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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

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"11th" of April 2025

SUBJECT GUIDE FOR TEACHERS AND STUDENTS FOR

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

Subject guide for teachers and students for **Б1.О.23 Otorhinolaryngology** 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 31.05.03 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.

Subject guide for teachers and students for **Б1.О.23 Otorhinolaryngology** 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:

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1. GENERAL PROVISIONS

Subject guide for **Б1.О.23 Otorhinolaryngology** is a set of recommendations and explanations that facilitate to optimal organization of mastering this discipline.

Regular analysis of lecture materials and work with end-of-the-text questions are necessary for better understanding of the material and systematization of knowledge of **Б1.О.23 Otorhinolaryngology**. Particular attention should be paid to emerging questions, confusing terms, and conflicts of points of view during the independent review of the lecture material. If necessary, a student should contact the teacher for advice. Lecture material streamlines students' thinking, while practical classes provide deeper insight into the material of the discipline.

Special attention should be paid to the content of the main provisions and conclusions, explanation of phenomena and facts, and clarification of the practical application of theoretic aspects of topic when preparing for a practical class. During this process students should aim to understand and remember the main provisions of the material under consideration, examples provided, as well as understand the illustrative material.

Collections of assessment tools are used to organize independent study of topics of **Б1.О.23 Otorhinolaryngology.**

Independent work of students is facilitated by the following:

1. availability and accessibility of the necessary educational and reference material;
2. a system of regular quality control of completed independent work;
3. availability of teacher's advice.

Subject guides for self-study are presented as literary sources. Subject guides for independent work of students include a list of library resources of the educational institution and other materials accessible to students.

Independent work is a type of in-person extracurricular work of teachers and students of **Б1.О.23 Otorhinolaryngology**. Control of independent work is conducted by the leading teacher. Evaluation of independent work results is taken into account when conducting interim examination of students throughout **Б1.О.23 Otorhinolaryngology** course.

Continuous assessment during **Б1.О.23 Otorhinolaryngology** course is implemented in order to check indicators of achieving competencies, to stimulate students' academic work, and improve methods of mastering new knowledge. Continuous assessment during **Б1.О.23 Otorhinolaryngology** course is conducted during the semester to assess all types and sections of the academic discipline that encompass the competencies developed by the discipline: classroom questioning, working with tests, preparing slides presentations, conducting research. Continuous assessment of students' knowledge and results of their preparation for practical classes is conducted during every class session.

Interim assessment aims to determine the level of mastery of competency indicators. It is conducted in the test format after the student has mastered all sections of **Б1.О.23 Otorhinolaryngology** and takes into account learning outcomes for all types of student work over the entire period of mastering **Б1.О.23 Otorhinolaryngology** course.

Time allotted for interim assessment is indicated in the schedule.

Assignments given during practical classes, as well as assignments aimed to prepare students for continuous and interim assessment, are included in the collection of assessment tools for **Б1.О.23 Otorhinolaryngology**. If necessary, students should contact the teacher for advice. It is necessary to thoroughly think over questions that need clarification before seeking teacher's advice.

