

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*

Supervisor  
educational program

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

" *Belousova* 20 *20*

**DISCIPLINE WORKING PROGRAM**

**OTORHINOLARYNGOLOGY**

Speciality 31.05.01 General medicine

Form of education full-time

Rostov-on-Don  
2020

## I. GOALS AND OBJECTIVES OF MASTERING THE DISCIPLINE

### Target:

- the goal of mastering the academic discipline “Otorhinolaryngology” is to master professional knowledge, as well as the principles and methods of examination, treatment and prevention of diseases of the ENT organs

### Tasks:

- students' acquisition of professional knowledge;
- teaching students the most important inspection techniques;
- teaching students to recognize pathology when examining a patient, when determining the severity of the pathological process;
- education students skill highlight presenters clinical signs, symptoms, syndromes, etc.,
- teaching students how to choose optimal methods general clinical examinations at various diseases And compilation differential diagnostic algorithm;
- education carrying out full volume medicinal, rehabilitation And preventive measures among patients with various nosological forms of diseases;
- training students to provide first aid to patients medical assistance in case of emergency conditions;
- training students in choosing optimal schemes; treatment of the most common diseases;
- training students in the preparation of medical documentation (medical inpatient or outpatient cards, certificates of incapacity for work, statistical coupons, etc.);
- familiarization students With principles organizations And work therapeutic preventive institutions of various types;
- formation of communication skills with patients, taking into account ethics and deontology, depending on the identified pathology and characterological characteristics of patients;
- developing student communication skills with the team.

## II. REQUIREMENTS FOR THE RESULTS OF MASTERING THE DISCIPLINE

The process of studying the discipline is aimed at developing the following competencies in accordance with the Federal State Educational Standard of Higher Education and the EP of Higher Education in this specialty:

### **A) general professional (OPK):**

OPK – 5 - ability and willingness to analyze the results of one's own activities to prevent professional errors;

GPC – 8 - readiness for medical use of drugs and other substances and their combinations in solving professional problems;

OPK - 11 - readiness for the use of medical devices provided for in the procedures for providing medical care;

### **b) professional (PC)**

PC – 2 - ability and readiness to conduct preventive medical examinations, medical examinations and follow-up;

PC – 6 - the ability to determine the patient's main pathological conditions, symptoms, disease syndromes, nosological forms in accordance with the International Statistical Classification of Diseases and Related Health Problems, X revision;

PC – 8 - ability to determine tactics for managing patients with various nosological forms;

PC – 10 - readiness to provide 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;

PC – 15 - readiness to teach patients and their relatives basic hygienic measures of a health-improving nature, self-monitoring skills of basic physiological indicators that contribute to the preservation and strengthening of health, and disease prevention.

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

2.1. Academic discipline is basic

2.2. The formation of the above competencies is facilitated by the study of the following previous disciplines:

#### Normal human anatomy.

Knowledge: The anatomical structure of a person is normal.

Skills: Possession of theoretical knowledge. Orientation in medical terminology.

Skills: Application of acquired knowledge and skills in this discipline.

#### Pathological human anatomy Knowledge: The

anatomical structure of a person in normal and pathological conditions.

Skills: Determine pathology from normal.

Skills: Application of acquired knowledge and skills in this discipline.

#### Normal physiology

Knowledge: Normal physiological processes in the human body.

Skills: Understanding the laws and principles of normal physiological processes in the human body.

Skills: Application of acquired knowledge and skills in this discipline.

#### Pathological physiology

Knowledge: Pathological physiological processes in the human body.

Skills: Determine pathology from the norm. Understanding the cause of the pathological process.

Skills: Application of acquired knowledge and skills in this discipline.

#### general surgery

Knowledge: Basics surgery. Principles And concepts asepsis And antiseptics.

Normal pathological indicators of human “tests”.

Skills: Application of principles and methods of examination and treatment of surgical diseases. Ability to carry out differential diagnosis with other diseases.

Skills: Application of acquired knowledge and skills in this discipline.

#### Neurology

Knowledge: Neurological diseases.

