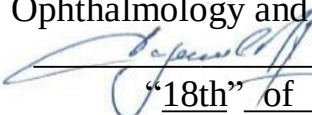


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Federal State Budget Educational Institution
of Higher Education
Pacific State Medical University
of the Ministry of Health of the Russian Federation

APPROVED BY

Head of the Department of
Ophthalmology and Otorhinolaryngology
 / Fedyashev G.A./
“18th” of June 2026

SUBJECT GUIDE FOR TEACHERS AND STUDENTS FOR

B1.C.24 Ophthalmology

(Name of discipline)

Specialty

**31.05.03 Dentistry for foreign
students (English-language program)**
(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

Subject guide for teachers and students for **B1.C.24 Ophthalmology** 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 foreign students (English-language program), 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. 1-7/25-26 dated March 27, 2026.

Subject guide for teachers and students for **B1.C.24 Ophthalmology** 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, associate professor, Doctor of Medical Sciences Fedyashev G.A.

Developed by:

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1. GENERAL PROVISIONS

Subject guide for **B1.C.24 Ophthalmology** 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 **B1.C.24 Ophthalmology**. 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 **B1.C.24 Ophthalmology**.

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 **B1.O.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 **B1.C.24 Ophthalmology** course.

Continuous assessment during **B1.C.24 Ophthalmology** 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 **B1.C.24 Ophthalmology** 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 **B1.C.24 Ophthalmology** and takes into account learning outcomes for all types of student work over the entire period of mastering **B1.C.24 Ophthalmology** 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 **B1.C.24 Ophthalmology**. 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 **B1.C.24 Ophthalmology** Lectures

Topic No.1 History of ophthalmology. Main objectives of ophthalmology. Age-related clinical anatomy of the visual system. Functions of the visual system: visual acuity, field of view, color perception, binocular vision	
Duration of the lecture (in academic hours):	2
Purpose of the lecture: 1. tell students about the principal objectives and history of ophthalmology, and with the anatomical, functional, and age-related characteristics of the visual analyzer; 2. define the of the anatomical structures and functions of the eye; 3. analyze the methods of examining the structures and functions of the eye.	
Lecture plan, order of presentation of its sections: - The main problems of ophthalmology and ways to solve them - Structure and functions of the anatomical parts of the eye. Age-related clinical anatomy of the visual system - Functions of the visual system	
Recommended reading: 1. Ophthalmology: textbook Electronic resource, ed. by E. A. Egorov. - 2nd ed., rev. and suppl., M.: GEOTAR-Media, 2021. - 272 p. URL: Access mode http://studentlibrary.ru 2. Eye Diseases. Fundamentals of Ophthalmology: textbook Electronic resource, E.S. Avetisov; ed. by V.G. Kopaeva, Medicina, 2012.-552, [2] p.: ill. URL: Access mode http://www.studentlibrary.ru 3. Ophthalmology Electronic resource., ed. by Avetisov S.E., Egorov E.A., Moshetova L.K., Neroev V.V., Takhchidi Kh.P., M.: GEOTAR-Media, 2018. URL: Access mode http://www.studentlibrary.ru	
Topic No.2 Optical system of the eye. Physiological optics and refraction. Refraction anomalies: preventive measures, modern treatment methods. Amblyopia	
Duration of the lecture (in academic hours):	2
Purpose of the lecture: 1. tell students about types of refraction and accommodation and their age-related characteristics; 2. define the types of clinical refraction, astigmatism, accommodation spasm and presbyopia; 3. analyze the methods of determining clinical refraction, astigmatism, accommodation, presbyopia in practice and methods of treating myopia.	
Lecture plan, order of presentation of its sections: - Types of clinical refraction and their characteristics - Issues of accommodation and its changes at different ages are covered - The concept of myopia as a disease: classification, clinical manifestation, diagnosis, modern treatment methods	
Recommended reading: 1. Ophthalmology : textbook Electronic resource, ed. by E. A. Egorov. - 2nd ed., rev. and suppl., M.:GEOTAR-Media, 2021. - 272 p. URL: Access mode http://studentlibrary.ru 2. Eye Diseases. Fundamentals of Ophthalmology : textbook Electronic resource, E.S. Avetisov; ed. by V.G. Kopaeva, Medicina,2012.-552, [2] p.:ill. URL: Access mode http://www.studentlibrary.ru 3. Ophthalmology Electronic resource., ed. by Avetisov S.E., Egorov E.A., Moshetova L.K., Neroev V.V., Takhchidi Kh.P., M. : GEOTAR-Media, 2018. URL: Access mode http://www.studentlibrary.ru	