2. SUBJECT GUIDES FOR LECTURE CLASSES

Table 1. Subject Guides for **Б1.О.23 Otorhinolaryngology** Lectures

Topic No.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	
Duration of the lecture (in academic hours):	2
Purpose of the lecture: 1. tell students about the history of the development of otorhinolaryngology, determine its content and get acquainted with the morpho-physiological characteristics of the nose and paranasal sinuses; 2. define the anatomical structures and functions of the nose and paranasal sinuses; 3. analyze the methods of examining the nose and paranasal sinuses.	
Lecture plan, order of presentation of its sections: - Introduction to otorhinolaryngology, its content and place among other branches of medicine - History of development of otorhinolaryngology - Morphophysiological characteristics of the nose and paranasal sinuses - Main functions of the nose and paranasal sinuses and methods of examining them	
Recommended reading: 1. Palchun V. T., Kryukov A. I., Magomedov M. M. Otorhinolaryngology : textbook Electronic resource, ed. by V. T. Palchun, M. M. Magomedov. - 4th ed., reprint. Moscow: GEOTAR-Media Publ., 2020, 592 p. URL: http://studentlibrary.ru 2. Electronic Otorhinolaryngology: textbook Edited by A. A. Gorokhov, Yu. K. Yanov, V. V. Dvoryanchikov, V. G. Mironov. - 2nd ed. supplement. and that's it.. - SPB [Electronic resource]: textbook SPb.: SpetsLit, 2019. - 224 p. URL: https://www.books-up.ru http://www.studentlibrary.ru 3. Electronic Otorhinolaryngology: national guidelines ed. Palchun V. T. M.: GEOTAR-Media, 2020. - 1024 p. - Text: electronic / / EBS "Student's Consultant": [website]. - URL: http://www.studentlibrary.ru	
Topic No.2 Morphophysiological characteristics of the external nose: defects and deformities, injuries, nose furuncle, acute rhinitis, hematoma and abscess of the nasal septum	
Duration of the lecture (in academic hours):	2
Purpose of the lecture: 1. tell students about morphophysiological characteristics of the external nose, defects and deformities, injuries, nose furuncle, acute rhinitis; 2. define key terms: types of nasal injuries; 3. examine hematomas and abscesses of the nasal septum, diagnosis and treatment methods.	
Lecture plan, order of presentation of its sections: - Morphophysiological characteristics of the external nose - Defects and deformities, injuries, nose furuncle, acute rhinitis - Hematoma and abscess of the nasal septum	
Recommended reading: 1. Palchun V. T., Kryukov A. I., Magomedov M. M. Otorhinolaryngology : textbook Electronic resource, ed. by V. T. Palchun, M. M. Magomedov. - 4th ed., reprint. Moscow:	

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2. Electronic Otorhinolaryngology: textbook Edited by A. A. Gorokhov, Yu. K. Yanov, V. V. Dvoryanchikov, V. G. Mironov. - 2nd ed. supplement. and that's it.. - SPB [Electronic resource]: textbook SPb.: SpetsLit, 2019. - 224 p. URL: https://www.books-up.ru http://www.studentlibrary.ru
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Topic No.3 Chronic rhinitis, rhinosinusitis, rhinogenic orbital and intracranial complications

Duration of the lecture (in academic hours):	2

Purpose of the lecture:
1. tell students about chronic rhinitis and rhinosinusitis;
2. define key terms: rhinosinusitis and odontogenic rhinosinusitis, their clinical manifestation, diagnosis, and treatment;
3. examine rhinogenic orbital and intracranial complications, treatment, prevention measures.

Lecture plan, order of presentation of its sections:
- Types of chronic rhinitis and rhinosinusitis, odontogenic rhinosinusitis. Etiology, pathogenesis, diagnosis, and treatment
- Rhinogenic orbital and intracranial complications. Diagnosis, treatment, and prevention

Recommended reading:
1. Palchun V. T., Kryukov A. I., Magomedov M. M. Otorhinolaryngology : textbook Electronic resource, ed. by V. T. Palchun, M. M. Magomedov. - 4th ed., reprint. Moscow: GEOTAR-Media Publ., 2020, 592 p. URL: http://studentlibrary.ru
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Topic No.4 Morphophysiological characteristics of the auditory and vestibular systems

Duration of the lecture (in academic hours):	2

Purpose of the lecture:
1. tell students about morphophysiological characteristics of the auditory and vestibular systems;
2. analyze the physiology and methods of examining the auditory and vestibular systems.

Lecture plan, order of presentation of its sections:
- Morphophysiological characteristics of the auditory and vestibular systems
- Physiology and methods of examining the auditory and vestibular systems

Recommended reading:
1. Palchun V. T., Kryukov A. I., Magomedov M. M. Otorhinolaryngology : textbook Electronic resource, ed. by V. T. Palchun, M. M. Magomedov. - 4th ed., reprint. Moscow: GEOTAR-Media Publ., 2020, 592 p. URL: http://studentlibrary.ru
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Topic No.5 Acute pathology of the middle and inner ear. Antritis, mastoiditis, mastoidectomy

Duration of the lecture (in academic hours):	2

Purpose of the lecture:
1. tell students about acute pathology of the middle and inner ear;
2. define key terms: antritis, mastoiditis; analyze their etiology, pathogenesis, and clinical manifestation;
3. examine the stage of antromastoidotomy: indications, stages, technique.

