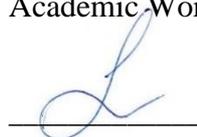


MINISTRY OF HEALTH OF UKRAINE
NATIONAL PIROGOV MEMORIAL MEDICAL UNIVERSITY, VINNYTSYA
Department of **ENT diseases**

"APPROVE"

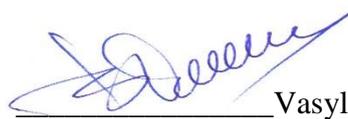
Higher Educational Institution
Vice-Rector for Scientific and
Academic Work and International Links

 Inna ANDRUSHKO

“ 30 ” 08 2024 year

"AGREED"

Head of ENT department MD, prof. of HEI

 Vasyl KISHCHUK

“ 28 ” 08 2024 year

SYLLABUS
of academic discipline

“ENT”

Specialty	222 Medicine
Educational level	the second (master`s) level
Educational programme	EPPMedicine
Academic year	2024-2025
Department	ENT
Lecturer (if lectures are given)	prof. Kishchuk V.V.
Contact information	<i>ENT Department, lor@vnmu.edu.ua, National Pirogov Memorial Medical University, Vinnytsya, Pirogov`s st, 56, (0432)570379</i>
Syllabus compiler	Ass-prof. Dmitrenko I.V.

1. Status and structure of the discipline

Discipline status	Compulsory
Discipline code in EPP/discipline place in EPP	CC 36, discipline of general training
Course / semester	<i>4th year (VII-VIII semesters)</i>
The amount of discipline (the total number of hours / number of credits ECTS)	90 hours / 3 credits ECTS
Number of content modules	4 modules
The structure of the discipline	Lectures – 6 hours Practical classes 32 hours Independent work 52 hours
Language of study	English
Form of study	Full-time (<i>or remote full-time by order</i>)

2. Description of the discipline

Short annotation of the course, relevance.

The program of the discipline "Otorhinolaryngology" is made in accordance with the order of preparing of applicants for the second (master) level of education in higher medical educational institutions of Ukraine in accordance with the requirements of the credit transfer system of the ECTS educational process. The main focus of the program is to improve the acquired knowledge of anatomy, physiology of the ear, upper respiratory tract and adjacent areas, as well as knowledge of methods of examination, diagnosis and treatment of ENT diseases. The subject area of the program is clinical otorhinolaryngology, the program focuses on obtaining fundamental knowledge about aspects of clinical anatomy and physiology of ENT organs, methods of diagnosis and treatment of ENT diseases, the principles of their prevention. This program is part of the educational program for the preparation of masters of medicine, and is designed for 3 credits, which students learn during the VII or VIII semesters (according to the current schedule) in the fourth year of study.

Prerequisites. To successfully master the discipline the student needs knowledge gained in the study of the following disciplines of general training: medical and biological physics, human anatomy, microbiology, virology and immunology, surgery, pathomorphology, pathophysiology, radiology, neurology, ophthalmology, phthisiology, infectious diseases, infectious diseases occupational diseases, oncology.

The purpose of the course and its significance for professional activities. "Otorhinolaryngology" is the mastery of methods of diagnosis, treatment and prevention of ENT diseases, especially the most common. To achieve this educational goal the student must know: clinical anatomy and physiology of ENT organs and modern methods of their study: etiology, pathogenesis, clinic, methods of treatment and prevention of diseases of the nose, sinuses, pharynx, larynx, outer, middle and inner ear, and also the complications caused by them.

Postrequisites. In the process of studying the discipline, knowledge is acquired necessary for successful mastering of disciplines of professional training, namely: pharmacology, general hygiene, epidemiology, pathological physiology, pathological anatomy, clinical immunology, immunopathology and allergology, infectious diseases, including pediatric infectious diseases, oncology internal medicine, surgery, pediatrics and other clinical disciplines, which involves the integration of teaching with these disciplines and the application of acquired knowledge, skills and abilities in the process of further education and professional activities. The foundations of a healthy lifestyle and prevention of upper respiratory tract and ear dysfunction in the process of life are laid.