Skills: Application of principles and methods of examination and treatment of neurological diseases. Ability to carry out differential diagnosis with other diseases.

Skills: Application of acquired knowledge and skills in this discipline.

2.3. Discipline otorhinolaryngology creates preconditions formations specified competencies by disciplines:

#### Therapy

Knowledge: Therapeutic diseases. Normal pathological indicators

“analyses” of a person.

Skills: Application of principles and methods of examination and treatment of therapeutic diseases. Ability to carry out differential diagnosis with other diseases.

Skills: Application of acquired knowledge and skills in this discipline.

#### Infectious diseases

Knowledge: Infectious diseases.

Skills:Application of principles and methods of examination and treatment of infectious diseases. Ability to carry out differential diagnosis with other diseases.

Skills: Application of acquired knowledge and skills in this discipline.

*Ophthalmology*

Knowledge: Ophthalmic diseases.

Skills:Application of principles and methods of examination and treatment of ophthalmic diseases. Ability to carry out differential diagnosis with other diseases.

Skills: Application of acquired knowledge and skills in this discipline.

As a result of mastering the discipline, the student must:

Know: diseases of the ENT organs.

Be able to: apply the principles and methods of examination and treatment of diseases of the ENT organs. Be able to carry out differential diagnosis with other diseases.

Own: acquired knowledge and skills in this discipline.

**IV. CONTENT AND STRUCTURE OF DISCIPLINE**

**The labor intensity of the discipline is 4 z - 144 hours**

**4.1. Sections of the discipline studied in the 7th semester**

No. section a	Section name	Number of hours					
		Total	Contact work				SRS
			L	WIT H	ETC	LR	
Semester 7							
		136	16	-	48	-	36

1	History of otorhinolaryngology and Rostov ENT school. Methods and techniques for endoscopic examination of ENT organs. Protocols and standards for emergency care in otorhinolaryngology.		2 hours		2 hours		3 hours
2	Anatomy and physiology of the nose and paranasal sinuses.				4 hours		3 hours
3	Diseases of the nose and paranasal sinuses.		2 hours		4 hours		3 hours
4	Anatomy, physiology and methods of research of auditory and vestibular analyzers				4 hours		3 hours
5	Inflammatory pharynx diseases		2 hours		4 hours		3 hours
6	Inflammatory diseases of the larynx		2 hours		4 hours		3 hours
7	Inflammatory diseases of the outer and middle ear		2 hours		4 hours		3 hours
8	Non-purulent ear diseases		2 hours		4 hours		3 hours
9	Otogenic intracranial complications		2 hours		4 hours		3 hours

10	Injuries to the nose and paranasal sinuses. Nosebleeds		2 hours		4 hours		3 hours
eleven	Foreign bodies of ENT organs				4 hours		3 hours
12	Tumors of ENT organs. Final lesson.				6 hours		3 hours
	Interim certification form (exam)						
	<i>Total:</i>	136	16	-	48	-	36

**SRS-** independent work of students

**L-** lectures

**WITH-** seminars (in accordance with the RUP)

**LR** –laboratory work (in accordance with the RUP)

**ETC-** practical exercises (in accordance with the RUP, they include clinical practical exercises)

#### 4.2. Contact work

##### Lectures

Section no.	No. lectures	Lecture topics	Number of hours
Semester 7			
1.	1	History of otorhinolaryngology and the Rostov ENT school. Methods and techniques for endoscopic examination of ENT organs. Emergency protocols and standards assistance in otorhinolaryngology.	2 hours
2.	2	Diseases of the nose and paranasal sinuses	2 hours
3.	3	Inflammatory diseases of the pharynx	2 hours
4.	4	Inflammatory diseases of the larynx	2 hours

5.	5	Inflammatory diseases of the external and	2 hours
6.	6	Non-purulent ear diseases	2 hours
7.	7	Otogenic intracranial complications	2 hours
8.	8	Foreign bodies of ENT organs	2 hours
Total hours:			16

