

MINISTRY OF HEALTH PROTECTION OF UKRAINE
ODESSA NATIONAL MEDICAL UNIVERSITY
Faculty of medicine, international
Department of Otorhinolaryngology
Syllabus of selective discipline
" Inflammatory and dystrophic diseases of the pharynx "

Scope of the academic discipline	Total number of hours per discipline: 90 hours, 3 credits. Semesters: XI - XII . 6th year of study.
Days, time, place of educational discipline	According to the schedule of classes. Department of Otorhinolaryngology Base of KNP "OOKL" OOR, str. Akademika Zabolotny, 26, 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 Valentinivna 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 Valentinivna 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 conducted in the classroom (face-to-face).

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

ABSTRACT OF THE ACADEMIC DISCIPLINE

The subjects of the discipline are clinical anatomy, physiology, methods of research of the pharynx, etiology, pathogenesis, diagnosis and treatment of the most common diseases of the pharynx, methods of treatment and rehabilitation.

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

Prerequisites: Ukrainian language (by professional direction), foreign language (by professional direction), 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; basics of bioethics and biosafety, pathomorphology, pathophysiology, pharmacology, propaedeutics of pediatrics, medical psychology, ophthalmology, neurology, psychiatry, narcology, dermatology,

venereology.

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

The goal of the discipline: acquisition by the learner of additional knowledge and mastery of professional competences and skills of observation and management of patients with ear pathology; communication skills, taking into account the peculiarities of communication between a family doctor and a healthy and sick person.

Tasks of the discipline:

1. Formation of skills and communication skills with a patient with pharyngeal pathology.
2. Formation of skills and communication skills with the patient in the most common diseases of the pharynx.
3. Improving the skills of substantiating clinical diagnosis, differential diagnosis, drawing up a plan of instrumental research for the most common diseases of the pharynx.
4. Mastering the ability to determine the tactics of rehabilitation, management, treatment and prevention of the most common diseases of the pharynx.

Expected results:

As a result of studying the academic discipline, the applicant must:

Know: classification, clinical manifestations, consequences of diseases of the pharynx, measures of conservative and surgical treatment; general questions of injuries of the pharynx, features of the examination of a patient with diseases of the pharynx.

Be able to: collect anamnesis and objective examination of the patient's ENT; diagnose and provide first aid for diseases of the pharynx; diagnose various inflammatory and non-inflammatory processes of the pharynx, carry out differential diagnosis between them; choose appropriate conservative and surgical tactics for rehabilitation.

DESCRIPTION OF THE ACADEMIC DISCIPLINE

Forms and methods of education

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

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

Content of the academic discipline

Topic 1. Clinical anatomy of the pharynx . Clinical anatomical structure of the nasopharynx, oropharynx, larynx.

Topic 2. Pharynx physiology . Respiratory, swallowing, taste, protective, resonator functions of the pharynx. The role of lymphadenoid tissue in the human body. Pharyngeal microbiome.

Topic 3. Pharynx research methods. Epi-, meso-, hypopharyngoscopy. Direct hypopharyngoscopy. Finger examination of the pharynx. Examination of the nasopharynx with retraction of the soft palate. Endoscopic and ultrasound examination of the pharynx. CT and MRI of the pharynx.

Topic 4. Tonsillitis. Classification, etiology, pathogenesis, clinical picture, diagnostic methods.

Topic 5. Treatment of inflammatory diseases of the throat. Etiotropic, pathogenetic, symptomatic treatment. The problem of antibiotic resistance. Indications for antibacterial therapy. Algorithm of antibacterial therapy for diseases of the pharynx. Delayed prescription of antibiotics. Reasonableness of prescribing antibiotics. Typical mistakes of antibacterial therapy. Routes of administration and doses of antibiotics.

Topic 6. Secondary tonsillitis in infectious diseases . Measles: etiology, epidemiology, pathogenesis, clinical symptoms, oropharyngoscopic picture, treatment, prevention. Scarlet fever: etiology, epidemiology, pathogenesis, clinical etiology, epidemiology, pathogenesis, clinical symptoms, oropharyngoscopic picture, treatment, prevention. Infectious mononucleosis: etiology, epidemiology, pathogenesis, clinical symptoms, oropharyngoscopic picture, treatment, prevention.

