


Министерство образования и науки РФ Ульяновский государственный университет	Форма	
Ф- Аннотация рабочей программы дисциплины		

**ABSTRACT**  
**THE WORKING PROGRAM OF DISCIPLINE**  
**Ophthalmology**  
**31.05.01, specialty "Medical business"**

**1. Goals and objectives of the discipline**

**The purpose of mastering the discipline "Ophthalmology"** is to Teach students to identify eye pathology, to correctly assess its severity, to provide the first medical aid and to provide the necessary measures for the organization of prevention, treatment and rehabilitation of patients with various diseases and injuries of the organ of vision.

**Objectives of the discipline " Ophthalmology»:**

- \* Deepen students ' knowledge of clinical anatomy and physiology of the organ of vision.
- \* To teach functional methods of visual analyzer research in children and adults, to show the importance of the results of this examination of the patient in the detection of Central nervous system pathology.
- \* To acquaint students with the etiology, pathogenesis, clinic, diagnosis, prevention and treatment of eye diseases and its appendages in common diseases in children and adults of social importance, requiring emergency care.
- \* To teach tactical measures in case of emergency conditions in ophthalmology.
- \* Familiarize with the most common operations on the organ of vision and the eye apparatus.
- \* To acquaint with questions of medical and labor examination and professional selection.
- To introduce the issues of medical service and preventive me-Rami, aimed at reduction of low vision and blindness.


**2. The place of discipline in the structure of the PLO (VPO)**

B. Discipline 1.48 "Ophthalmology" refers to the basic part of the OOP IN the specialty 31.05.01 "Medical business" of higher medical education and is studied in the ninth semester.


**3. Requirements for the results of the development of the discipline**

№ p/p	The index of competence	The maintenance of competence or parts of it	As a result of the study of the discipline students should		
			know	know	own
1.	<b>ОПК-6</b>	Readiness to maintain medical records	Rules of registration of the outpatient card of the ophthalmologic patient	Fill in the ophthalmologica l status. Write a referral for a consultation with other specialists.	
2.	<b>ОПК-8</b>	Readiness for medical use of drugs and other substances and their combinations in solving professional problems	Ways of administration of drugs in the treatment of diseases of the eye	Write a prescription for drugs used in the treatment of diseases of the organ of vision	
3.	<b>ОПК-11</b>	Readiness for use of medical devices provided by the	Medical devices used in ophthalmology	Choose medical devices for medical care in	

		procedures of medical care	for medical care	different types of ophthalmic pathology	
4.	<i>PK-5</i>	Readiness for the collection and analysis of patient's complaints, data of anamnesis, physical examination, laboratory, instrumental, pathological and other investigations in order to determine the state or of ascertaining the presence or absence of the disease	Diagnostic value of the changes revealed at clinical research of the patient, use of methods of laboratory and tool diagnostics.	Conduct a survey, physical examination of the patient; interpret the results of laboratory and instrumental diagnosis and use in the justification of clinical diagnosis.	Methods of clinical study of an ophthalmic patient, interpretation of the results of additional research methods, algorithm of substantiation of preliminary and clinical diagnosis
5.	<i>PK-6</i>	Ability to determine in patients the main pathological conditions, symptoms, disease syndromes, nosological forms in accordance with ICD-10	The mechanism of clinical symptoms and the principles of their grouping into clinical syndromes, clinical picture, features of the course and possible complications of the most common diseases of the visual organ. Modern methods of clinical, laboratory and instrumental diagnosis of patients with diseases of the visual organ, necessary for diagnosis in accordance With the international	Identify and justify clinical syndromes taking into account the identified clinical symptoms and knowledge about the mechanisms of their development. To choose and use in professional activities the possibility of different methods of clinical and immunological examination and evaluation of the functional state of the body for the timely diagnosis of the disease and pathological processes. Draw up medical	Methods of General clinical examination (questioning, collection of objective and subjective information) for the diagnosis of major clinical syndromes in diseases of the eye. Algorithm of the detailed clinical diagnosis to patients on the basis of the international classification of diseases

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			statistical classification of diseases and health-related problems	documentation. To interpret the results of laboratory and instrumental methods of research, to make a diagnosis according to The international classification of diseases on the basis of the main and additional research methods	
6.	<i>PK-8</i>	Ability to determine the tactics of management of patients with different nosological forms	Basic principles of treatment of ophthalmic diseases	Develop a treatment plan for the patient, taking into account the course of the disease, choose and prescribe drug therapy, non-drug treatment	The algorithm of choice of medical and non-drug treatment of diseases of the ophthalmic profile.
7.	<i>PK-9</i>	Readiness for management and treatment of patients with different nosological forms in outpatient and day hospital conditions	Basic principles of management and treatment of ophthalmic diseases	Develop a plan for the management and treatment of the patient, taking into account the course of the disease, choose and prescribe drug therapy, non-drug treatment	The algorithm of management and selection of drug and non-drug treatment of diseases of the ophthalmic profile.
8.	<i>PK-10</i>	Readiness to provide medical assistance in case of sudden acute diseases, exacerbation of chronic diseases that are not accompanied by a threat to the life of the patient and do not require	Basic principles of medical care in case of sudden acute diseases, exacerbation of chronic diseases that are not accompanied	Develop a plan for the management and treatment of the patient, taking into account the course of the disease, choose and prescribe drug therapy,	Methods of management and selection of drug and non-drug treatment of diseases

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		emergency medical care	by a threat to the life of the patient and do not require emergency medical care	non-drug treatment	
9.	<i>PK-II</i>	Readiness to participate in the provision of emergency medical care in conditions requiring urgent medical intervention	The basic principles of emergency medical care in diseases of the ophthalmic profile	Develop a plan for emergency medical care, taking into account the course of the disease, choose and prescribe drug therapy, non-drug treatment	The algorithm of medical and non-drug treatment in the provision of emergency medical care to patients with diseases of the ophthalmic profile.

#### 4. The total complexity of the discipline

The total complexity of the discipline is 3 credits (108 hours)

#### 5. Educational technology

During the development of the discipline in the classroom using the following educational technologies: information lecture, lecture-visualization, practical training. When organizing classes in an interactive form, technologies are used: work in small groups to solve situational problems, collective discussion of the topic of the lesson, testing. In the organization of independent work using technology: information project (abstract).

#### 6. Monitoring progress

The program of discipline provides the following types of current control: survey, test control, situational task. For this discipline provides a form of reporting: a fragment of the medical history. Interim certification is carried out in the form of: credit (9 semester).