### Practical work

No. section a	No. Semina, PR	Topics of practical work	Number of hours per	Forms of current control
Semester 7				
1.	1	History of otorhinolaryngology and the Rostov ENT school. Methods and techniques for endoscopic examination of ENT organs. Protocols and standards for emergency care in otorhinolaryngology.	4 hours	Survey
2.	2	Anatomy and physiology of the nose and paranasal sinuses.	4 hours	Tested
3.	3	Diseases of the nose and paranasal sinuses.	4 hours	Survey
4.	4	Anatomy, physiology and research methods of the auditory and vestibular analyzers	4 hours	The decision is situational tasks
5.	5	Inflammatory diseases of the pharynx	4 hours	Survey
6.	6	Inflammatory diseases of the larynx	4 hours	Tested. Disease history
7.	7	Inflammatory diseases of the external and middle ear	4 hours	Survey
8.	8	Non-purulent ear diseases	4 hours	Disease history
9.	9	Otogenic intracranial complications	4 hours	Survey
10.	10	Injuries to the nose and paranasal sinuses. Nosebleeds	4 hours	The decision is situational tasks



<b>No. section a</b>	<b>No. Semina, PR</b>	<b>Topics of practical work</b>	<b>Number of hours per</b>	<b>Forms of current control</b>
eleven.	eleven	Foreign bodies of ENT organs	4 hours	Survey
12.	12	Tumors of ENT organs. Final lesson.	4 hours	Survey
Total hours:			48 hours	

### 4.3. Independent work of students

<b>No. section a</b>	<b>Type of independent work of students</b>	<b>Number of hours</b>	<b>Forms of current control</b>
Semester 7			
1	Preparation for current control	3 hours	Survey
2	Preparation for current control	3 hours	Survey
3	Preparation for current control	3 hours	Survey
4	Preparation for current control	3 hours	Survey
5	Preparation for current control	3 hours	Survey
6	Preparation for current control	3 hours	Survey
7	Preparation for current control	3 hours	Survey
8	Preparation for current control	3 hours	Survey
9	Preparation for current control	3 hours	Survey
10	Preparation for current control	3 hours	Survey
eleven	Preparation for current control	3 hours	Survey
12	Preparation for current control	3 hours	Survey
Total:		36 hours	

**V. ASSESSMENT FUND FOR CURRENT CONTROL,**

## INTERMEDIATE CERTIFICATION

The fund of assessment tools for determining the level of development of competencies as a result of mastering the discipline is an appendix to the work program.

### VI. EDUCATIONAL AND METHODOLOGICAL SUPPORT OF DISCIPLINE

#### 6.1. Main literature.

1. Palchun V.T. Otorhinolaryngology: a textbook for medical professionals. universities / V.T. Palchun, M.M. Magomedov, L.A. Luchikhin. – M.: Medicine, 2007. - 576 p.
2. Palchun V.T. Otorhinolaryngology: a textbook for medical professionals. universities / V.T. Palchun, M.M. Magomedov, L.A. Luchikhin. – M.: GEOTAR-Media, 2013. - 581 pp. + textbook from the student's consultant.
3. Order of the Ministry of Health of Russia dated November 12, 2012 No. 905n: Procedure for providing medical care to the population in the field of otorhinolaryngology. Access from the Guarantor. Access mode:<http://www.garant.ru/>

#### 6.2. Additional literature.

1. Zolotova T.V. Sensorineural hearing loss: monograph / T.V. Zolotova. – Rostov n/d: Book, 2013. - 543 p. No.
2. Kiselev V.V. Situational tasks in otorhinolaryngology for students of higher medical educational institutions: textbook / V.V. Kiselev, T.V. Zolotova, I.V. Stagnieva; under general ed. A.G. Volkov; GBOU VPO RostSMU, department. diseases of the ear, nose and throat. – Rostov n/d: Rostov State Medical University Publishing House, 2012. - 79 p.
3. Methodological instructions for preparing students for practical classes in otorhinolaryngology / compiled by: A.G. Volkov, T.V. Zolotova, V.V. Kiselev [and others]; GBOU VPO RostSMU, department. diseases of the ear, nose and throat. – Rostov n/d: Publishing house of Rostov State Medical University, 2009. - 47 p.
4. Main clinical symptoms of respiratory pathology: method. rec. / comp.: G.N. Tarasova; GBOU VPO RostSMU. - 2nd ed., add. and processed - Rostov n/d: Publishing house RostGMU, 2011. - 31 p.
5. Puncture of the maxillary sinus: history, indications, technique and possible complications: textbook. manual for university students / P.A. Kondrashev, T.V. Zolotova, V.V. Kiselev [and others]; under general ed. A.G. Volkova; Height. state honey. university, department diseases of the ear, nose and throat. – Rostov n/d: Publishing house of Rostov State Medical University, 2015. - 46 p.
6. Respiratory system: objective status in normal and pathological conditions: method. rec. / comp.: G.N. Tarasova; GBOU VPO RostSMU. - ed. 2nd, add. and processed – Rostov n/d: Publishing house RostGMU, 2011. - 51 p.

