

MINISTRY OF EDUCATION, SCIENCE AND INNOVATION OF THE KYRGYZ
REPUBLIC OSH STATE UNIVERSITY
INTERNATIONAL MEDICAL FACULTY
DEPARTMENT OF OBSTETRICS, GYNECOLOGY AND SURGICAL DISCIPLINES

STUDENT TRAINING PROGRAM
(Syllabus)

Specialty	MEDICINE	Course code	560001
Language	English	Discipline	ENT
Academic year	2025-2026	Total credits	4
Instructor	Kanybekova Zhyldyz	Semester	6 th semester
E-Mail	kanybekovajyldyz@gmail.com	Schedule according to program	https://myedu.oshsu.kg/
Consultation (Time/room)	Mon. 9.00-16.00	Location	Monueva 5 room №407
Form of study (daytime/evening/distance learning)	Day time	Course type	Mandatory

Head of the General Medicine (GM) program
Candidate of Medical Sciences, Associate Professor M. M. Bugubaeva



Osh, 2026

1. Course description: This course introduces 3rd-year medical students to the causes, clinical features, diagnosis, treatment, prevention, and public health importance of major otorhinolaryngology with global and regional relevance.

2. The goals of course in ENT are: to provide student with a basic knowledge related to the subject of ENT. To enable the student to be competent to evaluate the symptoms, analyze the findings, diagnose the malady and suggest and implement the treatment modalities to treat the common ENT conditions.

requisites	Anatomy, pathological anatomy, normal physiology, pathological physiology, microbiology, pharmacology, hygiene, public health, dermatology, propedeutics of internal diseases.
requisites	Internal medicine, pediatrics, evidence-based medicine, family medicine, surgical diseases, epidemiology, oncology.
equisites	Neurology, radiology.

3. Learning outcomes of the discipline

REQUISITES FOR GEP and Formulation	COMPETENCIES GEP	Learning outcomes of the course. The student:
1- able to apply basic knowledge in the field of otologic activity to solve professional problems.	PC-15 is capable and ready to analyze patterns of the functioning of individual organs and systems, utilize knowledge of anatomical and physiological features, primary methods of clino-laboratory examination, and assessment of the functional state of the body in adults and children for timely diagnosis of diseases and pathological processes.	<ul style="list-style-type: none"> - Take detailed history; perform physical and local ENT examination including Indirect Laryngoscopy, Anterior, Posterior rhinoscopy, otoscopy, audiometric assessment and interpretation. - Interpret important imaging and laboratory results. - Diagnose ENT problems based on the analysis of history, physical examination and investigative work up. - Plan and deliver comprehensive treatment for ENT pathologies. - Perform relevant investigative and therapeutic procedures for the ENT patient.
1-Able to apply basic knowledge in the field of arch activities to solve professional problems	PC 31- is capable and willing to analyze and publicly present medical information based on evidence-based medicine;	<ul style="list-style-type: none"> - Demonstrate skills in documentations of case details and of morbidity and mortality data relevant to the assigned situation. -Analyze clinical cases using principles of evidence-based medicine (EBM) and apply current clinical guidelines in decision-making.

4. Technological map of the discipline

Modules	Aud. hours	Lectures		Prac. class		Self-work, self-work lect.		MA	Points
		hours	points	hours	points	hours	points		
1	24	10	4	16	4	30/6	8	9	25
2	24	10	4	12	4	30/6	8	9	25
FE									50
Total 4 cr.	48h	20h	8	28h	8	72h	16	18	100

5. Course Topical Outlines

No week	Topics	Hours	Teaching methods	Assessment tools	Points
1	Clinical anatomy and physiology of the ear. Methods of hearing examination: otoscopy, vestibulometry.	2	D, CBL	MCQ	4
2	Diseases of external ear: acute otitis externa, different types of foreign bodies, ear wax, otomycosis.	2	MD, cluster method	Otoscopic / Ear examination assessment.	4
3	Inflammatory disorders of middle ear ASOM and CSOM.	2	PBL, CBL	Case study analysis examination.	4
4	Clinical anatomy and physiology of the nose and paranasal sinuses. Physiology of olfaction.	2	TBL,	Rhinoscopy assessment.	4
5	Deviated septum. Epistaxis - causes, investigations and management.	2	CBL	MCQ/ Case study analysis examination	4
6	Common diseases of nose and PNS - rhinitis, sinusitis. Nasal polyps.	2	RBL, TBL	Interpretation of imaging (X-ray, CT/MRI)	4
7	Different types of hearing loss: otosclerosis, barotrauma, tympanosclerosis. Tumors of the ear: cholesteatoma.	2	RBL,	Otoscopic / Ear examination assessment	4
8	Cysts and tumors of the nose and paranasal sinuses (Angiofibroma of the nasopharynx, carcinoma nasopharynx, carcinoma PNS).	2	RP	Interpretation of imaging (CT/MRI)	4
	Module 1		18 questions, each correct	MCQ	9