3. Learning outcomes.

After successful study of the discipline the applicant will be able to:

PRE 1. Be able to analyze information, to make substantiated decisions, be able to acquire modern knowledge. Establish appropriate ties to achieve goals. Be responsible for timely acquisition of modern knowledge.

PRE 2. Have specialized conceptual knowledge gained in the learning process. Be able to solve complex tasks and problems that arise in professional activity. The ability to effectively form a communication strategy in professional activity; Understanding and unambiguous addition of their own conclusions, knowledge and explanations that are substantiated to specialists and non-specialists. Be responsible for making decisions in difficult

PRE 3. To have a thorough knowledge of the structure of professional activity. Be able to carry out professional activity requiring renewal and knowledge integration. Be responsible for professional development, the ability to further professional training with a high level of autonomy.

PRE 4. Know types and methods of adaptation, principles of action in a new situation. Be able to use self-regulation remedies, be able to adapt to new situations (circumstances) of life and activity. Establish appropriate ties to achieve the result. To be responsible for timely use of self-regulation methods.

PRE 5. Know tactics and strategies for communication, laws and methods of communicative behavior. Be able to make a reasonable solution, choose methods and strategies for communicating to ensure effective teamwork. Be able to make a reasonable solution, choose methods and strategies for communicating to ensure effective teamwork. Organize the work of medical staff in a team, division, institution. Be held responsible for choosing and tactics of communication.

PRE 6. Have sufficient knowledge of the state language and basic knowledge of a foreign language. Be able to apply knowledge of the state language, both verbally and in writing, be able to communicate in a foreign language. To use in professional and business communication and in the preparation of documents public language. To use a foreign language in professional activity. Be responsible for the free possession of the state language, for the development of professional knowledge.

PRE 11. Collect data on patient complaints, anamnesis of illness, anamnesis of life, conduct physical examination of the patient using standard research algorithms based on knowledge of man, its bodies and systems, in conditions of health care institution or beyond.

PRE 12. Estimate information on the diagnosis using a standard procedure based on the results of laboratory and instrumental research (according to the list 4).

PRE 13. To isolate the leading clinical symptom or syndrome (according to the list 1) by making a substantiated solution. To establish the most probable or syndrome diagnosis of the disease (by list 2). Assign a laboratory and / or instrumental examination of the patient (according to the list 4) by making a well-grounded solution, with the help of matching with standards. To carry out differential diagnosis of diseases (according to a list 2) by making a well-grounded solution, according to a certain algorithm using the most likely or syndrome diagnosis, the patient's laboratory and instrumental examination. Establish a preliminary clinical diagnosis (by list 2) by making a reasonable solution and logical analysis.

PRE 14. To determine the necessary mode of labor and recreation in the treatment of the disease (according to the list 2) in the conditions of the health care institution, beyond its limits and at the stages of medical evacuation on the basis of a preliminary clinical diagnosis.

PRE 15. Determine the necessary medical nutrition in the treatment (according to the list 2) in the health care institution, beyond its limits and at the stages of medical evacuation, including, in field conditions, on the basis of a preliminary clinical diagnosis by taking a reasonable solution on the existing decisions algorithms and standard schemes.

PRE 16. To determine the principles and nature of treatment (conservative, operational) disease (according to the list 2) in the conditions of health care institution, beyond its limits and at the stages of medical evacuation incl. In field conditions, based on a preliminary clinical diagnosis, by making a reasonable solution according to existing algorithms and standard schemes.

PRE 17. Set the diagnosis of urgent state (according to a list 3) by making a substantiated decision and assessment of a person's condition, in all circumstances (health care institutions and beyond) incl. In the conditions of emergency, in field conditions, in conditions of shortage of information and limited time, using standard methods of physical examination and possible anamnesis, knowledge of man, its bodies and systems, adhering to the relevant ethical and legal norms.

