

**MINISTRY OF HEALTH OF UKRAINE
ODESA NATIONAL MEDICAL UNIVERSITY
Faculty of medicine, international
Department of Otorhinolaryngology
The silhouette of the elective discipline**

"Inflammatory and non-inflammatory diseases of the larynx. Stenosis of the larynx".

Scope of the discipline	Total number of hours per discipline: 90 hours, 3 credits. Semesters: IX - X. 5th year of study.
Days, time, place of the course	According to the schedule of classes. Department of Otorhinolaryngology Base of KIE "ODKH" ODC, 26, str. Akademik Zabolotny, 9th floor. Base of the University Clinic, st. Tinista, 8, basement.
Teacher(s)	Serhii Mykhailovych Pukhlik, Head of the Department, PhD, Professor. Yevchev Fedir Dmytrovych, PhD, Professor. Associate professors: Bohdanov Kyrylo Georgiyovych, PhD. Olga Valentynivna Titarenko, PhD. Dedykova Iryna Volodymyrivna PhD, Shchelkunov Anatoly Petrovych, PhD. Assistants: Ph.D. Iryna Kimivna Tagunova, PhD. Inna Eduardivna Chernysheva, PhD. Iryna Volodymyrivna Dobronravova, , PhD. Oleksandr Viktorovych Andreev, PhD. Volodymyr Volodymyrovych Kolesnichenko, PhD Yevcheva Angelina Fedorivna, PhD Bogdanov Viktor Kirilovich.
Contact information	Help by phone: Olga Valentynivna Titarenko, head of the study 096-531-71-33, (048) 736-22-30 Valentina Sergienko, laboratory technician 098-454-38-80, (048) 736-22-30 E-mail: olga.titarenko@onmedu.edu.ua Consultations: from 2:00 p.m. to 5:00 p.m. every Wednesday, from 9:00 a.m. to 2:00 p.m. every Saturday Online consultations: from 4:00 p.m. to 6:00 p.m. every Wednesday, from 9:00 a.m. to 2:00 p.m. every Saturday. The link to the online consultation is provided to each group during classes separately.

COMMUNICATION

Communication with applicants will be carried out in class (in person).

During distance learning, communication is carried out through the Microsoft Teams platform, as well as via e-mail, Telegram, Viber messengers (through groups created for each group, separately through the group head).

SUMMARY OF THE SUBJECT

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

*Prerequisites and post-requisites of the discipline
(place of the discipline in the educational program):*

Prerequisites: Ukrainian language (for professional purposes), foreign language (for professional purposes), Latin language and medical terminology, medical biology, medical and biological physics, biological and bioorganic chemistry, human anatomy, histology, cytology and embryology, physiology, microbiology, virology and immunology, life safety; Fundamentals of bioethics and biosafety, pathomorphology, pathophysiology, pharmacology,

pediatrics, medical psychology, ophthalmology, neurology, psychiatry, narcology, dermatology, venereology.

Post-qualifications: pediatrics, internal medicine, surgery, obstetrics and gynecology, infectious diseases, epidemiology and principles of evidence-based medicine, oncology and radiation medicine, traumatology and orthopedics, phthisiology, anesthesiology and intensive care, emergency and urgent care, hygiene and ecology, palliative and hospice medicine, general practice (family medicine).

Objective of the discipline:
to acquire additional knowledge and master the professional competencies and skills of monitoring and management of patients with laryngeal pathology; communications skills, taking into account the peculiarities of communication between a family doctor and a healthy and sick person.

- Objectives of the discipline:*
1. Formation of skills and abilities to communicate with laryngology patients.
 2. Formation of skills and abilities to communicate with patients with the most common diseases of the larynx.
 3. Improvement of skills in substantiating clinical diagnosis, differential diagnosis, drawing up a plan of instrumental studies for the most common diseases of the larynx.
 4. Mastering the ability to determine the tactics of rehabilitation, management, treatment and prevention of the most common diseases of the larynx.

Expected results:
As a result of studying the discipline, the student must:
To know: modern concepts of domestic and foreign theoretical and practical laryngology; classification, clinical manifestations, consequences of diseases of the vocal apparatus, measures of conservative and surgical treatment; general issues of rehabilitation of patients with laryngeal diseases, features of examination of a patient with laryngeal diseases; features of the structure of the medical record of a laryngological patient.