			answer- 0.5 p.		
9	Clinical anatomy, physiology of the pharynx. Sub epithelial lymphoid tissue- Waldeyer's tonsillar ring. Adenoid vegetations.	2	TBL, D	Oropharyngeal examination	4
10	Acute and chronic pharyngitis. Classification. Etiology, pathogenesis, symptoms, diagnostics, differential oropharyngeal diagnosis between hypertrophic, granular, atrophic. Their treatment, complications, prevention.	2	CBL	Case study analysis examination.	4
11	Acute and chronic tonsillitis. Classification. Etiology, pathogenesis, symptoms, diagnostics, treatment, differential diagnosis, complications, prevention.	2	RP, D	Objective Structured Clinical Examination (OSCE)	4
12	Clinical anatomy and physiology of the larynx. Congenital diseases of the larynx: subglottic stenosis, laryngeal hypoplasia, polyp of vocal cord.	2	LV, TBL	Laryngoscopy examination assessment	4
13	Acquired diseases of the larynx: acute laryngitis, acute epiglottitis, edema of larynx.	2	IDM	Interpretation of imaging endoscopic pictures	4
14	Laryngeal carcinoma, benign tumors, hoarseness, stridor and dysphagia, their investigations and treatment.	2	RP, PBL	Case study flashcards	4
	Module II		Each correct answer- 0.5 p.	MCQ	9
	TOTAL	28 h			8+18=26

6. Self-depended work of the students.

№	Topics	Assessment tools (инструменты оценки)	Tasks	hours	points	Litre №	Deadline
1.	Secretory otitis media, otosclerosis, stapedectomy, tympanoplasty.	Otoscopy / Ear examination assessment	Describe the otoscopic findings and make a preliminary diagnosis.	6	4	3,7	
2.	Research methods of the vestibular analyzer.	Vestibular examination	Draw and explain the vestibular analyzer and methods used to assess its function.	6	4	1	2 nd week
3.	Vertigo: Meniere's disease, acoustic neuroma.	Case-study analysis.	Compare Meniere's disease and acoustic neuroma under the following headings:	5	4	1,4	3 rd week

		etiology, symptoms, investigations, management.				
4. Congenital anomalies of the ear.	Case-study analysis.	Short presentation (2 Teams) 1 st team. Classification and management of microtia. 2 nd team. Role of cochlear implantation in congenital inner ear anomalies.	5	4	2,6	4 th week
5. Methods of screening a deaf child and their rehabilitation.	Hand-drawn creative presentation.	Prepare a flowchart showing screening of hearing loss from birth to 5 years and rehabilitation options.	5	4	1,5	5 th week
6. Congenital anomalies of the nose and paranasal sinuses.	Compare diagram.	Identify anomalies: choanal atresia, cleft nose, dermoid cyst.	5	4	1,2.	6 th week
7. Foreign body of nose. Types and management.	Case study analysis examination.	Do differential diagnosis between foreign body of nose and nasal polyps.	5	4	2,6	7 th week
8. Common injuries of the nose and mid facial fractures.	Anterior, posterior rhinoscopy examination	Do differential diagnosis between nasal bone fractures mid-facial fractures.	5	4	2,4, 5	7 th week
Module 1						
9. Mechanism of mucociliary clearance nose and p.n.s.	TBL, Anterior rhinoscopy examination	Identify the nasal septum, inferior and middle turbinates, and nasal passages.	5	4	1,2	8 th week
10. Topographic anatomy of the pharynx, peripharyngeal, oropharyngeal, paratonsillar spaces.	Case study analysis examination.	Anatomical landmark identification of the pharynx, peripharyngeal, retropharyngeal, paratonsillar spaces.	5	4	4,5	8 th week
11. Tonsillectomy. Indications. Contraindications.	Oropharyngeal examination.	Describe the oropharyngeal findings, explain prevention.	5	4	1,2	9 th week
12. Peritonsillar and retropharyngeal abscess.	Oropharyngeal examination.	Draw and explain the peritonsillar and retropharyngeal abscess.	5	4	4,5	9 th week
13. Tumors of the ear.	Case study analysis examination.	Draw and describe the clinical features acoustic neuroma.	5	4	1,2, 4	10 th week
14. Tumors of the nose and paranasal sinuses.	Case study analysis examination.	Interpret the imaging (CT/MRI).	5	4	1,2, 3	11 th week

Total	Module 2	7 2 h	8+8 =16		
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7. Consultation plan independent work of a student. План консультаций СРСП.