Lecture plan, order of presentation of its sections:
- Acute pathology of the middle and inner ear
- Labyrinthitis and surgical treatment methods for acute otitis media

Recommended reading:
1. Palchun V. T., Kryukov A. I., Magomedov M. M. Otorhinolaryngology : textbook Electronic resource, ed. by V. T. Palchun, M. M. Magomedov. - 4th ed., reprint. Moscow: GEOTAR-Media Publ., 2020, 592 p. URL: http://studentlibrary.ru
2. Electronic Otorhinolaryngology: textbook Edited by A. A. Gorokhov, Yu. K. Yanov, V. V. Dvoryanchikov, V. G. Mironov. - 2nd ed. supplement. and that's it.. - SPB [Electronic resource]: textbook SPb.: SpetsLit, 2019. - 224 p. URL: https://www.books-up.ru http://www.studentlibrary.ru
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Topic No.6 Chronic inflammation of the middle ear. Radical surgery. Types of tympanoplasty

Duration of the lecture (in academic hours):	2

Purpose of the lecture:
1. tell students about chronic purulent otitis media;
2. define chronic inflammation of the middle ear;
3. examine surgical treatment method: radical surgery and tympanoplasty.

Lecture plan, order of presentation of its sections:
- Chronic otitis media: definition, classification, diagnosis, clinical manifestation
- Surgical treatment methods of chronic otitis media

Recommended reading:
1. Palchun V. T., Kryukov A. I., Magomedov M. M. Otorhinolaryngology : textbook Electronic resource, ed. by V. T. Palchun, M. M. Magomedov. - 4th ed., reprint. Moscow: GEOTAR-Media Publ., 2020, 592 p. URL: http://studentlibrary.ru
2. Electronic Otorhinolaryngology: textbook Edited by A. A. Gorokhov, Yu. K. Yanov, V. V. Dvoryanchikov, V. G. Mironov. - 2nd ed. supplement. and that's it.. - SPB [Electronic resource]: textbook SPb.: SpetsLit, 2019. - 224 p. URL: https://www.books-up.ru

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3. Electronic Otorhinolaryngology: national guidelines ed. Palchun V. T. M.: GEOTAR-Media, 2020. - 1024 p. - Text: electronic / / EBS "Student's Consultant": [website]. - URL: http://www.studentlibrary.ru

Topic No.7 Non-purulent ear diseases: tubootitis, exudative and adhesive otitis media, otosclerosis, sensorineural hearing loss, Meniere's disease. Otogenic intracranial complications, otogenic sepsis

Duration of the lecture (in academic hours):	2

Purpose of the lecture:
1. tell students about non-purulent ear diseases: tubootitis, exudative and adhesive otitis media;
2. define key terms: otosclerosis, sensorineural hearing loss, Meniere's disease;
3. examine otogenic intracranial complications, otogenic sepsis.

Lecture plan, order of presentation of its sections:
- Non-purulent ear diseases: tubootitis, exudative and adhesive otitis media, otosclerosis, sensorineural hearing loss, Meniere's disease
- Otogenic intracranial complications, otogenic sepsis

Recommended reading:
1. Palchun V. T., Kryukov A. I., Magomedov M. M. Otorhinolaryngology : textbook Electronic resource, ed. by V. T. Palchun, M. M. Magomedov. - 4th ed., reprint. Moscow: GEOTAR-Media Publ., 2020, 592 p. URL: http://studentlibrary.ru
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Topic No.8 Morphophysiological characteristics of the pharynx. Acute tonsillitis, classification, differential diagnosis, modern treatment methods. Retropharyngeal, parapharyngeal, and peritonsillar abscesses

Duration of the lecture (in academic hours):	2

Purpose of the lecture:
1. tell students about morphophysiological characteristics of the pharynx;
2. analyze acute tonsillitis and its complications;
3. examine retropharyngeal, parapharyngeal, and peritonsillar abscesses.

Lecture plan, order of presentation of its sections:
- Morphophysiological characteristics of the pharynx
- Acute tonsillitis and its complications
- Retropharyngeal, parapharyngeal, and peritonsillar abscesses

Recommended reading:
1. Palchun V. T., Kryukov A. I., Magomedov M. M. Otorhinolaryngology : textbook Electronic resource, ed. by V. T. Palchun, M. M. Magomedov. - 4th ed., reprint. Moscow: GEOTAR-Media Publ., 2020, 592 p. URL: http://studentlibrary.ru
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Topic No.9 Chronic tonsillitis, its significance in the medical practice. Palatine and pharyngeal tonsils hypertrophy

Duration of the lecture (in academic hours):	2

Purpose of the lecture:
1. tell students about chronic tonsillitis;
2. analyze different forms of chronic tonsillitis;
3. examine chronic tonsillitis, its role in the clinical manifestation of internal diseases; palatine and pharyngeal tonsils hypertrophy.