PRE 18. To determine the tactics of granting emergency and urgent medical care on the basis of an urgent state diagnosis (according to a list 3) in a limited time with the help of standard schemes.

PRE 19. Provide emergency and urgent medical assistance by taking a well-grounded solution based on the diagnosis of an urgent state (by list 3).

PRE 20. Organize medical and evacuation measures among the population and servicemen, in emergency situations, including in the field, during the detailed stages of medical evacuation, taking into account the existing system of medical and evacuation support.

PRE 21. Perform medical manipulations (according to list 5) on the basis of a previous clinical diagnosis and / or indicators of the patient's condition by making an informed decision and using standard techniques.

PRE 23. To form, in the conditions of a health care institution, its subdivision on production, using the generalized procedure of an assessment of a state of human health, among the fixed contingent of the population dispensary groups of patients; groups of healthy people subject to dispensary supervision. Implement a system of anti-epidemic and preventive measures within the primary health care. Implement a system of primary prevention measures within the primary health care. Organize secondary and tertiary prevention measures among the assigned contingent of the population, using a generalized procedure for assessing human health (screening, preventive medical examination, seeking medical care).

PRE 25. To determine the tactics of examination and secondary prevention of patients subject to dispensary supervision; tactics of examination and primary prevention of healthy persons subject to dispensary supervision; calculate and prescribe the necessary food for children in the first year of life.

PRE 26. To determine the presence and degree of limitations of life, type, degree and duration of disability with the issuance of relevant documents in a health care institution on the basis of data on the disease and its course, features of human activity. based on regulatory documents, using standard technology. Prepare reports on personal production activities, using official accounting documents in the standard form.

4. Content and logistic of the discipline

Module ENT	7,8 semester 90 hours /3 credits	Practical classes №№ 1-16 Topics for self- study №№ 1-10
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The course includes 17 topics.

Topic 1. Method of investigation of the ENT-organs.

Topic 2. Clinical anatomy, physiology, methods of investigations of outer and middle ear.

Topic 3. Clinical anatomy, physiology, methods of investigation of the Sound analisator.

Topic 4. Clinical anatomy, physiology, methods of investigation of vestibular system.

Topic 5. Clinical anatomy, physiology and methods of investigation of nose and paranasal sinus.

Topic 6. Clinical anatomy, physiology, methods of investigation of pharynx, esophagus, larynx, trachea and bronchus.

Topic 7. Credit 1. Module 1 (Part 1). Clinical anatomy, physiology, methods of investigation of ENT-organs.

Topic 8. Credit 1. Module 1 (Part 2). Methods of investigations of ENT-organs.

Topic 9. Acute external and middle otitis, mastoiditis. Chronic purulent middle otitis. Tuberculosis middle ears. Otomycosis. Labirhyntitis.

Topic 10. NonInflammatory inner ear deseases. Sensoneural deafness. Otosclerosis. Menier's disease. Acute and chronic catarrh of middle ear. Otogenic intracranial complication.

Topic 11. Acute pharyngitis. Acute tonsillitis. Quinsy (paratonsillar abscess). Retropharyngeal abscess. Lateropharyngeal abscess. Diphtheria of pharyngis. Foreing bodies of pharyngis and gullet. Chronic pharyngitis. Chronic tonsillitis. Hypertrophy of palatine tonsills and nasopharyngeal tonsil (adenoids). Pharyngoleptotricosis. Candidamycosis. Actinomycosis

Topic 12. Acute and chronic rhinitis. Diphtheria of nose. Nasal bleeding. Foreign bodies of the nasal cavity. Acute and chronic inflammation of the paranasal sinuses. Orbital and intracranial complications of the sinusitis

Topic 13. Acute catarrhal laryngitis. Subchordal Laryngitis. Diphtheria of laryngis. Laryngotracheobronchitis obturans. Chronic laryngitis. Urgent help for patient with laryngeal stenosis. Foreign bodies of laryngis, trachea and bronchi.

