

Odessa National Medical University
Medical Faculty
Otorhinolaryngology Department

Syllabus of the course
Otorhinolaryngology

Volume	3,0 ECTS credit, 90 hours
Семестр, год обучения	VII – VIII semesters, 4 course
Days, time, place	The time and place of the academic discipline are determined in accordance with the approved schedule of classes.
Professors	Department staff
Contact number	(048) 736-22-30
E-mail	olga.titarenko@onmedu.edu.ua
Workplace	CCH №11 Lecture room - 1 CCH №11 Study room - 1 ORCH Lecture room - 1 ООКБ Study room - 4 Center for Reconstructive and Restorative Medicine (University Clinic) Study room - 1
Consultations	Base of CCH №11, Akademik Vorobyov str., 5, building No. 8, second floor Base of ORCH, Akademik Zabolotny str., 32, 9th floor Base of the University Clinic, Tenistaya str., 8, basement

COMMUNICATION

FACE-TO-FACE MEETINGS, E-MAIL, SOCIAL NETWORKS, TELEPHONE.

COURSE ANNOTATION

The subject of the discipline is clinical anatomy, physiology, methods of examination of ENT organs, etiology, pathogenesis, diagnosis and treatment of the most common diseases of ENT organs.

Prerequisites of the course: to master the discipline, knowledge, skills and abilities of such disciplines as "Medical and Biological Physics", "Human Anatomy", "Microbiology, Virology and Immunology", "Histology, Cytology and Embryology", "Physiology", "Internal Diseases", "Surgery", "Morphology", "Pathophysiology", "Radiology", "Neurology", "Ophthalmology", "Phthisiology".

Postrequisites: knowledge, skills and abilities in the discipline "Otorhinolaryngology" are necessary for the study of infectious diseases, epidemiology, occupational diseases, oncology.

The purpose of teaching the academic discipline "Otorhinolaryngology" are:

- mastering diagnostic methods;
- treatment and prevention of the most common ENT diseases;
- mastering the skills of examination of ENT patients;

- mastering the ability to diagnose traumatic injuries of ENT organs and provide first aid for them;
- formation of the ability to apply the acquired knowledge, abilities, skills and understanding in otorhinolaryngology.

The task of the discipline:

- master of practical skills for examination of ENT organs;
- master of practical skills in first aid for such conditions as bleeding from ENT organs, closed soft tissue injury, fracture of facial bones, laryngeal stenosis;
- master of practical skills for endoscopic examination of ENT organs;
- master of practical skills for diagnosis and differential diagnosis in various ENT infectious processes, obtaining skills in choosing a treatment program and prophylaxis for ENT infection.

Expected results

As a result of studying the discipline, students should know:

- modern concepts of domestic and foreign theoretical and practical otorhinolaryngology;
- theoretical aspects of ENT instruments and methods of their application;
- classification, clinical manifestations, consequences of bleeding from ENT organs, methods of temporary and final stopping of bleeding;
- tactics for laryngeal stenosis, clinical manifestations of various stages, their diagnosis, measures of conservative and surgical treatment;
- general issues of traumas of ENT organs;
- general issues of ENT manifestation of HIV infection;
- clinic, diagnosis and treatment of purulent-inflammatory diseases of the ENT organs;
- methodology for examining a patient, especially examining a patient with ENT pathology;
- peculiarities of the structure of the medical record of an inpatient.

As a result of studying the discipline, students should be able to:

- to collect anamnesis and objective examination of the ENT patient;
- diagnose and provide first aid for various traumatic injuries of the ENT organs;
- choose the tactics of postoperative ENT management of the patient, depending on the surgical intervention;
- to diagnose various inflammatory and non-inflammatory processes of ENT organs, to carry out differential diagnostics between them;
- choose the appropriate conservative and surgical tactics for different stages of development of ENT organs inflammation;
- issue an inpatient card for a patient with ENT pathology.

THE COURSE DESCRIPTION

Forms and methods of teaching

The course will be presented in the form of lectures (10 hours), practical classes (30 hours), organization of students' independent work (50 hours).

During the teaching of the discipline, the following teaching methods are used: lectures, explanations, multimedia presentations, computer testing, solving situational problems, curation of the thematic patients, interpretation of laboratory and special research data characterizing the functional state of the upper respiratory tract and ear, control of practical skills, etc.

The program contents

Topic 1. Endoscopic methods of examination of ENT organs.

Topic 2. Clinical anatomy, physiology and methods of ear examination.

Topic 3. Clinical anatomy, physiology and methods of examination of the nose, paranasal sinuses.