Lecture plan, order of presentation of its sections:
- Chronic tonsillitis: symptoms
- Chronic tonsillitis, its significance in the medical practice
- Palatine and pharyngeal tonsils hypertrophy

Recommended reading:
1. Palchun V. T., Kryukov A. I., Magomedov M. M. Otorhinolaryngology : textbook Electronic resource, ed. by V. T. Palchun, M. M. Magomedov. - 4th ed., reprint. Moscow: GEOTAR-Media Publ., 2020, 592 p. URL: http://studentlibrary.ru
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Topic No.10 Morphophysiological characteristics of the larynx. Acute and chronic laryngitis

Duration of the lecture (in academic hours):	2

Purpose of the lecture:
1. tell students about morphophysiological characteristics of the larynx;
2. define key terms: types of acute and chronic laryngitis;
3. examine diagnosis and treatment methods for acute and chronic laryngitis.

Lecture plan, order of presentation of its sections:
- Morphophysiological characteristics of the larynx
- Acute and chronic laryngitis
- Diagnosis and treatment methods for acute and chronic laryngitis

Recommended reading:
4. Palchun V. T., Kryukov A. I., Magomedov M. M. Otorhinolaryngology : textbook Electronic resource, ed. by V. T. Palchun, M. M. Magomedov. - 4th ed., reprint. Moscow: GEOTAR-Media Publ., 2020, 592 p. URL: http://studentlibrary.ru
5. Electronic Otorhinolaryngology: textbook Edited by A. A. Gorokhov, Yu. K. Yanov, V. V. Dvoryanchikov, V. G. Mironov. - 2nd ed. supplement. and that's it.. - SPB [Electronic

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6. Electronic Otorhinolaryngology: national guidelines ed. Palchun V. T. M.: GEOTAR-Media, 2020. - 1024 p. - Text: electronic / / EBS "Student's Consultant": [website]. - URL: http://www.studentlibrary.ru

3. SUBJECT GUIDES FOR PRACTICAL CLASSES

Table 2. Subject Guides for Practical **Б1.О.23 Otorhinolaryngology** Classes

Topic No.1 Clinical anatomy, physiology, methods of examination of auditory system	
Duration of the practical class (in academic hours):	6
Purpose of the practical class: 1. consolidate acquired knowledge of anatomy, physiology, methods of examination of auditory system; 2. during the discussion, outline the basic concepts on the structure of the auditory system in the general medical practice; 3. thoroughly go over definitions and concepts of auditory system, its examination methods and functions; 4. study patterns between the clinical picture and anatomical structures; 5. develop an understanding of what anatomical structures provide the functions of the auditory analyser, develop ENT examination skills.	
Practical classes requirements: classrooms equipped with otorhinolaryngological devices (table lamp, head reflector, instruments for ENT examination, otoscope), models of the ear, temporal bone, auditory ossicles; multimedia equipment, and subject guides for the discipline.	
Independent work of the student: research activity, preparing reports on the lectures, and working with study materials.	
Methods of evaluation of acquired knowledge and skills: discussing reports, classroom questioning, tests, practical skills training (ENT examination methods), working with case studies.	
Recommended reading: 1. Palchun V. T., Kryukov A. I., Magomedov M. M. Otorhinolaryngology : textbook Electronic resource, ed. by V. T. Palchun, M. M. Magomedov. - 4th ed., reprint. Moscow: GEOTAR-Media Publ., 2020, 592 p. URL: http://studentlibrary.ru 2. URL: Electronic Otorhinolaryngology: textbook Edited by A. A. Gorokhov, Yu. K. Yanov, V. V. Dvoryanchikov, V. G. Mironov. - 2nd ed. supplement. and that's it.. - SPB [Electronic resource]: textbook SPb.: SpetsLit, 2019. - 224 p. URL: https://www.books-up.ru http://www.studentlibrary.ru 3. Electronic Otorhinolaryngology: national guidelines ed. Palchun V. T. M.: GEOTAR-Media, 2020. - 1024 p. - Text: electronic / / EBS "Student's Consultant": [website]. - URL: http://www.studentlibrary.ru 4. V. V. Vishnyakov Otorhinolaryngology :Electronic textbook edited by V. V. Vishnyakov. - 2nd ed., reprint. - Electronic resource] - Moscow: GEOTAR-Media, 2022. - 392 p. URL: Access mode http://www.studentlibrary.ru://www.studentlibrary.ru 5. Alexander Bogomilsky, M. R. Detskaya otorhinolaryngologiya: ucheb. for universities edited by M. R. Bogomilsky, V. R. Chistyakova. - 3rd ed.- Electronic resource] Moscow: GEOTAR-Media, 2014. - 624 p. URL: http://www.studentlibrary.ru 6. Electronic textbook Otorhinolaryngology: ed. by S. A. Karpishchenko-M [Electronic resource]: GEOTAR-Media, 2018. URL: http://www.studentlibrary.ru	