Topic 14. Traumas of the ENT-organs. Foreign bodies of ENT-organs. Tumors of the upper airways. Infectious granulomas of the airways (Rhinoscleroma, tuberculosis, syphilis).

Topic 15. Clinical case discussion.

Topic 16. Credit (Module) (part 3).

Types of education according to the curriculum are: a) lectures, b) practical classes, c) independent work of students, d) consultations. The lecture course discovers the problematic issues of the relevant sections of ENT.

-Perform written tasks (test control to determine the initial level of knowledge, test control and situational tasks for the final control of students' knowledge, viewing educational thematic videos), (use of diagrams, tables, slides, models, computer presentations);

- Practical skills (tools for endoscopic examination of ENT organs: frontal reflector and frontal illuminator, nasal mirrors, spatulas, rhinoscopy mirror, laryngeal mirrors, ear speculum);

- Supervision of patients with various occupational pathologies (and in their absence in the clinic - analysis of clinical situational tasks or archival case histories): collection of general and professional history, physical examination;

- Justification of the previous diagnosis;

-Drawing up a plan for additional examination of the patient and interpretation of data of laboratory and auxiliary research methods;

- Carrying out a differential diagnosis and substantiation of a clinical diagnosis; - Drawing up a scheme of rational treatment;

- Solving the issues of examination of working capacity and prevention of occupational diseases. During their studies, students write and defend their medical history (only for clinical departments).

Assimilation of the topic is controlled in practical classes in accordance with specific objectives, assimilation of content modules - in practical final classes. The following tools are used to diagnose the level of preparation of students: tests, solving situational problems, filling out workbooks, evaluation of data on sanitary and hygienic characteristics of working conditions. Interpretation of laboratory tests and interpretation and evaluation of their results, analysis and evaluation of the results of instrumental studies and parameters that characterize the functions of the human body, its systems and organs; control of practical skills. Thematic plans of lectures, calendar plans of practical classes, thematic plan of independent extracurricular work, volume and directions of individual work are published on the site of the department.

5. Forms and methods of monitoring academic performance

Current control in practical studies	Methods: written or oral answers (control questions, solving situational problems, curation of thematic patients, interpretation of laboratory and special research data), which characterize the functional condition of the upper respiratory tract and ear, practical skills, computer test results, etc.
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Control of independent work of the student	Methods: oral or written answers during the current control of the discipline, evaluation of prepared informative messages and presentations.
Control of mastering the thematic section of the discipline at intermediate control classes	Methods: oral or written questioning, electronic testing, solving situational problems, control of practical skills
Final semester control (credit) at the end of 7 and 8 semesters	According to the regulation of the academic process in National Pirogov Memorial Medical University, Vinnytsya (link https://www.vnmu.edu.ua/General-information)
Final control of the discipline – ENT (Differentiated credit)	Methods: pre-examination testing, oral questioning (according to the regulation of the academic process in National Pirogov Memorial Medical University, Vinnytsya (link https://www.vnmu.edu.ua/General-information))
Learning success diagnostic tools	Theoretical questions, tests, clinically-oriented situational tasks, practical tasks, practical skills demonstration

6. Assessment criteria

Knowledge assessment is carried out in accordance with the Regulations of the Academic process in National Pirogov Memorial Medical University, Vinnytsya (link <https://www.vnmu.edu.ua/General-information>)

Continuous assessment	On a four-point system of traditional assessments: 5 «excellent», 4 «good», 3 «satisfactory», 2 «unsatisfactory»
Midpoint separation assessment	On a four-point system of traditional assessments
Control of practical skills	According to the four-point system of traditional assessments
Pass-fail differentiated credit	On a 200-point scale (the arithmetic average grade for the semester is converted into points) Credited: 120 to 200 points Not credited: less than 120 points (See Grading Scale)
Final control of the discipline	Score for differentiated credit: 71-80 points - "excellent" 61-70 points - "good" 50-60 points - "satisfactory" Less than 50 points - "unsatisfactory" / did not pass
Discipline assessments:	Current academic assessment - from 72 to 120 points (conversion of the average traditional assessment of practical class on a 120-point scale): 60% of the grade for the discipline Final control - from 50 to 80 points: 40% of the grade for the discipline Individual work - from 1 to 12 points From 122 to 200 points in total.