#	Тема СРСП	Задание для СРСП	Численные средства	Оценочные средства	Балл	Образовательные ресурсы	Ауд.	Срок сдачи
1	Methods of screening a deaf child and their rehabilitation	Prepare a flowchart showing screening of hearing loss from birth to 5 years and rehabilitation options.	1	Hand-drawn creative presentation.	4	Diseases of Ear, Nose and Throat & Head and Neck Surgery pl Dhingra, ms, dlo, mnams, fimsa https://drive.google.com/file/d/1qdFjMfH0lhEshAAd5sZ4rYLdv1jpljX6/view	I M F	03.02 - 08.02 .26
2	Foreign body of nose. Types and management.	Do differential diagnosis between foreign body of nose and nasal polyps.	2	CBL	4	Diseases of Ear, Nose and Throat & Head and Neck Surgery pl Dhingra, ms, dlo, mnams, fimsa https://drive.google.com/file/d/1qdFjMfH0lhEshAAd5sZ4rYLdv1jpljX6/view https://www.researchgate.net/	I M F 2	24.02 - 01.03 .26
3	Tonsillectomy. Indications. Contraindications	Describe the oropharyngeal findings, explain prevention.	2	Oropharyngeal examination.	4	Diseases of Ear, Nose and Throat & Head and Neck Surgery pl Dhingra, ms, dlo, mnams, fimsa https://drive.google.com/file/d/1qdFjMfH0lhEshAAd5sZ4rYLdv1jpljX6/view	I M F 2	24.03 - 29.03 .26
4	Tumors of the nose and paranasal sinuses.	Interpret the imaging (CT/MRI).	2	Case study analysis examination.	4	https://www.researchgate.net/	I M F 2	14.04 - 19.04 .26

8. Academic achievement rating scale

Grade		Digital equivalent of points	Rating (points)
Assessment according to the traditional system	Letter grading system		
Great	A+	4.0	95-100
	A	3.75	90-94
Very good	B+	3.50	85-89
	B	3.25	80-84
Fine	C+	3.0	75-79
	WITH	2.75	70-74
Satisfactorily	D+	2, 50	65-69
	D	2.0	61-64
Unsatisfactory	FX	1.0	31-60
	F	0	1-30
"Discipline not mastered" (The average grade is not taken into account in the calculations.)		-	0

Scoring Policy

- Timely completion of current assessments, midterm assessments and independent work are assessed according to the assessment criteria.

Failure to submit assignments by the deadline will result in a deduction from the total score for that graded assignment. After the deadline, the assignment will not be accepted. In the event of unforeseen circumstances (illness or other valid reason), upon presentation of supporting documents (medical certificate, official statement) to the course instructor, the assignment may be accepted after the deadline.

- In case of non-compliance with the principles of academic honesty, the marks for the work will be reduced or the work will be cancelled.

Course policy

Attendance

Class attendance is mandatory. Students are expected to arrive on time for all classes, prepare for them by studying the required literature, express their opinions openly, and show respect for the opinions of others.

Academic integrity

Academic honesty and integrity include the obligation not to engage in dishonesty, including copying, plagiarism, passing off someone else's work as one's own, using sources without citation, assisting other students in academic dishonesty, etc. More information on the principles of academic honesty can be found at the following link: <https://www.oshsu.kg/ru/page/9>

Student behavior

The classroom is a safe place to learn, regardless of race/ethnicity, religious beliefs, socioeconomic status, etc. Bullying and harassment are unacceptable. If you notice bullying or harassment, please report it to your instructor. Behavior that disrupts the learning of others, such as talking to others while the instructor is teaching, other students are working on assignments, or using a cell phone for texting, is discouraged.

Problem solving procedure

Any issue that arises during the course should first be discussed with the instructor. If a mutually satisfactory solution cannot be reached, the matter can be discussed with the head of the department.

9. Learning resources

Electronic resources	1. https://youtube.com/shorts/hWOW5kAPGss?si=HW08qb1ROYOBRBv1 2. https://www.enthealth.org/
Electronic textbooks	1. <u>Diseases of the ear nose and throat. PL Dhingra.</u> 2. <u>Basic otorhinolaryngology. Rudolf Probst.</u> 3. <u>Color Atlas of Otoscopy.</u>
Textbooks (library)	4. ENT Essentials David W. Kennedy, Elina Toskala 2019 5. Scott-Brown's Otorhinolaryngology. Head and Neck Surgery 6. Michael J Gleeson, Ray C Clarke 2008