Topic No.2 Clinical anatomy, physiology, methods of examination of vestibular system	
Duration of the practical class (in academic hours):	6
Purpose of the practical class: 1. consolidate acquired knowledge of anatomy, physiology, methods of examination of vestibular system; 2. during the discussion, outline the basic concepts on the structure of the vestibular system in the general medical practice; 3. thoroughly go over definitions and concepts of vestibular system, its examination methods and functions; 4. study patterns between the clinical picture and anatomical structures; 5. develop an understanding of what anatomical structures provide the functions of the vestibular analyser, develop ENT examination skills.	
Practical classes requirements: classrooms equipped with otorhinolaryngological devices (table lamp, head reflector, instruments for ENT examination, otoscope), models of the ear, temporal bone, auditory ossicles; multimedia equipment, and subject guides for the discipline.	
Independent work of the student: research activity, preparing reports on the lectures, and working with study materials.	
Methods of evaluation of acquired knowledge and skills: discussing reports, classroom questioning, tests, practical skills training (ENT examination methods), working with case studies.	
Recommended reading: 1. Palchun V. T., Kryukov A. I., Magomedov M. M. Otorhinolaryngology : textbook Electronic resource, ed. by V. T. Palchun, M. M. Magomedov. - 4th ed., reprint. Moscow: GEOTAR-Media Publ., 2020, 592 p. URL: http://studentlibrary.ru 2. URL: Electronic Otorhinolaryngology: textbook Edited by A. A. Gorokhov, Yu. K. Yanov, V. V. Dvoryanchikov, V. G. Mironov. - 2nd ed. supplement. and that's it.. - SPB [Electronic resource]: textbook SPb.: SpetsLit, 2019. - 224 p. URL: https://www.books-up.ru http://www.studentlibrary.ru 3. Electronic Otorhinolaryngology: national guidelines ed. Palchun V. T. M.: GEOTAR-Media, 2020. - 1024 p. - Text: electronic / / EBS "Student's Consultant": [website]. - URL: http://www.studentlibrary.ru 4. V. V. Vishnyakov Otorhinolaryngology :Electronic textbook edited by V. V. Vishnyakov. - 2nd ed., reprint. - Electronic resource] - Moscow: GEOTAR-Media, 2022. - 392 p. URL: Access mode http://www.studentlibrary.ru://www.studentlibrary.ru 5. Alexander Bogomilsky, M. R. Detskaya otorhinolaryngologiya: ucheb. for universities edited by M. R. Bogomilsky, V. R. Chistyakova. - 3rd ed.- Electronic resource] Moscow: GEOTAR-Media, 2014. - 624 p. URL: http://www.studentlibrary.ru 6. Electronic textbook Otorhinolaryngology: ed. by S. A. Karpishchenko-M [Electronic resource]: GEOTAR-Media, 2018. URL: http://www.studentlibrary.ru	
Topic No.3 Clinical anatomy, physiology, methods of examination of nose and paranasal sinuses: features of maxillary sinus anatomy	
Duration of the practical class (in academic hours):	6

Purpose of the practical class:
1. consolidate acquired knowledge of clinical anatomy, physiology, methods of examination of nose and paranasal sinuses;
2. during the discussion, outline the main characteristics and age-related features of clinical anatomy and physiology of the nose and paranasal sinuses;
3. thoroughly go over definitions and concepts of clinical anatomy, physiology of the nose and paranasal sinuses;
4. develop ENT examination skills.

Practical classes requirements: classrooms equipped with otorhinolaryngological devices (table lamp, head reflector, instruments for ENT examination, otoscope), models of the nose and paranasal sinuses, multimedia equipment, and subject guides for the discipline.

Independent work of the student: research activity, preparing reports on the lectures, and working with study materials.

Methods of evaluation of acquired knowledge and skills: discussing reports, classroom questioning, tests, practical skills training (ENT examination methods), working with case studies.