Discipline Score Scale: National and ECTS

The sum of grades for all types of educational activities	ScoreECTS	Score on a national scale	
		For differentiated credit, course project (work), practice	for credit test
180-200	A	excellent	credited
170-179,99	B	good	
160-169,99	C		
141-159,99	D	satisfactory	
122-140,99	E	satisfactory	-
60-121,99	FX	-	credited
0-59,9	F	unsatisfactory with the possibility of reassembly	is not credited with the possibility of reassembling

Criteria for student knowledge assessment

Assessment of oral / written response during the current assessment

The grade "excellent" is given to a student who has deeply and comprehensively mastered the theoretical material, competently and logically teaches it. He is fluent in Latin terminology, clearly answers non-standard questions on the topic of the lesson, is able to link the material of the topic with previously studied sections, which indicates knowledge of the recommended literature and the ability to analyze the material studied, and clearly demonstrates the importance of theoretical knowledge for practice medicine.

The grade "good" is given to a student who knows and has a good theoretical material, teaches it correctly, does not allow inaccuracies in the answer, is able to reveal the topic from the standpoint of its medical significance and practical application, but the answers do not go beyond the textbook, guidelines.

A grade of "satisfactory" is given to a student who knows the basic concepts and definitions of the studied topic, but admits significant inaccuracies or has difficulty in formulating the answer, does not understand the medical aspects of the topic, can not relate theoretical material to practice.

The grade "satisfactory" is given to a student who knows the basic concepts and definitions of the studied topic, but admits significant inaccuracies or has difficulty in formulating the answer, does not understand the medical aspects of the topic, can not relate theoretical material to practice.

The grade "unsatisfactory" is given to a student who does not know the theoretical foundations of the topic, makes gross mistakes in answering, does not understand the basic concepts and definitions, can not explain the importance of theoretical material for practical medicine.

Assessment of practical skills during the current assessment

The grade "excellent" is given to a student who knows the course and sequence of independent practical work to perform a practical task, finds the best options for setting up a ENT experiment, demonstrates the correct implementation of the necessary practical skills, and correctly formulates generalizations and conclusions, draws up a protocol.

A grade of "good" is given to a student who admits inaccuracies in the performance of ENT practice, but is able to identify errors and can demonstrate the implementation of practical skills in general, carefully draws up research results in the protocol of the practical lesson.

Assessment of "satisfactory" is given to a student who knows the basics of the practical task, but has difficulty at performing ENT practice, can not demonstrate the correct sequence of practical skills, can not fully interpret the results of research, sloppy protocol.

The grade "unsatisfactory" is given to a student who cannot demonstrate the performance of practical skills, experiences significant difficulties in performing ENT practice, violates the procedure for performing practical work, does not register the progress of work in the protocol.

Evaluation of testing during the current assessment

The grade "excellent" is given to the student who at carrying out test control is allowed no more than 10% of incorrect answers (volume of correct answers 90-100%). Provides correct answers to all test questions when solving clinically-oriented test tasks.

A grade of "good" is given to a student who makes no more than 20% of mistakes during the test. (volume of correct answers 80-89%). Provides correct answers to most test questions when solving clinical-oriented test tasks.

The grade "satisfactory" is given to a student who makes mistakes in no more than 40% of test tasks (the amount of correct answers is 60.5-79%). When solving clinically-oriented test tasks, it provides the correct answers to only some questions to the test.

A grade of "unsatisfactory" is given to a student who correctly solves less than 60% of the test tasks in a test survey. When solving clinical-oriented test tasks, he cannot provide the correct answers to the test questions.

Assessment of intermediate control (credit)

Intermediate control is credited if the student has mastered a certain section of the discipline in full, as evidenced by the current assessment of each practical lesson, and attended a lecture course. To assess the intermediate control, the calculation of the arithmetic average mark of the traditional assessment for the semester is performed.