7. Tests for monitoring knowledge in otorhinolaryngology among students of the Faculty of Treatment and Prevention. Part 2: test materials /

- comp.: T.V. Zolotova, V.V. Kiselev, N.V. Dubinskaya [and others]; State Budgetary Educational Institution of Higher Professional Education Rost State Medical University of the Ministry of Health of Russia, department. Ear, nose and throat diseases. – Rostov n/d: Publishing house of Rostov State Medical University, 2014. – 64 p.
8. Caring for patients who have undergone otorhinolaryngological operations: method. rec. for students / compiled by: A.G. Volkov, T.V. Zolotova, V.V. Kiselev [and others]; GBOU VPO RostSMU, department. diseases of the ear, nose and throat. – Rostov n/d: Rostov State Medical University Publishing House, 2011. - 10 p.
  9. Methodological instructions for preparing students for practical classes in otorhinolaryngology / compiled by: A.G. Volkov, T.V. Zolotova, V.V. Kiselev [and others]; GBOU VPO RostSMU, department. diseases of the ear, nose and throat. – Rostov n/d: Publishing house of Rostov State Medical University, 2009. - 47 p.
  10. Main clinical symptoms of respiratory pathology: method. rec. / comp.: G.N. Tarasova; GBOU VPO RostSMU. - 2nd ed., add. and processed - Rostov n/d: Publishing house RostGMU, 2011. - 31 p.
  11. Respiratory system: objective status in normal and pathological conditions: method. rec. / comp.: G.N. Tarasova; GBOU VPO RostSMU. - Ed. 2nd, add. and processed – Rostov n/d: Publishing house RostGMU, 2011. - 51 p.
  12. Tests for monitoring knowledge in otorhinolaryngology among students of the Faculty of Treatment and Prevention. Part 2: control and measuring materials / comp.: T.V. Zolotova, V.V. Kiselev, N.V. Dubinskaya [and others]; State Budgetary Educational Institution of Higher Professional Education Rost State Medical University of the Ministry of Health of Russia, department. Diseases of the ear, nose and throat. – Rostov n/d: Publishing house of Rostov State Medical University, 2014. – 64 p.
  13. Caring for patients who have undergone otorhinolaryngological operations: method. rec. for students / compiled by: A.G. Volkov, T.V. Zolotova, V.V. Kiselev [and others]; GBOU VPO RostSMU, department. diseases of the ear, nose and throat. – Rostov n/d: Rostov State Medical University Publishing House, 2011. - 10 p.
  14. Acute sinusitis. Clinical recommendations of the Ministry of Health of the Russian Federation, 2016 – 30 p. – Access from the Chief Otorhinolaryngologist. Access mode:<http://glav-otolar.ru/>
  15. Acute tonsillopharyngitis. Clinical recommendations of the Ministry of Health of the Russian Federation, 2016 – 24 p. – Access from the Chief Otolaryngologist. Access mode:<http://glav-otolar.ru/>

### 6.3. Internet resources

No.	Electronic educational resources	Access to resource
-----	----------------------------------	--------------------