Recommended reading:

1. Palchun V. T., Kryukov A. I., Magomedov M. M. Otorhinolaryngology : textbook Electronic resource, ed. by V. T. Palchun, M. M. Magomedov. - 4th ed., reprint. Moscow: GEOTAR-Media Publ., 2020, 592 p. URL: http://studentlibrary.ru

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3. Electronic Otorhinolaryngology: national guidelines ed. Palchun V. T. M.: GEOTAR-Media, 2020. - 1024 p. - Text: electronic / / EBS "Student's Consultant": [website]. - URL: http://www.studentlibrary.ru

4. V. V. Vishnyakov Otorhinolaryngology :Electronic textbook edited by V. V. Vishnyakov. - 2nd ed., reprint. - Electronic resource] - Moscow: GEOTAR-Media, 2022. - 392 p. URL: Access mode http://www.studentlibrary.ru://www.studentlibrary.ru

5. Alexander Bogomilsky, M. R. Detskaya otorhinolaryngologiya: ucheb. for universities edited by M. R. Bogomilsky, V. R. Chistyakova. - 3rd ed.- Electronic resource] Moscow: GEOTAR-Media, 2014. - 624 p. URL: http://www.studentlibrary.ru

6. Electronic textbook Otorhinolaryngology: ed. by S. A. Karpishchenko-M [Electronic resource]: GEOTAR-Media, 2018. URL: http://www.studentlibrary.ru

Topic No.4 Clinical anatomy, physiology, methods of examination of the pharynx, larynx, trachea, bronchi, esophagus

Duration of the practical class (in academic hours):	6

Purpose of the practical class:
1. consolidate acquired knowledge of clinical anatomy, physiology, methods of examination of the pharynx, larynx, trachea, bronchi, esophagus;
2. during the discussion, outline the main characteristics and age-related features of clinical anatomy and physiology of the larynx, pharynx, trachea, bronchi, esophagus;
3. thoroughly go over definitions and concepts of clinical anatomy and physiology of the larynx, pharynx, trachea, bronchi, esophagus;
4. develop ENT examination skills.

Practical classes requirements: classrooms equipped with otorhinolaryngological devices (table lamp, head reflector, instruments for ENT examination, otoscope), models of the larynx and pharynx, multimedia equipment, and subject guides for the discipline.

Independent work of the student: research activity, preparing reports on the lectures, and working with study materials.

Methods of evaluation of acquired knowledge and skills: discussing reports, classroom questioning, tests, practical skills training (ENT examination methods), working with case studies.

Recommended reading:

1. Palchun V. T., Kryukov A. I., Magomedov M. M. Otorhinolaryngology : textbook Electronic resource, ed. by V. T. Palchun, M. M. Magomedov. - 4th ed., reprint. Moscow: GEOTAR-Media Publ., 2020, 592 p. URL: http://studentlibrary.ru
2. URL: Electronic Otorhinolaryngology: textbook Edited by A. A. Gorokhov, Yu. K. Yanov, V. V. Dvoryanchikov, V. G. Mironov. - 2nd ed. supplement. and that's it.. - SPB [Electronic resource]: textbook SPb.: SpetsLit, 2019. - 224 p. URL: https://www.books-up.ru http://www.studentlibrary.ru
3. Electronic Otorhinolaryngology: national guidelines ed. Palchun V. T. M.: GEOTAR-Media, 2020. - 1024 p. - Text: electronic / / EBS "Student's Consultant": [website]. - URL: http://www.studentlibrary.ru
4. V. V. Vishnyakov Otorhinolaryngology :Electronic textbook edited by V. V. Vishnyakov. - 2nd ed., reprint. - Electronic resource] - Moscow: GEOTAR-Media, 2022. - 392 p. URL: Access mode http://www.studentlibrary.ru://www.studentlibrary.ru
5. Alexander Bogomilsky, M. R. Detskaya otorhinolaryngologiya: ucheb. for universities edited by M. R. Bogomilsky, V. R. Chistyakova. - 3rd ed.- Electronic resource] Moscow: GEOTAR-Media, 2014. - 624 p. URL: http://www.studentlibrary.ru
6. Electronic textbook Otorhinolaryngology: ed. by S. A. Karpishchenko-M [Electronic resource]: GEOTAR-Media, 2018. URL: http://www.studentlibrary.ru

Topic No.5 Acute and chronic pharyngeal pathology. Supervised patient management

Duration of the practical class (in academic hours):	6

Purpose of the practical class:
1. consolidate acquired knowledge of acute and chronic pharyngeal pathology;
2. during the discussion, outline acute and chronic pathology of the pharynx and larynx;
3. thoroughly go over definitions and concepts of acute and chronic pathology of the pharynx and larynx;
4. study the treatment of acute laryngeal stenosis;
5. develop ENT examination skills.