Topic No.3-4 Diseases of the accessory visual structures. Orbital diseases. Connection with the paranasal sinuses and maxillofacial area. “Bloodshot eyes” syndrome: conjunctivitis, keratitis, uveitis. Their connection with the pathology of maxillofacial area

Duration of the lecture (in academic hours):

4

Purpose of the lecture:

1. tell students about the diseases belonging to the "red eye" syndrome — conjunctivitis, keratitis, and uveitis — their association with maxillofacial pathology;
2. provide definitions and classifications of conjunctivitis, keratitis, and uveitis;
3. analyze the methods of diagnosis and treatment, as well as the complications, of conjunctivitis and inflammatory diseases of the cornea and the vascular tract of the eye.

Lecture plan, order of presentation of its sections:

- “Bloodshot eyes” syndrome
- Conjunctivitis and keratitis: classifications, clinical manifestations, diagnosis, and treatment
- Inflammatory diseases of the uveal tract (uveitis): classifications, clinical manifestations, diagnosis, and treatment
- Their connection with the pathology of maxillofacial area and management strategy

Recommended reading:

1. Ophthalmology: textbook Electronic resource., Takhchidi Kh.P., Yartseva N.S., Gavrilova N.A., Deev L.A., M.: GEOTAR-Media, 2011. - 544 p. URL: Access mode <http://www.studentlibrary.ru>
2. Ophthalmology Electronic resource., ed. by Avetisov S.E., Egorov E.A., Moshetova L.K., Neroev V.V., Takhchidi Kh.P., M. : GEOTAR-Media, 2018. URL: Access mode <http://www.studentlibrary.ru>
3. Ophthalmology : textbook Electronic resource, ed. by E. A. Egorov. - 2nd ed., rev. and suppl., M.:GEOTAR-Media, 2021. - 272 p. URL: Access mode <http://studentlibrary.ru>

Topic No.5 Cataracts: classification, clinical manifestation, treatment. Glaucoma: etiopathogenesis, classification, clinical manifestation, treatment methods. Active detection of patients with glaucoma

Duration of the lecture (in academic hours):

2

Purpose of the lecture:

1. tell students about lens opacities (cataract), congenital and acquired cataracts, their causes, and classifications;
2. define the concepts of congenital and acquired cataracts (age-related, traumatic, complicated, and others), aphakia, and pseudophakia;
3. analyze the methods of diagnosis, clinical manifestations, and current methods of treating cataracts and correcting aphakia.

Lecture plan, order of presentation of its sections:

- Cataracts: classification, causative factors
- Cataracts: clinical manifestation, diagnostic methods, treatment
- Methods of aphakia correction

Recommended reading:

1. Eye Diseases. Fundamentals of Ophthalmology : textbook Electronic resource, E.S. Avetisov; ed. by V.G. Kopaeva, Medicina,2012.-552, [2] p.:ill. URL: Access mode <http://www.studentlibrary.ru>

2. Ophthalmology: textbook Electronic resource., Takhchidi Kh.P., Yartseva N.S., Gavrilova N.A., Deev L.A., M.: GEOTAR-Media, 2011. - 544 p. URL: Access mode <http://www.studentlibrary.ru>
3. Selected Lectures on Ophthalmology Electronic resource., E. I. Sidorenko, M. : GEOTAR-Media, 2013. - 192 p. URL: Access mode <http://www.studentlibrary.ru>

Topic No.6 Eye injuries. Specifics of eye injuries. First aid stages. Injuries of the eye and accessory visual structures. Eye contusions: classification, first aid at the stages of triage. Burns and frostbite: first aid, treatment and rehabilitation

Duration of the lecture (in academic hours):

2

Purpose of the lecture:

1. tell students about wounds, contusions, and burns of the eye and its adnexal apparatus, highlighting the characteristics of contemporary ocular traumatism;
2. provide definitions and current classifications of wounds, contusions, and burns of the eye and its adnexa;
3. analyze the diagnostic methods, clinical manifestations, first aid provision, and potential complications resulting from various ocular injuries.