Assessment of the oral answer during the final control (Differentiated credit)

The grade "excellent" is given to the student competently and in a logical sequence provides answers to the questions of the differentiated credit ticket. During the answer demonstrates the ability to analyze theoretical material, makes thorough conclusions about the importance of theoretical material for practical medicine, provides clear correct answers to additional non-standard questions, can explain how laboratory diagnosis and prevention of certain diseases, knows the principles of treatment and epidemiology.

The grade "good" is given to a student who has a good knowledge of theoretical material and in a logical sequence provides answers to the questions of the examination ticket, but admits minor inaccuracies, which are quickly corrected when answering clarifying questions of the examiner. When answering questions on special ENT can explain how laboratory diagnosis and prevention of a certain ENT disease, knows the principles of its treatment and features of diagnostic, epidemiology.

A grade of "satisfactory" is given to a student who demonstrates knowledge of basic concepts and definitions when answering an differentiated credit ticket, admits significant inaccuracies or has difficulties in answering questions on special microbiology, cannot sufficiently disclose the principles of laboratory diagnosis, prevention and treatment of diseases, caused by a certain pathogen, allows inaccuracies in answering the specific questions of the examiner.

The grade "unsatisfactory" is given to a student who does not know the answer to one of the questions of the differentiated credit ticket, makes serious mistakes when answering questions on special ENT, can not explain the basic concepts and definitions, does not know the principles of laboratory

diagnosis, prevention and treatment of ENT diseases, does not know the answers to additional clarifying questions of the examiner.

The calculation of individual points is carried out on the basis of the Regulation of the Academic process in National Pirogov Memorial Medical University, Vinnytsya ([linkhttps://www.vnmu.edu.ua/en/general-regulations](https://www.vnmu.edu.ua/en/general-regulations)).

- 12 points, which are added to the mark of the discipline - are added for prizes at interuniversity competitions in the discipline and interuniversity and international (foreign) scientific conferences with the presence of a printed work.
- 11-10 points - are added for prizes at intra-university competitions and scientific conferences with the presence of a printed work.
- 10 points - are given to the mark of the discipline for participation (if a student took part, but did not receive a prize) in interuniversity competitions in the discipline and interuniversity and international (foreign) scientific conferences with the presence of a printed work.
- 8 points - are added to the mark of the discipline for participation (if a student took part, but did not receive a prize) in intra-university competitions, scientific conferences of the institution with the presence of a printed work.
- 6 points - are added to the mark of the discipline for the manufacture of preparations, schemes, tables of multimedia software and videos at the departments - taking into account the importance of the work performed.

7. Policy of discipline / course

The student has the right to receive quality educational services, access to modern scientific and educational information, qualified counseling during the study of the discipline and the acquisition of practical skills. The policy of the course is carried out according to the Law "On Higher Education" from 01.07.2014 № 1556-VII ;, the Charter of National Pirogov Memorial Medical University, Vinnytsya, Rules of Procedure of National Pirogov Memorial Medical University, Vinnytsya, Regulations on the organization of the educational process in National Pirogov Memorial Medical University, Vinnytsya, Code of Academic Integrity, Security Regulations on the procedure for training and testing of knowledge, Order of National Pirogov Memorial Medical University, Vinnytsya from 25.08.2020 №90 "On the organization of the educational process in the autumn-winter semester of 2020-2021 academic year by the combined (classroom-distance) form of education in the conditions of adaptive quarantine, in connection with the spread of covid-19" paragraph 1.

Adherence to the rules of National Pirogov Memorial Medical University, Vinnytsya, safety techniques in practical classes

Observance of the rules of the National Pirogov Memorial Medical University, Vinnytsya regulations, safety precautions at practical classes. Instruction on biosafety, safety of handling chemical reagents and burners is conducted at the first practical lesson by the teacher. The instructed students are registered in the Safety Instruction Journal. A student who has not been instructed is not allowed to perform practical work.