Practical classes requirements: classrooms equipped with otorhinolaryngological devices (table lamp, head reflector, instruments for ENT examination, otoscope), models of the pharynx and larynx, multimedia equipment, and subject guides for the discipline.

Independent work of the student: research activity, preparing reports on the lectures, and working with study materials.

Methods of evaluation of acquired knowledge and skills: discussing reports, classroom questioning, tests, practical skills training (ENT examination methods), working with case studies.

Recommended reading:

1. Palchun V. T., Kryukov A. I., Magomedov M. M. Otorhinolaryngology : textbook Electronic resource, ed. by V. T. Palchun, M. M. Magomedov. - 4th ed., reprint. Moscow: GEOTAR-Media Publ., 2020, 592 p. URL: http://studentlibrary.ru
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Topic No.6 Acute and chronic pathology of the outer, middle, inner ear

Duration of the practical class (in academic hours):	6

Purpose of the practical class:
1. consolidate acquired knowledge of acute and chronic pathology of the outer, middle, inner ear;
2. during the discussion, outline pathology of the outer ear;
3. thoroughly go over definitions and concepts of acute and chronic pathology of the middle ear;
4. study patterns of acute pathology of the inner ear;
5. develop an understanding of acute and chronic pathology of the middle ear.

Practical classes requirements: classrooms equipped with otorhinolaryngological devices (table lamp, head reflector, instruments for ENT examination, otoscope), models of the ear and temporal bone, multimedia equipment, and subject guides for the discipline.

Independent work of the student: research activity, preparing reports on the lectures, and working with study materials.

Methods of evaluation of acquired knowledge and skills: discussing reports, classroom questioning, tests, practical skills training (ENT examination methods), working with case studies.

Recommended reading:

1. Palchun V. T., Kryukov A. I., Magomedov M. M. Otorhinolaryngology : textbook Electronic resource, ed. by V. T. Palchun, M. M. Magomedov. - 4th ed., reprint. Moscow: GEOTAR-Media Publ., 2020, 592 p. URL: http://studentlibrary.ru
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Topic No.7 Otogenic intracranial complications. Ear diseases of non-inflammatory etiology

Duration of the practical class (in academic hours):	6

Purpose of the practical class:
1. consolidate acquired knowledge on otogenic intracranial complications;
2. during the discussion, outline ear diseases of non-inflammatory etiology;
3. thoroughly go over definitions and concepts of otogenic intracranial complications;
4. study patterns of treatment of otogenic intracranial complications;
5. develop an understanding of ear diseases of non-inflammatory etiology.

Practical classes requirements: classrooms equipped with otorhinolaryngological devices (table lamp, head reflector, instruments for ENT examination, otoscope), models of the ear and temporal bone, multimedia equipment, and subject guides for the discipline.

Independent work of the student: research activity, preparing reports on the lectures, and working with study materials.

Methods of evaluation of acquired knowledge and skills: discussing reports, classroom questioning, tests, practical skills training (ENT examination methods), working with case studies.

Recommended reading:

1. Palchun V. T., Kryukov A. I., Magomedov M. M. Otorhinolaryngology : textbook Electronic resource, ed. by V. T. Palchun, M. M. Magomedov. - 4th ed., reprint. Moscow: GEOTAR-Media Publ., 2020, 592 p. URL: http://studentlibrary.ru

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3. Electronic Otorhinolaryngology: national guidelines ed. Palchun V. T. M.: GEOTAR-Media, 2020. - 1024 p. - Text: electronic / / EBS "Student's Consultant": [website]. - URL: http://www.studentlibrary.ru

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Topic No.8 Acute and chronic pathology of the nose and paranasal sinuses: odontogenic maxillary rhinosinusitis

Duration of the practical class (in academic hours):	6

Purpose of the practical class:
1. consolidate acquired knowledge of etiology, pathogenesis, classification, clinical manifestation, and treatment methods for acute and chronic pathology of the nose and paranasal sinuses;
2. during the discussion, outline the main issues of the clinical features of odontogenic maxillary rhinosinusitis;
3. thoroughly go over definitions and concepts of diagnostic measures;
4. study acute pathology of the nose;
5. develop a treatment algorithm for chronic rhinosinusitis.

Practical classes requirements: classrooms equipped with otorhinolaryngological devices (table lamp, head reflector, instruments for ENT examination, otoscope), models of the nose and paranasal sinuses, multimedia equipment, and subject guides for the discipline.