Topic 7. Secondary tonsillitis with diphtheria . Etiology, epidemiology, mechanism of infection transmission, pathogenesis. Oropharyngeal diphtheria. Forms Oropharyngoscopy. Complication. Differential diagnosis. Treatment. Prevention.

Topic 8. Damage to the pharynx in specific infections General characteristics. Impression of gothka with scleroma, tuberculosis, syphilis. Etiology, pathogenesis, clinical picture and principles of treatment.

Topic 9. Lesions of the pharynx in HIV infection (AIDS). Definition of the concept. Etiology, epidemiology. Prevention. Stages. Diagnostics. Treatment. Forecast.

Topic. 10. Complications of acute primary tonsillitis . Paratonsillitis (Paratonsillar abscess). Lateropharyngeal abscess. Pharyngeal abscess. Intratonsillar abscess. Adenophlegmon of the neck. Tonsilogenic sepsis.

Topic 11 . Recurrent tonsillitis. Forms Clinical symptoms. Pharyngoscopy picture. Diagnostics. Complication. Treatment. Tonsillectomy technique.

Topic 12. Pharyngitis. Classification. Etiological structure. Phases of pathogenesis. Basic clinical symptoms. Treatment.

Topic 13. Pharyngomycosis. Pathogens of mycoses. Risk factors for a severe course. Diagnostics. Treatment. Forecast.

Topic 14. Hypertrophy of the Waldeyer-Pirogov lymphopharyngeal ring. Chronic nasopharyngitis. Favorable factors of lymphadenoid tissue hypertrophy. Degrees of hypertrophy. Symptoms Treatment.

Topic 15. Bleeding, injuries, foreign bodies of the pharynx. Foreign bodies of the pharynx: symptoms. Symptoms of pharyngeal burns, treatment. Complication. Classification, symptoms of pharyngeal injuries, treatment, emergency care.

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

List of recommended literature:

Main:

1. Otorhinolaryngology: textbook/D.I. Zabolotny, Y.V. Mitin, S.B. Bezshapochny, Y.V. Deeva - 4th edition. K.; Medical University "Medicine", 2020.-472 p. (black and white) + 32 color stickers .
2. Propedeutics of otorhinolaryngology is a textbook for interns and trainees of FPDO. Under the editorship Prof. Kitsery O.Om. and Assoc. Tsymara A.V. Authors in alphabetical order: Barylyak A.Yu., Kitsera O.O., Kitsera O.Om., Kruk M.B., Kruk M.M., Moskalyk O.E., Pushkaryova V.M., Semenyuk O.O. , Tsymar A.V., Chorny O.V. – Lviv-2019.-377 p.
3. Unexplained otorhinolaryngology in peacetime and wartime, a guide for doctors and trainees of FPDO. Under the editorship Prof. Kitsera O.Om. Authors in alphabetical order; Gerbish Yu.O., Kitsera O.Om., Kitsera O.O., Moskalyk, Pushkaryova V.M., Semenyuk O.O., Semchyshyn I.M., Tsymar A.V., Chorny O.V. - Lviv - 2020-235 S.
4. Geoffrey Cooling . The Little Book of Hearing Aids. 2020.pp . 1 -256.
5. Yevchev F.D., Pukhlik S.M., Titarenko O.V., Yevcheva A.F., Gaevskyi V.V. Modern emergency care for patients with acute and chronic diseases of the ENT organs and their complications: a teaching and methodical guide for students of higher medical schools, otorhinolaryngologists and family doctors. – Odesa: Oldi+, 2023. – 272p.

Additional:

6. Kosakovskii A.L., Laiko A.A., Kosakivska I.A., Sinyachenko V.V., Bredun O.Yu., Havrylenko Yu.V., Sapunkov O.D., Moshich O.P./Pediatric otorhinolaryngology . Collection of test tasks; study guide.-K.: NMAPO named after P.L. Shupyk, 2019.- 272 p.

