

# SYLLABUS

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INTERNATIONAL EUROPEAN  
UNIVERSITY



**SCHOOL OF  
MEDICINE**

Otorhinolaryngology

**2021**



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Discipline 

 Otorhinolaryngology

Lecturer 



Lecturer's profile 



Consultations:

On-campus  fourth Tuesday of the month from 3 p.m. till 4 p.m.

Online consultations  second Friday of the month from 3 p.m. till 4 p.m.

Contact number 



E-mail 



Discipline page 



Form of final control	final test	grading test	exam
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## 1 Brief discipline annotation

Otorhinolaryngology is a clinical discipline exploring anatomy, physiology and pathology of the ear, upper respiratory tract and adjoining areas. Importance and necessity of their teaching at the final stage of doctor's training is caused by the fact that upper respiratory tract diseases are at the first place among human illnesses and account for approximately 15% of all appeals to medical institutions.

Besides, prompt treatment of ENT diseases can prevent various pathologies of internal organs, allows avoiding such serious chronic diseases as rheumatism, polyarthritis, pyelonephritis, cholecystitis, vessel pathologies, nervous system, visual organ, as well as allows preserving workability and longevity.

## 2 Background for studying discipline

The Otorhinolaryngology academic discipline is based on acquired knowledge in the following disciplines: anatomy, physiology, histology, pathomorphology, pathological physiology, dentistry, neurology, general surgery, ophthalmology, infectious diseases, oncology.

## 3 Goal and objectives of the discipline

**The goal** of learning otorhinolaryngology is to explore methods of diagnostics, treatment and prevention of ear, nose, throat and paranasal sinuses diseases, and primarily the most common ones of them.

To achieve this educational goal, students should know: clinical anatomy and physiology of ENT organs and contemporary methods of their examination; etiology, pathogenesis, clinical findings, treatment methods and preventive measures for diseases of nose, paranasal sinuses, throat, external, middle and inner ear, as well as complications caused by them.

**Objectives of the discipline:** follow-up of patients, solution of case problems, carry out of test, computer and non-machine control while assessing the initial, current and final level of knowledge.

## 4 Learning outcomes

**Learning the discipline, students should:**

**Be able to:**

- assess the results of ENT-organs examination;
- detect the most common ENT diseases and their complications;
- prescribe treatment of these diseases.

**Know:**

- typical endoscopic methods of ENT-organs examination;
- crucial practical skills;
- methods of providing urgent aid to patients with injuries, foreign bodies, ENT bleeding and upper respiratory tract stenosis.

## 5 ECTS credits

3 credits / 90 academic hours



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## Discipline structure

Topic	Amount of hours		
	Lectures	Practical training	Individual work
1. Definition of the initial level of knowledge. Methods and techniques of endoscopic examination of ENT organs. Clinical anatomy and acoustic analyzer physiology. Methods of acoustic analyzer examination.	2	4	2
2. Ear diseases: cerumen impaction, external otitis (external auditory canal furunculus, diffuse otitis externa), acute suppurative otitis media, mastoiditis.	2	4	6
3. Ear diseases: chronic suppurative inflammation of the middle ear (mesotympanitis, attic disease), labyrinthitis. Sanitizing ear surgeries, tympanoplasty. Otogenic intracranial complications and otogenic sepsis. Non-suppurative ear diseases: middle ear catarrh, sensorineural hearing loss, otosclerosis, Meniere's disease.	2	4	6
4. Clinical anatomy, physiology and methods of throat, larynx, trachea, bronchi and esophagus. Influenza A virus (H1N1).		4	3
5. Larynx, trachea and bronchi diseases. Acute laryngitis. Foreign bodies in larynx, trachea and bronchi. Methods of diagnostics and treatment.		4	4
6. Clinical anatomy, physiology and examination methods of nose, paranasal sinuses, throat, larynx, trachea, bronchi and esophagus. Nose diseases: deflection of nasal septum, nasal furuncle, acute and chronic rhinitis.	2	4	8
7. Paranasal sinuses diseases: acute and chronic sinusitis, orbital and intracranial complications of rhinogenous origin. Follow-up of patients.		4	3
8. Throat diseases: acute and chronic pharyngitis, leptotrichosis, tonsillitis classification, primary and secondary angina, retropharyngeal abscess, throat diphtheria. Throat diseases: chronic tonsillitis, hypertrophy of palatine and pharyngeal tonsils. Children's acute laryngotracheitis, larynx diphtheria, chronic laryngitis, pre-malignant condition of larynx. Tracheotomy. Conicotomy.	2	4	4



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## 6 Discipline structure

Topic	Amount of hours		
	Lectures	Practical training	Individual work
9. Tumors and infectious granulomas of upper respiratory tract. Injuries, foreign bodies, ENT bleeding. Emergency aid during ENT diseases.		4	4
<b>10. Grading test</b>		4	
<b>Total</b>	10	40	40

## 7 Thematical plan of students' individual work

№	Topic	Amount of hours
1	Impedansometry	2
2	Differential diagnostics of sound-conducting and sound-perceiving apparatus disorders	2
3	Conservative sanitating ear surgeries	4
4	Tympanoplasty	2
5	Glue ear	4
6	External nose deformation. Rhinoplasty	3
7	Functions of lymphoid ring	4
8	Tonsillar (radiosensitive) tumors	2
9	Pre-malignant condition of larynx	3
10	Foreign bodies of bronchi	4
11	Functional diseases of vocal apparatus	4
12	Mycoses of ENT organs	4
13	Support of patients with ENT damage at the evacuation stages	2

## 8 Discipline features

Period of teaching	Semester	International discipline integration	Year of study	Courses: general training/ professional training/ elective
1 semester	VII	available	4th year	General training course



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## Assessment system and requirements

Current student performance is assessed according to the 4-point scale (2; 3; 4; 5) during every practical class given the approved assessment criteria for a corresponding discipline. Students should obtain a grade in each topic for further conversion of grades into scores due to the multi-point (200-point) scale.