1	<b>Electronic educational library</b> RostSMU [Electronic resource]. - Access mode: <a href="http://80.80.101.225/opacg">http://80.80.101.225/opacg</a>	Unlimited access
2	<b>Student Advisor</b> [Electronic resource]: EBS. – M.: OOO "IPUZ". - Mode access: <a href="http://www.studmedlib.ru">http://www.studmedlib.ru</a>	Access is not limited
3	<b>Single window of access to information resources</b> [Electronic resource].- Access mode: <a href="http://window.edu.ru/">http://window.edu.ru/</a> [12.02.2018].	Open access
4	<b>Russian education. Federaleducational portal</b> [Electronic resource]. - Modeaccess: <a href="http://www.edu.ru/index.php">http://www.edu.ru/index.php</a> [02/22/2018].	Open access
5	Reference legal system “Consultant Plus” [Electronic resource]. - Access mode: <a href="http://www.consultant.ru">http://www.consultant.ru</a>	Access limited
6	<a href="http://www.law.edu.ru/">Legal Russia</a> [Electronic resource]: federal legal portal. - Access mode: <a href="http://www.law.edu.ru/">http://www.law.edu.ru/</a> [02/22/2018].	Open access
7	<b>Official Internet portal of legal information</b> [Electronic resource]. - Access mode: <a href="http://pravo.gov.ru/">http://pravo.gov.ru/</a> [02/22/2018].	Open access
8	<b>Federal electronic medicalLibrary of the Russian Ministry of Health</b> [Electronic resource]. - Access mode: <a href="http://www.femb.ru/feml/">http://www.femb.ru/feml/</a> , <a href="http://feml.scsml.rssi.ru">http://feml.scsml.rssi.ru</a> [02/22/2018].	Open access
9	<b>Electronic librarysubscription of the Central Scientific Medical Library (EBA CNMB)</b> [Electronic resource] / OOOMIP “Med. information resources”; 1MGMU named after. THEM. Sechenov. - Access mode: <a href="http://www.emll.ru/newlib/">http://www.emll.ru/newlib/</a>	Access limited
10	<b>Scientific electronic library eLIBRARY</b> [Electronic resource]. - Access mode: <a href="http://elibrary.ru">http://elibrary.ru</a>	Open access
eleven	<b>National electronic library</b> [Electronic resource].- Access mode: <a href="http://neb.rf/">http://neb.rf/</a>	Unlimited access
12	<b>Scopus</b> [Electronic resource] / Elsevier Inc., Reed Elsevier. – Electronic data. – Philadelphia: Elsevier BV, PA, 2015. – Access mode: <a href="http://www.scopus.com/">http://www.scopus.com/</a>	Access limited

#### 6.4. Information help systems

Consultant Plus [Electronic resource]: reference. legal system. - Access mode:<http://www.consultant.ru> [02/22/2018]

### **6.5. Guidelines for students on mastering the discipline**

Education folds up from classrooms classes (144 hour.), including lecture course and practical classes, and independent work (36 hours).

When studying an academic discipline (module), it is necessary to use and master practical skills (methods for examining ENT organs in the form of mutual examination

under the supervision of a teacher (examination of the ear, nose, pharynx, larynx, determination of hearing acuity, vestibular tests, etc.), and subsequently - examination of patients in the ENT department and each student completing an educational medical history with a description of ENT status).

Practical classes are conducted in the form of seminars, demonstration and use of visual aids, solving situational problems, answering test tasks, analyzing clinical patients.

Working with educational literature is considered as a type of educational work in the discipline of otorhinolaryngology and is performed within the hours allocated for its study (in the SRS section).

Each student is provided with access to the University's library collections.

For each section of the academic discipline, methodological recommendations for students have been developed: “Methodological recommendations for preparing students for practical classes in otorhinolaryngology” - Volkov A.G., Zolotova T.V., Kiselev - Rostov-on-Don, 2009 and methodological instructions for teachers “Methodological recommendations for conducting practical classes with students in otorhinolaryngology” - Zolotova T.V., Kiselev V.V., Dubinskaya N.V. Under the general editorship of Volkov A.G. - Rostov-on-Don, 2013 - 107 p.