Lecture plan, order of presentation of its sections:

- Wounds and contusions of the eye and its adnexa
- Chemical and thermal burns and frostbite
- First aid for various types of injuries

Recommended reading:

1. Ophthalmology : textbook Electronic resource, ed. by E. A. Egorov. - 2nd ed., rev. and suppl., M.:GEOTAR-Media, 2021. - 272 p. URL: Access mode <http://studentlibrary.ru>
2. Makhacheva Z.A., Avanesova L.A. AIDS and the Eye, 2001, p. 72
3. Ophthalmology Electronic resource., ed. by Avetisov S.E., Egorov E.A., Moshetova L.K., Neroev V.V., Takhchidi Kh.P., M. : GEOTAR-Media, 2018. URL: Access mode <http://www.studentlibrary.ru>

Topic No.7 Eye changes in patients with generalized diseases: diabetes mellitus, hypertension, etc. Diseases of the retina and optic nerve. Ophthalmic oncology: diagnosis and modern treatment methods

Duration of the lecture (in academic hours):

2

Purpose of the lecture:

1. tell students about eye changes in systemic diseases: hypertension, diabetes mellitus, Sjögren's disease, and others; reflect the pathology of the retina and optic nerve; highlight the issues of neuro-ophthalmology;
2. define the changes arising in different parts of the eye in systemic pathology — retinal edema, exudates and hemorrhages, dystrophic changes, edema and pallor of the optic nerve, exophthalmos, strabismus, and others;
3. analyze the methods of diagnosis, classifications, clinical picture, and treatment of various ocular changes in systemic diseases, diseases of the retina and optic nerve, and diseases of the central nervous system (tumors, injuries, inflammatory diseases of the brain).

Lecture plan, order of presentation of its sections:

- Eye changes in patients with hypertensive disease, diabetes mellitus, retinal diseases, Sjögren's disease
- Eye changes in patients with optic nerve diseases and the issues of neuro-ophthalmology, including the determination of appropriate management tactics and treatment

Recommended reading:

1. Ophthalmology: textbook Electronic resource., Takhchidi Kh.P., Yartseva N.S., Gavrilova N.A., Deev L.A., M.: GEOTAR-Media, 2011. - 544 p. URL: Access mode <http://www.studentlibrary.ru>
2. Eye Diseases. Fundamentals of Ophthalmology : textbook Electronic resource, E.S. Avetisov; ed. by V.G. Kopaeva, Medicina,2012.-552, [2] p.:ill. URL: Access mode <http://www.studentlibrary.ru>
3. Ophthalmology : textbook Electronic resource, ed. by E. A. Egorov. - 2nd ed., rev. and suppl., M.:GEOTAR-Media, 2021. - 272 p. URL: Access mode <http://studentlibrary.ru>

3. SUBJECT GUIDES FOR PRACTICAL CLASSES

Table 2. Subject Guides for Practical **B1.C.24 Ophthalmology** Classes

Topic No.1 Clinical anatomy, physiology, and methods of examining the visual system. Anatomical and physiological connection to the maxillofacial area. Functions of the visual system: visual acuity, field of view, color perception, binocular vision, and methods of examining them	
Duration of the practical class (in academic hours):	4
Purpose of the practical class: 1. consolidate acquired knowledge of the anatomy, examination methods, and functions of the visual system; 2. during the discussion, outline review the basic concepts of the structure of the eye in their applied significance for maxillofacial pathology, examination methods, and visual functions; 3. thoroughly go over definitions and concepts relating to the anatomical structures of the organ of vision, methods of its examination, and visual functions; 4. study patterns between anatomical structures and the clinical picture of diseases; 5. develop an understanding of which anatomical structures provide visual functions.	
Practical classes requirements: classrooms equipped with ophthalmic devices, models of the eyeball, 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.	
Recommended reading: 1. Ophthalmology: textbook Electronic resource, ed. by E. A. Egorov. - 2nd ed., rev. and suppl., M.:GEOTAR-Media, 2021. - 272 p. URL: Access mode http://studentlibrary.ru 2. Ophthalmology Electronic resource., ed. by Avetisov S.E., Egorov E.A., Moshetova L.K., Neroev V.V., Takhchidi Kh.P., M. : GEOTAR-Media, 2018. URL: Access mode http://www.studentlibrary.ru 3. Eye Diseases. Fundamentals of Ophthalmology: textbook Electronic resource, E.S. Avetisov; ed. by V.G. Kopaeva, Medicina,2012.-552, [2] p.:ill. URL: Access mode http://www.studentlibrary.ru	
Topic No.2 Clinical refraction. Methods of examining clinical refraction of the eye. Refraction anomalies: hypermetropia, myopia, and astigmatism. Myopia: classification, clinical manifestation, diagnosis, modern methods of correction and stabilization, complications. Accommodation. Presbyopia. Glasses prescription. Pathology of the oculomotor system. Amblyopia	
Duration of the practical class (in academic hours):	4