Assessment criteria of current learning activities:

Excellent (5) – students answer correctly to 90-100% of A-format tests (from the Krok-2 database); solve case problems and can generalize the material.

Good (4) – students answer correctly to 70-89% of A-format tests; have necessary practical skills and techniques of their performance in the volume exceeding the required minimum.

Satisfactory (3) – students answer correctly to 50-69% of A-format tests; have an obligatory minimum of research methods.

Failure (2) – students answer correctly to 50% of A-format tests, make significant, serious mistakes while answering and showing practical skills.

Students' individual work related to preparations for practical classroom activities is assessed during current control of a topic during a corresponding class.

A semester test is assessed due to the two-point scale (pass/fail) and 200-point scale by defining the arithmetic average of current grades for each practical class due to the 4-point scale and by its further conversion into scores of the 200-point scale. Minimum amount of scores that should be obtained by students: 120.

The final control of knowledge in the Otorhinolaryngology discipline is conducted in the form of grading test. The grading test is conducted in the form of oral questioning according to grading test questions.

<https://ie.u.edu.ua/docs/rate-of-study.pdf>

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## Admission to final control

Students who accomplish all types of works, tasks prescribed by the curriculum for the semester according to the academic discipline, answer during all classes stipulated by the curriculum, prepare a medical report and have the average grade of at least 3 (72 scores according to the 120-point scale) for current learning activities are admitted to the semester final control.

<https://ie.u.edu.ua/docs/rate-of-study.pdf>

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## Discipline policy

The academic discipline policy is defined by the requirements set by the academic and research staff for students learning the Otorhinolaryngology clinical discipline. The condition for a successful educational process is personal compliance of each university student with the rules of conduct adopted both at the higher education institution and in society. Future doctors should have the high level of behavioral culture, act with dignity, be tactful, keep an equal mind and self-control.

Students should attend classes on schedule, wear an academic medical uniform (doctor's gown or surgical overalls). Students should comply with the training timetable and should be prepared for classes. During the class, students are not allowed to leave the classroom without lecturer's permit, use mobile phones and other means of communication, obtain information without lecturer's permit, carry out unrelated activities, distract other students. Students should comply with the academic integrity rules while writing any types of papers.

The lecturer should comply with the syllabus, objectively assess knowledge and skills of students. During the teaching and educational process, the lecturer should keep the anti-corruption measures in mind and should not conduct corruption activities.



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## Policy of absence and late task performance

Students who miss current control for valid reasons confirmed by documents have the right to take current control within two weeks after returning to studying.

Students who have missed classes without valid reasons, have not participated in current control activities, have not liquidated academic failure are not admitted to final semester control of this discipline. In this case, an academic staff member puts a mark 'non-admission' in the exam record.

Repeated taking of the grading exam of the discipline is appointed in case of accomplishing all types of educational, individual work stipulated by the working program of the academic discipline and is carried out according to the approved schedule of academic failure liquidation.

<https://ie.u.edu.ua/docs/050.pdf>

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## Academic integrity policy

Participants of the educational process rely on the academic integrity principles

<https://ie.u.edu.ua/docs/011.pdf>

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## Recommended sources of information

### Basic:

1. Emergency care in otorhinolaryngology: Textbook. way. for honey. University postgraduate. education. Recommended by the Ministry of Health / O.M. Naumenko, VM Vasiliev, Yu.V. Deeva, SB Hatless. - K., 2017. - 144 c., Тв. pal., (art. 20 pr.).
2. Otorhinolaryngology. D.I. Zabolotny, Yu.V. Mitin, S.B. Bezshapochny, Yu.V. Deeva. 2010. - 472 c. + 32 s. color. incl.

### Auxiliary:

1. Probst, R., Grevers, G., & Iro, H. (2005). Basic otorhinolaryngology: a step-bystep learning guide. Thieme.
2. Andre Leblanc. Atlas of hearing and balance organs. Springer - Verlag France, 1999. - 58 p.
3. Atlas of human anatomy by Frank H. Netter, M.D. Sharon Colacino, Ph.D. Consulting Editor. - Summit, New Jersey. - 1992. - 514 p.
4. Charles M. Myer III, Robin T. Cotton. A practical approach to pediatric otolaryngology. - Chicago - London - Boca Raton. Year Book Medical Publishers Inc., 1988. - 247 p.
5. Marshall G. D. Therapeutic options in allergic disease; Antihistamines as systemic antiallergic agents. J. Allergy Clin. Immunol., 2000, 106, p303-3
6. Otorhinolaryngology. Y.Mitin, Y.Deyeva, M.Zavaliy, Y.Gomza, V.Didkovskyi, L.Krynychko, O.Motaylo, Z.Tereshchenko, Y.Shevchuk. Editor by Professor Y.Mitin, Y.Deyeva. Associate Professor Y. Deyeva. Second edition, revised and expanded. Kyiv, AUS Medicine Publishing, 2011.

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## Tips on successful study during the course

If you want to succeed in this discipline, you should:

- attend classes, work hard, be confident, conscious, creative and active;
- communicate with a lecturer regarding all issues of the educational program;
- accomplish tasks according to the program;
- write abstracts on program topics;
- discuss topics and tasks in groups beyond class hours;
- use online resources.

We wish you insistence, goal commitment and motivation to study. And you'll definitely succeed! See you at classes! Don't forget about gowns!