To be able to: conduct an anamnesis and objective examination of the patient's ENT organs; diagnose and provide first aid for diseases of the larynx; choose the tactics of postoperative management of a laryngological patient depending on the surgical intervention; diagnose various inflammatory and non-inflammatory processes of the larynx, conduct differential diagnosis between them; choose appropriate conservative and surgical tactics for rehabilitation.

DESCRIPTION OF THE DISCIPLINE

Forms and methods of training
The discipline will be taught in the form of practical classes (30 hours), organization of independent work of higher education students (60 hours).

Teaching methods: conversation, solving clinical situational tasks, examination of the patient, instruction and practice of skills on simulation models, training exercises on differential diagnosis of the most common diseases of the larynx.

Content of the discipline

Number p/n	Topics.
1.	Anatomy, physiology of the larynx.
2.	Voice in human life. Phoniatics.
3.	Functional diseases of the larynx. Hypotonic dysphonia and phonasthenia. Psychogenic aphonia. Hypertensive and spastic dysphonia.

	Mutational dysphonia.
4.	Occupational diseases of the vocal apparatus.
5.	Acute laryngitis.
6.	Chronic laryngitis.
7.	Specific laryngitis 1
8.	Specific laryngitis 2
9.	Paresis and paralysis of the larynx. Classification, causes, diagnosis, treatment
10.	Tumor-like formations
11.	Benign tumors of the larynx.
12.	Malignant tumors of the larynx
13.	Injuries, burns of the larynx.
14.	Acute and chronic stenosis of the larynx
15.	Rehabilitation of patients after surgical treatment for laryngeal cancer (after extirpation and resection of the larynx).

Credit. It is graded on a two-point scale: the grade "passed" is given to a higher education student who has completed the curriculum of the discipline, has no academic debt; the level of competence is high (creative); the grade "failed" is given to a higher education student who has not completed the curriculum of the discipline, has academic debt (grade point average below 3.0 and/or absences); the level of competence is low (receptive and productive).

List of recommended reading:

Main:

1. Laiko A.A., Zabolotnyi D.I., Havrylenko Y.V., [etal] Acute nonspecific diseases of the larynx.
2. Popovych V.I. Modern standards of treatment of acute inflammatory diseases of ENT organs (Recommendations). - Kyiv, 2019. - 80 p.
3. Zabolotnyi D.I., Mitin Y.V., Bezshapochnyi S.B., Dieva Y.V. Otorhinolaryngology - K.: VSV "Medicine", 2020. - 460 p.
4. Brad A. Stach, Virginia Ramachandran. Clinical Audiology: An Introduction: Plural Publishing, 3rd Edition. 2021. Pp. 1-645.
5. Geoffrey Cooling. The Little Book of Hearing Aids. 2020. Pp. 1-256.

Additional:

6. R. Corbridge, N. Steventon. Oxford Handbook of ENT and Head and Neck Surgery // Paperback, 2020. - 496 p.
7. Y. Mitin, Y. Deyeva, Y. Gomza, V. Didkovskyi et al. Otorhinolaryngology // Medicine, 2018. - 264 p.
8. P.W. Flint, B.H. Haughey, V.J. Lund, K.T. Robbins, J.R. Thomas, M.M. Lesperance, H.W. Francis. Cummings Otolaryngology: Head and Neck Surgery, 3-Volume Set // Hardback Format, 2020. - 3568 p.
9. Z. Mu, J. Fang. Practical Otorhinolaryngology, Head and Neck Surgery: Diagnosis and Treatment // Hardback, 2020. - 314 p.

Information resources

1. <http://moz.gov.ua>- Ministry of Health of Ukraine
2. www.ama-assn.org - American Medical Association / American Medical Association
3. www.who.int - World Health Organization
4. www.dec.gov.ua/mtd/home/ - State Expert Center of the Ministry of Health of Ukraine
5. <http://bma.org.uk> - British Medical Association

6. www.gmc-uk.org - *General Medical Council (GMC)*
7. www.bundesaerztekammer.de - *German Medical Association*

EVALUATION

Ongoing control: oral questioning, testing, evaluation of activity in the classroom.