Purpose of the practical class: 1. consolidate acquired knowledge of the types of clinical refraction, accommodation and its disorders, astigmatism, and myopia as a disease, its classification, preventive measures, and modern treatment methods; 2. during the discussion, outline the main characteristics and age-related dynamics of clinical refraction; 3. thoroughly go over definitions and concepts of clinical refraction, accommodation, astigmatism, and presbyopia; 4. study patterns of progression and current methods of treating myopia; 5. develop the ability to solve refractive problems and write eyeglass prescriptions.	
Practical classes requirements: classrooms equipped with ophthalmic devices, models of the eyeball, 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.	
Recommended reading: 1. Ophthalmology: textbook Electronic resource, ed. by E. A. Egorov. - 2nd ed., rev. and suppl., M.:GEOTAR-Media, 2021. - 272 p. URL: Access mode http://studentlibrary.ru 2. Ophthalmology Electronic resource., ed. by Avetisov S.E., Egorov E.A., Moshetova L.K., Neroev V.V., Takhchidi Kh.P., M. : GEOTAR-Media, 2018. URL: Access mode http://www.studentlibrary.ru 3. Eye Diseases. Fundamentals of Ophthalmology: textbook Electronic resource, E.S. Avetisov; ed. by V.G. Kopaeva, Medicina, 2012.-552, [2] p.:ill. URL: Access mode http://www.studentlibrary.ru	
Topic No.3 “Bloodshot eyes” syndrome: conjunctivitis, keratitis, uveitis: etiopathogenesis, diagnosis, clinical manifestations, treatment principles. The role of the pathology of maxillofacial area in the development of this pathology	
Duration of the practical class (in academic hours):	6
Purpose of the practical class: 1. consolidate acquired knowledge of diseases presenting as the "bloodshot eye" syndrome; 2. during the discussion, outline the main clinical symptoms of the "bloodshot eye" syndrome, with emphasis on the role of maxillofacial diseases in the development of this pathology; 3. thoroughly go over definitions and concepts of diseases presenting as the "bloodshot eye" syndrome; 4. study patterns of progression and treatment of diseases presenting as the "bloodshot eye" syndrome; 5. develop algorithms for examination and management tactics.	
Practical classes requirements: classrooms equipped with ophthalmic devices, models of the eyeball, 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.	
Recommended reading:	

1. Ophthalmology: textbook Electronic resource, ed. by E. A. Egorov. - 2nd ed., rev. and suppl., M.:GEOTAR-Media, 2021. - 272 p. URL: Access mode <http://studentlibrary.ru>
2. Ophthalmology Electronic resource., ed. by Avetisov S.E., Egorov E.A., Moshetova L.K., Neroev V.V., Takhchidi Kh.P., M. : GEOTAR-Media, 2018. URL: Access mode <http://www.studentlibrary.ru>
3. Eye Diseases. Fundamentals of Ophthalmology: textbook Electronic resource, E.S. Avetisov; ed. by V.G. Kopaeva, Medicina,2012.-552, [2] p.:ill. URL: Access mode <http://www.studentlibrary.ru>

Topic No.4 Cataracts: classification, clinical manifestation, treatment. Aphakia and methods of correcting it. Glaucoma: etiopathogenesis, classification, clinical manifestation, treatment methods. Active detection of patients with glaucoma

Duration of the practical class (in academic hours):

6

Purpose of the practical class:

1. consolidate acquired knowledge of the types of cataracts and glaucoma, their diagnosis, and modern treatment;
2. during the discussion, outline the main causes of cataracts and the various types of glaucoma;
3. thoroughly go over definitions, concepts, and classifications relating to these diseases;
4. study patterns of differential diagnostic examination in the detection of cataract and glaucoma;
5. develop an understanding of aphakia, its methods of correction, pseudophakia (artiphakia), and secondary cataract.

Practical classes requirements: classrooms equipped with ophthalmic devices, models of the eyeball, 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.