While studying an academic discipline, students independently conduct a survey and collect an anamnesis of the patient’s diseases; each student submits a medical record (medical history) of an inpatient patient supervised by him throughout the entire cycle, consisting of the following main sections: passport data, complaints, anamnesis, description of general and local status, differential diagnosis, treatment prescription, treatment and work recommendations at the follow-up stage, literature reference.

Writing an educational medical history contributes to the formation of professional skills.

Student work in a group develops a sense of teamwork and communication skills.

Teaching students helps develop their communication skills with patients, taking into account the ethical and deontological characteristics of pathology and patients. Independent work with patients contributes to the formation of analytical, communicative and cognitive behavior, accuracy, and discipline.

Current control of subject mastery is determined by oral questioning during classes, during clinical discussions, when solving typical situational problems and answering test tasks. At the end of studying the academic discipline, an intermediate knowledge control is carried out using an oral interview.

## VII. MATERIAL AND TECHNICAL SUPPORT OF DISCIPLINE

No.	Name of discipline (module), practitioner Vin accordance with the curriculum	Name of special premises and premises for independent work	Equipment of specialrooms and rooms for independent work
	Otorhinolaryngology	344000, Rostov region, Rostov-on-Don, prospect Voroshilovsky Varfolomeeva/Tekucheva	The premises are equipped



		105/243/264 Liter OA - MBUZ GB No. 1 them. ON THE. Semashko, Department of Ear, Nose and Throat Diseases Lecture room No. 1 for conducting lecture-type classes in the discipline "Otorhinolaryngology"	specialize deducational furniture: tables-1, chairs-95  Technical means training serving to present educational information large audience:  Workstation Core E7400 with monitor and mouse-1; X-ray viewer N-48-1;
	Otorhinolaryngology	344000, Rostov region, Rostov-on-Don, prospect Voroshilovsky/Varfolomeeva/ Tekucheva105/243/264 – MBUZ GB No. 1 named after N.A. Semashko, Department of Ear, Nose and Throat Diseases, premises for conducting practical classes. Study room No. 1 for group and individual consultations, ongoing monitoring of intermediate certification in the discipline "Otorhinolaryngology"	<b>training room No. 1</b>  ear funnels 2 pcs; mirror laryngeal-3 pcs; nasal speculum-3 pcs; Tuning fork - 4 pcs; tray-3pcs;surgical tweezers - 2 pcs; reflector frontal - 3 pieces; alcohol lamp laboratory - 1 piece; table medical 1 PC; X-ray viewer N-48-1
	Otorhinolaryngology	344000, Rostov region, Rostov-on-Don, prospect Voroshilovsky/Varfolomeeva/ Tekucheva105/243/264 - MBUZ GB No. 1 named after. ON THE. Semashko, Department of Ear, Nose and Throat Diseases, premises for conducting practical classes. Study room No. 2	<b>training room No. 2</b>  ear specula 3pcs; mirror laryngeal-3 pcs; nasal speculum-3 pcs; tuning fork - 4 pcs; tray-3pcs; surgical tweezers

			– 2 PC; reflector frontal - 3 pieces; alcohol lamp laboratory - 1 piece; table medical
			1 PC.
Otorhinolaryngology	344000, Rostov region, Rostov-on-Don, prospect Voroshilovsky/Varfolomeeva/ Tekucheva105/243/264 MBUZ GB No. 1 named after. ON THE. Semashko, Department of Ear, Nose and Throat Diseases premises for conducting practical classes. Study room No. 3 for group and individual consultations, ongoing monitoring of intermediate certification in the discipline "Otorhinolaryngology"		<b>training room No. 3</b> ear funnels 2 pcs; board educational - 1 piece; mirror laryngeal-3 pcs; nasal speculum-4 things; tuning fork - 4 pcs; 2-door wardrobe - 1, tray-3pcs; surgical tweezers – 2 PC; reflector frontal - 3 pieces; alcohol lamp laboratory - 1 piece; table medical 1 PC; X-ray viewer N-48-1.
Otorhinolaryngology	344000, Rostov region, Rostov-on-Don, prospect Voroshilovsky/Varfolomeeva/ Tekucheva105/243/264 – MBUZ GB No. 1 named after. ON THE. Semashko, Department of Ear, Nose and Throat Diseases, premises for conducting practical classes. Study room No. 4 for group and individual consultations, ongoing monitoring of intermediate certification in the discipline "Otorhinolaryngology"		<b>training room No. 4</b> ear funnels 2 pcs; board educational - 1 piece; mirror laryngeal-3 pcs; nasal speculum-3 pcs; tuning fork - 4 pcs; Wardrobe 2 doors - 1; tray-3pcs;surgical tweezers - 2 pcs; reflector frontal - 3 pieces; alcohol lamp laboratory - 1 piece; table medical 1 PC.
Otorhinolaryngology	344000, Rostov region, Rostov-on-Don, prospect Voroshilovsky/Varfolomeeva/ Tekucheva105/243/264 – MBUZ GB No. 1 named after. ON THE.		<b>training room No. 5</b> ear funnels 1 piece; mirror laryngeal-3 pcs; nasal speculum-3 pcs; tray-