Topic 4. Clinical anatomy, physiology and methods of examination of the pharynx, larynx, trachea, esophagus.

Topic 5. Diseases of the outer ear (ISW).

Topic 6. Acute middle purulent otitis. Mastoiditis. Anthromastoidotomy.

Topic 7. Atypical forms of mastoiditis (ISW).

Topic 8. Chronic middle purulent otitis, labyrinthitis.

Topic 9. Non-purulent ear diseases: catarrh of the middle ear, exudative otitis, sensorineural hearing loss, otosclerosis, Meniere's disease.

Topic 10. Modern methods of surgical treatment of chronic middle purulent otitis and deafness (sanitizing and restorative surgery (ISW)).

Topic 11. Acute and chronic diseases of the nasal cavity (ISW).

Topic 12. Acute and chronic diseases of the paranasal sinuses.

Topic 13. Rhinogenic and otogenic intracranial and orbital complications. Curation of patients.

Topic 14. Acute tonsillopharyngitis, chronic tonsillitis and their complications.

Topic 15. Acute secondary tonsillitis (ISW).

Topic 16. Acute and chronic inflammatory diseases of the larynx. Laryngeal stenosis.

Topic 17. Benign tumors of the upper respiratory tract and ear (ISW).

Topic 18. Malignant tumors of the ENT organs.

Topic 19. Infectious granulomas of the upper respiratory tract and ear (ISW).

Topic 20. Nasal injuries, epistaxes.

Topic 21. Foreign bodies of the ENT organs. Burns of the esophagus.

Topic 22. Defense of medical history.

Exam.

Literature:

1. Попович В.І. Сучасні стандарти лікування гострих запальних захворювань ЛОР - органів (Рекомендації). Київ, 2019. 80 с.
2. Невідкладна допомога в оториноларингології: навчальний посібник / Науменко О.М., Васильєв В.М., Деєва Ю.В., Безшапочний С.Б. Всеукраїнське спеціалізоване видавництво «Медицина». 2017. 144с.
3. Бабінець Л.С, Бездітко П.А., Пухлік С.М. та ін Сімейна медицина: у 3 кн.: підручник. Кн.3. Спеціальна частина. Поліпрофільність загальної лікарської практики. – К., 2017. – 680 с.

4. Посібник до практичних занять з оториноларингології для викладання за кредитно-модульною системою: Навчальний посібник. / Мітін Ю.В., Науменко О.М., Дєєва Ю.В., Шевчук Ю.В., Островська О.О. К.: ВСВ «Медицина», 2015. 136 с.
5. Заболотний Д.І., Мітін Ю.В., Безшапочний С.Б., Дієва Ю.В. Оториноларингологія. – К.: ВСВ «Медицина», 2017. – 460 с.
6. Мелісса Скоулз, Виджай Рамакришнан. Оториноларингологія. Теорія і практика//ГЭОТАР-Медиа, 2016. – 704с.
7. Мітін Ю.В., Науменко О.М., Дєєва Ю.В. Посібник до практичних занять з оториноларингології для викладання за кредитно-модульною системою: Навчальний посібник. – К.: Видавничий дім «Асканія», 2008. – 165 с.
8. Дитяча оториноларингологія: Національний підручник. / Лайко А.А., Косаковський А.Л. та ін. – К.: Логос, 2015. – 576 с.
9. Пальчун В.Т., Магомедов М.М., Лучихин Л.А. Оториноларингологія: учебник. – 2-е изд., испр. и доп. – М.: «ГЭОТАР-Медиа», 2016. – 656 с.
10. Євчев Ф.Д. Пропедевтика захворювань ЛОР-органів та невідкладна допомога в оториноларингології. Одеса «Астропринт», 2010. 248 с.
11. Вказівки з воєнно-польової хірургії / за ред.. Я.Л.Заруцького, А.А.Шудрака.- К.:СПД Чалчинська Н.В.,2014.396 с.
12. R.Corbridge, N.Steventon. Oxford Handbook of ENT and Head and Neck Surgery//Paperback, 2020. 496 p.
13. Y.Mitin, Y.Deyeva, Y.Gomza, V. Didkovskyi etc. Otorhinolaryngology// Medicine, 2018. 264 p.
14. R.Probst, G.Grevers, H.Iro. Basic Otorhinolaryngology. A Step-by-Step Learning Guide//Thieme, 2017. 430 p.
15. M. M Paparella. Paparella'S Otolaryngology Head & Neck Surgery (2 Volumes)// Hardcover, 2020. 460 p.
16. Pukhlik S.M., Titarenko O.V. Otorhinolaryngology. Odessa, 2011. 172 p.