Recommended reading:

1. Ophthalmology: textbook Electronic resource, ed. by E. A. Egorov. - 2nd ed., rev. and suppl., M.:GEOTAR-Media, 2021. - 272 p. URL: Access mode <http://studentlibrary.ru>
2. Ophthalmology Electronic resource., ed. by Avetisov S.E., Egorov E.A., Moshetova L.K., Neroev V.V., Takhchidi Kh.P., M. : GEOTAR-Media, 2018. URL: Access mode <http://www.studentlibrary.ru>
3. Eye Diseases. Fundamentals of Ophthalmology: textbook Electronic resource, E.S. Avetisov; ed. by V.G. Kopaeva, Medicina,2012.-552, [2] p.:ill. URL: Access mode <http://www.studentlibrary.ru>

Topic No.5 Eye injuries. Specifics of eye injuries. First aid stages. Injuries of the eye and accessory visual structures. Eye contusions: classification, first aid at the stages of triage. Burns and frostbite: first aid, treatment and rehabilitation

Duration of the practical class (in academic hours):

6

Purpose of the practical class:

1. consolidate acquired knowledge of injuries to the eye and its adnexal apparatus;
2. during the discussion, outline the principal terms, classifications, and features of the clinical presentation;
3. thoroughly go over definitions and concepts of diagnostic examination methods for various ocular injuries;

4. study principles of triage and first aid provision for wounds, contusions, and burns of the eye and its adnexa;
5. develop an understanding of the complications of ocular trauma and rehabilitation methods.

Practical classes requirements: classrooms equipped with ophthalmic devices, models of the eyeball, 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.

Recommended reading:

1. Ophthalmology: textbook Electronic resource, ed. by E. A. Egorov. - 2nd ed., rev. and suppl., M.:GEOTAR-Media, 2021. - 272 p. URL: Access mode <http://studentlibrary.ru>
2. Ophthalmology Electronic resource., ed. by Avetisov S.E., Egorov E.A., Moshetova L.K., Neroev V.V., Takhchidi Kh.P., M. : GEOTAR-Media, 2018. URL: Access mode <http://www.studentlibrary.ru>
3. Eye Diseases. Fundamentals of Ophthalmology: textbook Electronic resource, E.S. Avetisov; ed. by V.G. Kopaeva, Medicina, 2012.-552, [2] p.:ill. URL: Access mode <http://www.studentlibrary.ru>

Topic No.6 Eye changes in patients with generalized diseases: diabetes mellitus, hypertension, etc. Diseases of the retina (congenital, acquired) and optic nerve. Ophthalmic oncology: diagnosis and modern treatment methods

Duration of the practical class (in academic hours):

6

Purpose of the practical class:

1. consolidate acquired knowledge of ocular pathology in patients with systemic diseases — hypertensive disease, diabetes mellitus, and others — as well as diseases of the retina and optic nerve, strabismus, tumors of the eye and its adnexa, and neuro-ophthalmological pathology;
2. during the discussion, outline the main clinical symptoms in systemic diseases, diseases of the retina and optic nerve, strabismus, tumors of the eye and its adnexa, and neuro-ophthalmological diseases;
3. thoroughly go over definitions and concepts of the changes arising in different parts of the eye in systemic pathology — retinal edema, exudates and hemorrhages, exophthalmos, strabismus, pallor and edema of the optic nerve;
4. study principles of diagnostic methods, current classifications, clinical picture, and treatment of various ocular changes in systemic diseases, diseases of the retina and optic nerve, strabismus, tumors of the eye and its adnexa, and neuro-ophthalmological diseases;
5. develop examination algorithms and to determine the need for ophthalmological management in cooperation with related specialists in systemic diseases and optic nerve pathology.

Practical classes requirements: classrooms equipped with ophthalmic devices, models of the eyeball, 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.

Recommended reading:

1. Ophthalmology: textbook Electronic resource, ed. by E. A. Egorov. - 2nd ed., rev. and suppl., M.:GEOTAR-Media, 2021. - 272 p. URL: Access mode <http://studentlibrary.ru>

2. Ophthalmology Electronic resource., ed. by Avetisov S.E., Egorov E.A., Moshetova L.K., Neroev V.V., Takhchidi Kh.P., M. : GEOTAR-Media, 2018. URL: Access mode <http://www.studentlibrary.ru>

3. Eye Diseases. Fundamentals of Ophthalmology: textbook Electronic resource, E.S. Avetisov; ed. by V.G. Kopaeva, Medicina, 2012.-552, [2] p.:ill. URL: Access mode <http://www.studentlibrary.ru>

4. GUIDELINES FOR CONTINUOUS AND INTERIM ASSESSMENT

Table 3. Guidelines for Conducting Continuous and Interim Assessment during **B1.C.24 Ophthalmology** 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 pass/fail test 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 specialty; list of the aforementioned personnel is available on the website of the educational organization.