7. Unified clinical protocol of primary, secondary (specialized) and tertiary (highly specialized) medical care Tonsillitis.-https://www.dec.gov.ua/wp-content/uploads/2021/04/2021_639_kn_tonzylit.pdf
8. Kramarev S.O., Yevtushenko V.V. Ivanova L.A., Horbatiuk I.B. Acute tonsillopharyngitis in children. Current state of the problem.//Actual Infectology.-Volume 7 No. 5, 2019.-P.236-
9. Otorhinolaryngology: a course of lectures for students of the 4th year of the educational and qualification level "Master" specialty 222 "Medicine"/ V.I. Troyan, M.I. Nikulin, O.M. Kostrovskiy, I.O.. Sinaiko, D.A. Putilin, I.M. Nikulin.-Zaporizhia: ZDMU, 2020.-91p.
10. 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// Format Hardback, 2020. - 3568 p.
11. 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 / AmericanMedicalAssociation
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

ASSESSMENT

On-going control: oral survey, testing, assessment of class activity.

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

Evaluation of the current educational activity in a practical lesson :

1. Evaluation of theoretical knowledge on the subject of the lesson:
 - methods: survey, solving a situational clinical problem
 - the maximum score is 5, the minimum score is 3, the unsatisfactory score is 2.

The grade for one practical session is the arithmetic average of all components and can only have a whole value (5, 4, 3, 2), which is rounded according to the statistical method.

Current evaluation criteria in practical training

Rating	Evaluation criteria
"5"	The applicant is fluent in the material, takes an active part in discussing and solving a situational clinical problem, confidently demonstrates practical skills during the examination of a patient and the interpretation of clinical, laboratory and instrumental research data, expresses his opinion on the topic of the lesson, 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 a patient and the interpretation of clinical, laboratory and instrumental research data with some errors, expresses his opinion on the topic of the lesson, demonstrates clinical thinking.
"3"	The acquirer does not have sufficient knowledge of the material, is unsure of

	participating in the discussion and solution of the situational clinical problem, demonstrates practical skills during the examination of the patient and the interpretation of clinical, laboratory and instrumental research data with significant errors.
"2"	The acquirer does not possess the material, does not participate in the discussion and solution of the situational clinical problem, does not demonstrate practical skills during the examination of the patient and the interpretation of clinical, laboratory and instrumental research data.

The applicant is admitted to the credit if he meets the requirements of the educational program and if he received at least 3.00 points for the current educational activity.

POLICY OF EDUCATIONAL DISCIPLINE

Deadlines and Rescheduling Policy :

- Absences of classes for non-respectable reasons will be worked out according to the schedule of the teacher on duty.
- Absences for valid reasons are worked out according to an individual schedule with the permission of the dean's office.

Academic Integrity Policy :

Applicants must observe academic integrity, namely:

- independent performance of all types of work, tasks, forms of control provided for by the work program of this educational discipline;
- references to sources of information in case of use of ideas, developments, statements, information;
- compliance with the legislation on copyright and related rights;
- provision of reliable information about the results of one's own educational (scientific) activity, used research methods and sources of information.

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

- the use of family or official ties to obtain a positive or higher grade during the exercise of any form of control of learning outcomes or advantages in academic work;
- use of prohibited auxiliary materials or technical means (cheat sheets, notes, micro-earphones, telephones, smartphones, tablets, etc.) during control measures;
- going through procedures for monitoring the results of training by fake persons.

For violation of academic integrity, students may be held to the following academic responsibility:

- decrease in the results of assessment of test work, assessment in class, credit, etc.;
- retaking the assessment (test, credit, etc.);
- appointment of additional control measures (additional individual tasks, control works, tests, etc.);
- conducting an additional inspection of other works authored by the violator.

Attendance and Tardiness Policy:

Uniform: medical gown, which completely covers the outer clothing, or medical pajamas, cap, mask, changeable shoes.

Equipment: notebook, pen.

State of health: applicants suffering from acute infectious diseases, including respiratory diseases, are not allowed to attend classes.

A student who is late for a class can attend it, but if the teacher has put "nb" in the journal, he must complete it in the general order.

Use of mobile devices :

Mobile devices may be used by students with the permission of the teacher if they are

needed for the task.

Behavior in the audience:

The behavior of applicants and teachers in the classrooms should be working and calm, strictly comply with the rules established by the Regulations on academic integrity and ethics of academic relations at the Odessa National Medical University , in accordance with the Code of Academic Ethics and University Community Relations of the Odessa National Medical University , Regulations on Prevention and detection of academic plagiarism in the research and educational work of higher education applicants, scientists and teachers of Odesa National Medical University .