

**Ministry of Health of Ukraine**  
**Bogomolets National Medical University**  
**DEPARTMENT OF OPHTHALMOLOGY**

**“Approved”**  
at the meeting of  
the Department of Ophthalmology  
protocol No.1  
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Head of the Department,  
Doctor of Medicine, Professor  
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D.G. \_\_\_\_\_

**GUIDELINES**  
**for independent work of students**  
**For the lesson "Pathology of eyelids and lacrimal system"**

Academic discipline "Ophthalmology"  
**Educational level** second "Master"  
**Field of knowledge** 22 "Healthcare"  
**Specialty** 222 "Medicine"

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2. Topic of the lesson "**Pathology of eyelids and lacrimal system**".

3. Competencies .

After studying the topic, students should **know:** methods of research of eyelids and lacrimal organs; clinic and treatment of inflammatory diseases of the eyelids; clinic and methods of treatment of anomalies of the position of the eyelids; clinic and principles of treatment of neoplasms of the eyelids; clinic, diagnosis and methods of treatment of acute and chronic dacryocystitis of adults and dacryocystitis of newborns; **be able to:** examine the eyelids and lacrimal organs; turn out the eyelids; diagnose barley and treat it; diagnose chalazion and blepharitis; diagnose dacryocystitis in newborns and adults.

4. Didactic goal - expansion, deepening and detailing of scientific knowledge obtained by students at lectures and in the process of independent work and aimed at increasing the level of assimilation of educational material, instilling skills and abilities, development of scientific thinking and oral speech of students.

5. Number of classroom hours: 3 hours.

6. Equipment: tables, drawings, videos, dummies, table lamp, magnifying glass, eyelid lifter, disinfecting means for hand treatment.

### Lesson plan:

No	The name of the stage	Description of the stage	Levels of learning	Time
1.	<b>Preparatory (15%).</b> Methodological support materials: questions, problems of the II level, written theoretical tasks, tests of the II level.	1. Organization of the lesson. 2. Setting educational goals, motivation of the topic. 3. Control of the initial level of knowledge, skills, abilities: 1) methods of diagnosis of eyelid diseases; 2) etiology, clinic and treatment of barley, chalazion, blepharitis; 3) etiology, clinic and methods of treatment of vertigo, eversion, ptosis, lagophthalmos; 4) clinic and principles of treatment of neoplasms of the eyelids; 5) methods of diagnosing	II	20 min.

		diseases of lacrimal organs; 6) etiology, clinic and methods of treatment of dacryocystitis in adults; 7) etiology, clinic and methods of treatment of dacryocystitis of newborns.		
2.	<b>Basic (65%).</b> Methodological support materials: atypical tasks in the forms: patients, case histories, textual situational tasks, business game; algorithms of formation of professional skills.	1. Formation of professional skills and abilities: 1) master the skills of objective examination; 2) justify the diagnosis based on the results of the study; 3) conduct the patient's treatment, substantiate and make a clinical diagnosis, prescribe treatment.	III	88 min.
3.	<b>Final (20%).</b> Methodological support materials: textual situational problems, level III tests, results of examination of patients (medical histories); indicative map of independent work with literature.	1. Control and correction of the level of professional skills and abilities. 2. Discussion of the results of the examination of patients. 3. Summary of lessons (theoretical, practical, organizational). 4. Homework: educational literature on the topic (main, additional).	III	27 min.

## 7. Recommended literature:

### Basic

1. Zhaboyedov G.D., Kireev V.V. Ophthalmology: practicum: educational guide. - K.: VSV "Medicine", 2013. - 280 p.
2. "Ophthalmology" textbook /OP Vitovska et al.; K.: " Medicine ", 2017. - 648 c.

### Auxiliary

1. Wills Clinic. Diagnosis and treatment of eye diseases / Ed. Douglas Cullom and Benjamin Chang - Lviv: Medicine of the World, 2019. - 504 p.
2. Augusta Azuara-Blanco and others. Glaucoma terminology and guidelines. 5th edition. – 2021, 170 p.
3. Wenger G.Yu., Soldatova A.M., Wenger L.V. Ophthalmology. Course of lectures. – 2010., 180 p.
4. Zavhorodnia N.G., Sarzhevskaya L.E., Ivakhnenko O.M. etc. Anatomy of the eye. Research methods in ophthalmology: teaching. manual for medical students. facts. - Zaporizhzhia, 2017. - 76 p.