

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. 7		
1	Supervised patient management	Writing a medical record	8
2	Infectious granulomas of the ENT organs	Writing a library-research paper	8
3	Tumors of the ENT organs	Writing a library-research paper	8
4	Preparing for practical classes	Preparing for tests and working with case studies, supervised patient management, acquiring practical skills (EER: 4 hrs. online)	12 (4 hrs. online)
	Hours per semester total		**36 (4 hrs. online)**

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	Palchun, V. T. Otorhinolaryngology: textbook	V. T. Palchun, A. I. Kryukov, M. M. Magomedov	M. : GEOTAR-Media, 2022. - 578, [12]	Unlimited access
2	Anatomy, physiology and research methods of ENT organs: textbook. the manual [Electronic resource]	E. A. Gilifanov, M. U. Korkmazov, L. B. Ardeeva	Vladivostok : Medicine FE 2025. - 167 c. URL: https://www.books-up.ru	Unlimited access
3	Vishnyakov, V. V. Otorhinolaryngology [Electronic resource] - 2nd ed., revised.	V. V. Vishnyakov	M. : GEOTAR-Media, 2022. - 392 c. URL: http://www.studentlibrary.ru	Unlimited access
4	Otorhinolaryngology: national guide [Electronic resource]	edited by V.T. Palchun	M. : GEOTAR-Media, 2020. - 1024 c. URL: http://www.studentlibrary.ru/	Unlimited access
5	Otorhinolaryngology : textbook / V. T. Palchun, A. I. Kryukov,	V. T. Palchun, A. I. Kryukov, M. M. Magomedov	M. : GEOTAR-Media, 2020. - 554 p. URL: http://www.studentlibrary.ru/	Unlimited access

6	Training manual for the discipline	V. P. Shpotin, A. A. Grigorieva	Astrakhan : Astrakhan SMU 2021. - 104 c. URL: https://www.books-up.ru	Unlimited access
7	Otorhinolaryngology	M. V. Subbotina.	Irkutsk: ISMU, 2023. - 84 c. URL: https://e.lanbook.com	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	Otorhinolaryngology : textbook [Electronic resource]	edited by S. A. Karpishchenko	M. : GEOTAR-Media, 2018. URL: http://www.studentlibrary.ru/	Unlimited access
2	Otorhinolaryngology [Electronic resource]	A. A. Gorokhov, U. K. Yanov, V. V. Dvoryanchikov, V. G. Mironov.	- 2nd edition, expanded and corrected. St. Petersburg : SpecLit, 2019. 224 p. URL: https://www.books-up.ru	Unlimited access
3	Palchun V. T. Otorhinolaryngology : textbook [Electronic resource]	V. T. Palchun, A. I. Kryukov, M. M. Magomedov	- 5nd edition, expanded and corrected M. : GEOTAR-Media, 2024. - 584 c. URL: http://www.studentlibrary.ru	Unlimited access
4	Palchun V. T. Otorhinolaryngology	V. T. Palchun, A. I. Kryukov, M. M. Magomedov	M. : GEOTAR-Media, 2020. - 560 c. http://www.studentlibrary.ru/	Unlimited access
5	Subbotina, M. V. Situational tasks in otorhinolaryngology: collection of tasks	M. V. Subbotina, O. V. Antipina. - Irkutsk	ISMU, 2019. - 91 c. URL: https://e.lanbook.com	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 31.05.03 Dentistry 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 Talks and problem-centric debates; participation in workshops, Olympiads, professional events (as volunteers, organizers, administrators)	Portfolio
	Covert – creating atmosphere and infrastructure, ethics, and deontology of medical environment	
Civic position and values	Overt Cultivating a patriotic civic position	Portfolio
	Covert Cultivating ideological position	
Social values	Overt Focusing on healthy lifestyle as a general cultural value	Portfolio
	Covert Focusing on health and life as universal human values and the center social values	