Independent work of the student: research activity, preparing reports on the lectures, and working with study materials.

Methods of evaluation of acquired knowledge and skills: discussing reports, classroom questioning, tests, practical skills training (ENT examination methods), working with case studies.

Recommended reading:

1. Palchun V. T., Kryukov A. I., Magomedov M. M. Otorhinolaryngology : textbook Electronic resource, ed. by V. T. Palchun, M. M. Magomedov. - 4th ed., reprint. Moscow: GEOTAR-Media Publ., 2020, 592 p. URL: http://studentlibrary.ru
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Topic No.9 Rhinogenic orbital and intracranial complications

Duration of the practical class (in academic hours):	4

Purpose of the practical class:
1. consolidate acquired knowledge of etiology, pathogenesis, classification, clinical manifestation, and treatment methods for rhinogenic orbital and intracranial complications;
2. during the discussion, outline the main issues of the clinical manifestation of orbital complications;
3. thoroughly go over definitions and concepts of diagnostic measures;
4. study in detail rhinogenic orbital and intracranial complications;
5. develop a treatment algorithm for rhinogenic orbital and intracranial complications.

Practical classes requirements: classrooms equipped with otorhinolaryngological devices (table lamp, head reflector, instruments for ENT examination, otoscope), models of the nose and paranasal sinuses, multimedia equipment, and subject guides for the discipline.
Independent work of the student: research activity, preparing reports on the lectures, and working with study materials.
Methods of evaluation of acquired knowledge and skills: discussing reports, classroom questioning, tests, practical skills training (ENT examination methods), working with case studies.
Recommended reading: 1. Palchun V. T., Kryukov A. I., Magomedov M. M. Otorhinolaryngology : textbook Electronic resource, ed. by V. T. Palchun, M. M. Magomedov. - 4th ed., reprint. Moscow: GEOTAR-Media Publ., 2020, 592 p. URL: http://studentlibrary.ru 2. URL: Electronic Otorhinolaryngology: textbook Edited by A. A. Gorokhov, Yu. K. Yanov, V. V. Dvoryanchikov, V. G. Mironov. - 2nd ed. supplement. and that's it.. - SPB [Electronic resource]: textbook SPb.: SpetsLit, 2019. - 224 p. URL: https://www.books-up.ru http://www.studentlibrary.ru 3. Electronic Otorhinolaryngology: national guidelines ed. Palchun V. T. M.: GEOTAR-Media, 2020. - 1024 p. - Text: electronic / / EBS "Student's Consultant": [website]. - URL: http://www.studentlibrary.ru 4. V. V. Vishnyakov Otorhinolaryngology :Electronic textbook edited by V. V. Vishnyakov. - 2nd ed., reprint. - Electronic resource] - Moscow: GEOTAR-Media, 2022. - 392 p. URL: Access mode http://www.studentlibrary.ru://www.studentlibrary.ru 5. Alexander Bogomilsky, M. R. Detskaya otorhinolaryngologiya: ucheb. for universities edited by M. R. Bogomilsky, V. R. Chistyakova. - 3rd ed.- Electronic resource] Moscow: GEOTAR-Media, 2014. - 624 p. URL: http://www.studentlibrary.ru 6. Electronic textbook Otorhinolaryngology: ed. by S. A. Karpishchenko-M [Electronic resource]: GEOTAR-Media, 2018. URL: http://www.studentlibrary.ru

4. GUIDELINES FOR CONTINOUS AND INTERIM ASSESSMENT

Table 3. Guidelines for Conducting Continuous and Interim Assessment during **Б1.О.23 Otorhinolaryngology** Course

Type of assessment	Assessment format
Continuous assessment	- conducting and evaluating oral or written quizzes during lectures and practical classes; - assessment and evaluation of completion and results of assignments given during practical classes; - assess and evaluate completion and results of individual assignments and exam tasks given during practical classes; - assessment and evaluation of lecture notes quality.
Interim certification	is conducted in written format; it allows to assess the development of students' competencies correlating with types of professional activity.

5 ASPECTS OF THE IMPLEMENTATION OF THE COURSE FOR STUDENTS WITH DISABILITIES AND SPECIAL NEEDS

5.1. 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.

5.2. 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.

5.3. Availability of the internal policies and procedures of FSBEI HE PSMU of the Ministry of Health of Russia to students with disabilities in a form 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 form accessible to them.

5.4. Increase in the duration of interim assessment of 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 for students with disabilities and special needs is selected taking into account individual characteristics (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

6. 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.