		Semashko, Department of Ear, Nose and Throat Diseases, premises for conducting practical classes. Study room No. 5 for group and individual consultations, ongoing monitoring of intermediate certification in the discipline "Otorhinolaryngology"	3pcs;surgical tweezers - 2 pcs; reflector frontal - 3 pieces; alcohol lamp laboratory - 1 piece; table medical 1 PC. X-ray viewer N-48-
			1
	Otorhinolaryngology	344000, Rostov region, Rostov-on-Don, prospect Voroshilovsky/Varfolomeeva/ Tekucheva105/243/264 – MBUZ GB No. 1 named after. ON THE. Semashko, Department of Ear, Nose and Throat Diseases premises for conducting practical classes, Study room No. 6 for group and individual consultations, ongoing monitoring of intermediate certification in the discipline "Otorhinolaryngology"	<b>training room No. 6</b> ear funnels 2 pcs; mirror laryngeal-3 pcs; nasal speculum-3 pcs; tray-3pcs;surgical tweezers - 2 pcs; reflector frontal - 3 pieces; alcohol lamp laboratory - 1 piece; table medical 1 PC.
	Otorhinolaryngology	344000, Rostov region, Rostov-on-Don, prospect Voroshilovsky/Varfolomeeva/ Tekucheva105/243/264 – MBUZ GB No. 1 named after. ON THE. Semashko, Department of Ear, Nose and Throat Diseases, premises for conducting practical classes. Study room No. 7 for group and individual consultations, ongoing monitoring of intermediate certification in the discipline "Otorhinolaryngology"	<b>training room No. 7</b> ear funnels 2 pcs; laryngeal mirror - 3 pieces; mirror nasal-3pcs;tray-3pcs;surgical tweezers - 2 pcs; reflector frontal - 3 pieces; alcohol lamp laboratory - 1 piece; table medical 1 PC. X-ray viewer N-48-1  Bronchoesophagoscope BEF-1;

	Otorhinolaryngology	344022, Rostov region, Rostov-on-Don, lane. Nakhichevansky, 38/57-59/212-214 (No. 41, Liter A-Ya, 2 floor, 4th floor, Liter B-A, 6th floor) 344022, Rostov region, Rostov-on-Don, st. Adygei/Pushkinskaya 12/191. Special rooms for independent work - library reading rooms, department auditorium Physics, Department of Automation and Monitoring of Educational Quality	Computer equipment with Internet connection  And providing access to the EIOS RostSMU
	Otorhinolaryngology	344000, Rostov region, Rostov-on-Don, Voroshilovsky/Varfolomeeva/Tekucheva Avenue 105/243/264 – Municipal Budgetary Institution GB No. 1 named after. ON THE. Seashko Laboratory room - room For storage and preventive service	Storage furniture educational equipment:  Wardrobe 2 doors - 1;
		educational equipment	Technical means for preventive maintenance of educational equipment:  Sterilization cabinet ShSS-80-1; <del>Chest</del> dry heat ShSvL-80-1; chair ORION- 1; Fax Panasonic KX- FT 78-1