EVALUATION

Assessment of current learning activities

The Department uses various forms of control over certain classes academic discipline (oral, written, combined, testing, practical skills, etc.). The results of academic success of students are exhibited in the form of an assessment on a national scale, 200-point and ECTS scale and have standardized generalized criteria for assessing knowledge:

national scale:

- the grade "excellent" is given to the student who systematically worked during the semester, showed during the exam versatile and deep knowledge of program material, is able to successfully perform tasks that provided by the program, mastered the content of basic and additional literature, realized the relationship of individual sections of the discipline, their importance for future profession, showed creative abilities in understanding and using training material, showed the ability to

independent updating and replenishing knowledge; level of competence - high (creative);

- a grade of "good" is given to a student who has shown complete knowledge training material, successfully performs the program task, mastered the basic literature recommended by the program, showed sufficient level of knowledge of the discipline and capable of self-updating and renewal in the course of further training and professional activity; level competence - sufficient (constructively-variable);

- the grade "satisfactory" is given to the student who has shown knowledge basic training material to the extent necessary for further training and subsequent work in the profession, copes with performing the tasks provided by the program, made some mistakes in answers to the exam and when performing exam tasks, but possesses the necessary knowledge to overcome mistakes under management scientific and pedagogical worker; level of competence – average (reproductive);

- the grade "unsatisfactory" is given to the student who did not find out sufficient knowledge of basic curriculum, admitted fundamental errors in the implementation of the tasks provided by the program, can not without the help of a teacher to use knowledge in further education, no managed to master the skills of independent work; level of competence - low (receptive-productive).

Assessment of individual student assignments

Assessment for individual tasks is charged to the student only if they are successfully completed and defended. The grade is added to the current progress.

Assessment of students' independent work

Independent students work which is provided by the topic of the lesson along with classroom work, is assessed during the current control of the topic in the relevant lesson. Assimilation of topics that are submitted only for independent work is checked during the exam.

Final control

Upon completion of the study of the discipline is a exam. Only those students who do not have academic debt and have an average score of at least 3.00 for current academic activities are allowed to take the final certification. Before the exam, students solve 20 tasks such as "Step-2", students who have answered at least 60.5% of the tests are allowed to take the exam.

Exam is assessed on a 4-point scale. Means of diagnostics of assimilation of material are control of performance of practical skills, oral answer to 2 theoretical questions and a clinical task.

The grade for the discipline consists of two components:

- 50% - current academic performance (arithmetic mean of all student grades);
- 50% score on exam.

The average score for the discipline is calculated as the arithmetic mean of current academic performance and exam.

Independent students work.

Independent and individual work in the study of the discipline is provided by methodical developments on independent work of students, visual aids (presentations,

educational films), information resource of the department, topics of independent tasks, algorithms for practical skills, test tasks such as "Step-2" for each lesson.

At the end of the cycle, each student must solve 7 clinical tasks (for each topic of ISW) and provide the teacher with written answers to questions. Students can get advice on solving these problems, as well as on practical classes in post-classroom time from the teachers of the department.

COURSE POLICY

Deadline and transfer policy

During the cycle, the student can work 1 absence per day. After the end of the cycle on Wednesdays - 1 absence, every Saturday - 2 absences. The passing of the differentiated test with the permission of the dean's takes place after the student has completed all class absences and unsatisfactory marks, if his rating is less than 3.0.

Academic Virtue Policy

Observance of academic virtue by applicants for education provides:

- independent performance of educational tasks, tasks of current and final control of learning outcomes;
- links to sources of information when using ideas, developments, statements, information;

The use of prohibited auxiliary materials or technical means (cheat sheets, notes, headphones, phones, smartphones, tablets, etc.) during the control classes is unacceptable for the participants of the educational process.

For violation of academic virtue, applicants for education may be held subject to the following academic liability:

- reduction of results of assessment of daily work, differentiated test;
- re-passing the certification.

Attendance and lateness policy

Skips and late classes are not allowed.

Mobile devices

The use of mobile devices in the clinic of otorhinolaryngology and in the classroom is not allowed without the permission of the teacher.

Behavior in the audience

Students should observe silence in the otorhinolaryngology clinic, not talk unnecessarily in the examination rooms. The appearance of students must meet the requirements of the surgical clinic: medical gown, hat, mask, surgical costume. The student takes an active part in carrying out the necessary minimum of theoretical educational work, mastering of practical skills and curation of thematic patients.