Requirements for preparation for practical classes

The student should be prepared for a practical lesson, testing tasks for the current topic should be solved in a workbook, diagrams and tables are filled.

A student should come to class on time, without delay. A student who is more than 10 minutes late is not allowed to the practical class and must work it in the prescribed manner.

In practical classes, the student must be dressed in a work uniform (medical gown, hat). Students who do not have a work uniform are not allowed to practice.

The student must follow the rules of safety in practical rooms and at the department.

When discussing theoretical issues, students should demonstrate tolerance, courtesy and respect for their colleagues and the teacher; when performing practical tasks, the workplace should be kept in order and be cleaned after performing practical work.

Usage of mobile phones and other electronic devices

The use of mobile phones and other electronic devices in the classroom is allowed only during electronic testing or surveys.

Academic integrity. When studying the discipline, the student must be guided by the Code of Academic Integrity and Corporate Ethics of National Pirogov Memorial Medical University, Vinnytsya (link:https://www.vnmu.edu.ua/General_information/ Code of Academic Integrity). In case of violation of the norms of academic integrity during the current and final controls student receives a grade of "2" and must work it out to his teacher in the prescribed manner within two weeks after receiving an unsatisfactory assessment).

Missed classes. Missed classes are working out in the manner prescribed by Regulations of the Academic process in National Pirogov Memorial Medical University, Vinnytsya (link:https://www.vnmu.edu.ua/General_information/) at the time of work out schedule (published on the website of the department [https://www.vnmu.edu.ua/ Department of ENT](https://www.vnmu.edu.ua/Department_of_ENT/)) to the teacher on duty. To work out missed lesson student must provide a completed workbook protocol on the relevant topic, take a test and answer questions in writing or orally to the topic of the lesson. The reworking of missed lectures is carried out after providing a thesis of lecture material, or writing an abstract, or preparing own presentation on the topic of missed lecture.

The procedure for admission to the discipline final control is given in the Regulation of the Academic process in National Pirogov Memorial Medical University, Vinnytsya (link:https://www.vnmu.edu.ua/General_information/). Students who do not have missed practical classes and lectures and received an average traditional grade of at least "3" are allowed to final control.

Additional points. Individual points in the discipline that student can receive for individual work, is determined by the results of his individual work according to Regulation of the Academic process in National Pirogov Memorial Medical University, Vinnytsya (link:https://www.vnmu.edu.ua/General_information/) and policy of the course.

Conflict resolution. In case of misunderstandings and complaints to the teacher because of the quality of educational services, knowledge assessment and other conflict situations, student should submit his / her claims to the teacher. If the issue is not resolved, the student has a right to apply to the head of the department according to Complaints Consideration Procedure ([https://www.vnmu.edu.ua/ General information / Basic documents](https://www.vnmu.edu.ua/General_information/Basic_documents/)).

Politics in terms of remote learning. Distance learning regulated by the Regulations of the elements of remote learning in National Pirogov Memorial Medical University, Vinnytsya ([https://www.vnmu.edu.ua/ General information](https://www.vnmu.edu.ua/General_information/)). The main training platforms for studying are Microsoft Team and Google Meets. Practical classes and lectures, exercises and consultations during distance learning is published on the website of the department ([https://www.vnmu.edu.ua/ Department of ENT / Student](https://www.vnmu.edu.ua/Department_of_ENT/Student/) or [https://www.vnmu.edu.ua/Department of ENT/ News](https://www.vnmu.edu.ua/Department_of_ENT/News/)).

Feedback from teachers is via messengers (Viber, Telegram, WhatsApp) or e-mail (at the teacher's choice) during working hours.

Educational resources

Educational and methodological support of the discipline is published on the website of the department ([https://www.vnmu.edu.ua/Department of ENT/To students](https://www.vnmu.edu.ua/Department%20of%20ENT/To%20students)). Consultations are held twice a week according to the schedule.