Final control: Credit. It is assessed on a two-point scale: the grade "passed" is given to a higher education student who has completed the curriculum of the discipline, has no academic debt; the level of competence is high (creative); the grade "failed" is given to a higher education student who has not completed the curriculum of the discipline, has academic debt (grade point average below 3.0 and/or absences); the level of competence is low (receptive and productive).

Assessment of current learning activities in a practical class:

1. Assessment of theoretical knowledge on the topic of the class:
 - Methods: survey, solving a situational clinical problem
 - maximum grade - 5, minimum grade - 3, unsatisfactory grade - 2.

The grade for one practical lesson is the arithmetic mean of all components and can only have an integer value (5, 4, 3, 2), which is rounded according to the statistical method.

Criteria for the current assessment in the practical class

Assessment.	Evaluation criteria
"5"	The applicant is fluent in the material, takes an active part in the discussion and solution of a situational clinical problem, confidently demonstrates practical skills during the examination of the patient and interpretation of clinical, laboratory and instrumental research data, expresses his/her opinion on the topic of the class, demonstrates clinical thinking.
"4"	The applicant has a good command of the material, participates in the discussion and solution of a situational clinical problem, demonstrates practical skills during the examination of the patient and interpretation of clinical, laboratory and instrumental research data with some errors, expresses his/her opinion on the topic of the class, demonstrates clinical thinking.
"3"	The applicant has insufficient knowledge of the material, is not confident in discussing and solving a situational clinical problem, demonstrates practical skills in examining a patient and interpreting clinical, laboratory and instrumental research data with significant errors.
"2"	The applicant does not know the material, does not participate in the discussion and solution of a situational clinical problem, does not demonstrate practical skills during the examination of the patient and the interpretation of clinical, laboratory and instrumental research data.

An applicant is admitted to the test if he or she fulfills the requirements of the curriculum and if he or she has received at least 3.00 points for the current academic activity.

POLICY OF THE ACADEMIC DISCIPLINE

Policy on deadlines and retakes:

- Unexcused absences are made up to the teacher on duty according to the schedule.
- Absences for valid reasons are made up on an individual schedule with the permission of the dean's office.

Policy on academic integrity:

It is mandatory for applicants to maintain academic integrity, namely:

- independent performance of all types of work, tasks,
- forms of control provided for by the work program of this discipline;
- references to sources of information when using ideas, developments, statements, and data;
- Compliance with copyright and related rights legislation;

- providing reliable information about the results of their own educational (scientific) activities, research methods and sources of information.

Unacceptable in educational activities for participants in the educational process are:

- use of family or official ties to obtain a positive or higher grade during any form of control of learning outcomes or advantages in academic work;
- use of prohibited auxiliary materials or technical means (cribs, notes, micro-headphones, phones, smartphones, tablets, etc.) during control measures;
- passing the procedures for monitoring the results of training by fictitious persons.
Students may be held academically liable for violations of academic integrity:
- lowering the results of a test, class grade, test, etc.;
- repeating the assessment (test, exam, etc.);
- Appointment of additional control measures (additional individual tasks, quizzes, tests, etc.);
- conducting an additional check of other works by the infringer.

Attendance and tardiness policy:

Uniform: a medical gown that completely covers the outerwear, or medical pajamas, cap, mask, changeable shoes.

Equipment: notebook, pen.

Health status: applicants with acute infectious diseases, including respiratory diseases, are not allowed to attend classes.

An applicant who is late for class may attend it, but if the teacher has given him/her a "nb" in the journal, he/she must make up the class in the general order.

Use of mobile devices:

Mobile devices may be used by students with the permission of the instructor if they are needed to complete the assignment.

Behavior in the classroom:

The behavior of students and teachers in the classroom should be working and calm, strictly comply with the rules established by the Regulations on Academic Integrity and Ethics of Academic Relations at Odesa National Medical University, in accordance with the Code of Academic Ethics and Relations of the University Community of Odesa National Medical University, the Regulations on the Prevention and Detection of Academic Plagiarism in the Research and Educational Work of Higher Education Students, Researchers and Teachers of Odesa National Medical University, the Regulations on the