List of educational and methodical literature

Basic:

1. Otorhinolaryngology: a textbook / D.I. Заболотный, Ю.В. Mitin, S.B. Bezshapochny, Yu.V. Deeva. - К.: ВСВ «Медицина», 2010. - 472 с.
2. Mitin Yu. V. Otorhinolaryngology (lectures). - К.: Фарм Арт, 2000. - 185 с.
3. Otorhinolaryngology: a textbook / D.I. Zabolotny, Yu.V. Mitin, S.B. Bezshapochny, Yu.V. Deeva. - К.: ВСВ «Медицина», 2011. - 496 с.
4. Laiko AA, Zabolotny DI, Sinyachenko VV Volume and methods of examination of the objective status of children and ENT pathology / К.: Logos, 2000.- 140 p.- ISBN 966-581-143-6
5. Otolaryngology of children's age / Kmita, Stanislav / Stanislav Kmita.- М.: Polish State Medical Publishing House, 1996.- 296 p.
6. Tymoshenko PA (ed.) Otorhinolaryngology / Textbook. Manual: P.A. Тимошенко, В.С. Куницкий, А.Ч. Буцель, О.Г. Хоров, И.Д. Shlag. - Minsk: Higher School, 2014. - 432 p.
7. Children's rhinology. Teaching method manual / ed. F. Yurochko, A. Kosakovsky, V. Shkorbotun. - Lviv: MS, 2020. - 288 pp., Ill.
8. Bhattacharyya Abir, Patel Nitesh (eds.) Pocket Tutor Otolaryngology / JP Medical, 2012.- 267 p.- ISBN: 9781907816116.
9. Blitzler Andrew (Ed.) Oxford American Handbook of Otolaryngology / Oxford University Press, 2008.- 461 p.- ISBN 978-0-19-534337-3.
10. Bull Tony R., Almeyda John (eds.) Color Atlas of ENT Diagnosis / 5th edition.- Thieme, 2010.- 296 p.
11. Das Jayita. Trauma in Otolaryngology / Springer, 2017.- 190 p.- ISBN 10 9811063605, 13 978-9811063602.

Auxiliary:

1. Clinical otorhinolaryngology: A guide for doctors / V.I. Babiyak, Ya.A. Nakatis. - SPb.: Hippocrates, 2005. - 800 p.
2. Otorhinolaryngology: a textbook / V.T. Palchun, M.M. Магомедов, Л.А. Luchikhin - 2nd ed., Edited by and ext. - М.: ГЭОТАР-Медиа, 2011. - 656 с.
3. Otorhinolaryngology. National leadership / Ed. VT Palchun. - GEOTAR-Media, 2008. - 960 p.
4. Shkorbotun VO In the book "Functional endoscopic rhinosinus surgery". Edited by Acad. P.I. Swampy. "Course of lectures" Kyiv 2012 - 243 p
5. Laiko AA, Zabolotna DD, Sinyachenko VV, Gavrilenko Yu. V. The scope and methods of examination of the objective status of children with ENT pathology. Teaching method manual. - К.: Логос, 2018. - 170 с.
6. Etiology, pathogenesis, clinic and treatment of diseases of the wedge-shaped sinus / DI Zabolotny, AA Laiko, OM Naumenko, OM Goncharuk, DD Zabolotna, AV Tkalina, Yu. Gavrilenko, LA Shukh, NO Yurevich, IR Tsvirinko, ER Ismagilov // - К.: Logos, 2018 - 162 p. (NMP)
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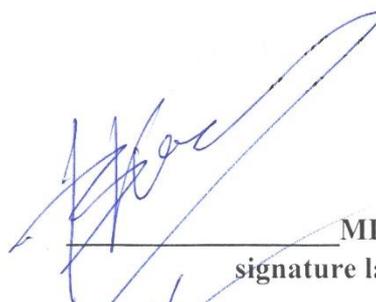
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National Pirogov Memorial Medical University, Vinnytsya Protocol №1 dated 28.08.2024

Head of the department



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The teacher is responsible
for the discipline



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