Документ подписан простой электронной подписью

Информация о владельце:

ФИО: Косенок Сергей Михайлович

Должность: ректор

Дата подписания: 10.06.2024 11:45:09

Уникальный программный ключ:

e3a68f3eaa1e62674b54f4998099d3d6bfdcf836

Khan y-Mansiysk Autonomous Okrug-Ugra "Surgut State University"

Approved by

Deputy Rector for Academic Affairs

_____E.V. Konovalova

"13" June 2024, Record No. 5

Otorhinolaryngology

Syllabus

Department Surgical diseases

Curriculum s310501-ЛечДело-24-4.plx

Specialty 31.05.01 General Medicine

Qualification General Practitioner

Form of education Full-time

Total (in credits) 3

Total academic hours 108 Control: Exam, 7th term

including:

Contact 64
Self-study 8
Control hours 36

Course outline in terms

Academic year (Term)	4 (4	4.7)	Total	
Weeks				
Types of classes	Cur	Syl	Cur	Syl
Lectures	16	16	16	16
Practical	Practical 48		48	48
Contact	64	64	64	64
Self-study	8	8	8	8
Control hours	36	36	36	36
Total	108	108	108	108

The Syllabus is compiled by:

PhD in Medical Sciences (Medicine), Associate Professor, Alibekov I.M,.lecturer Dzhalilova A.A.

The Syllabus

Otorhinolaryngology

Developed in accordance with Federal State Educational Standard:

Federal State Educational Standard of higher education in the specialty 31.05.01 General medicine (Order of the Ministry of Education and Science of the Russian Federation on August 12, 2020 No. 988)

Based on the Curriculum:

31.05.01 GENERAL MEDICINE Specialization: General Medicine

Approved by the Academic Council of Surgut State University, "13" june 2024, Record No. 5

The Syllabus was approved by the department

Surgical diseases

Head of Department, Doctor of Medicine, Professor Darvin V.V.

1. COURSE OBJECTIVES

1.1 -formation of scientific knowledge in otorhinolaryngology and mastery of special methods for diagnosing and treating diseases of the ENT organs. A graduate of a medical university, as a result of basic general medical training in otorhinolaryngology, must have developed medical thinking, the ability to determine the patient's main pathological conditions, symptoms, disease syndromes, nosological forms, as well as the ability to determine tactics for managing patients with various nosological forms.

		2. COURSE OVERVIEW
Course	code	Б1.О.04
2.1	Assumed	background:
2.1.1	Adaptive	e and age-related physiology
2.1.2	Normal	physiology
2.1.3	Histolog	y, embryology, cytology
2.1.4	Patholog	gical anatomy
2.2	Post-requ	uisite courses and practice:
2.2.1	Clinical p	pathological anatomy
2.2.2	Neurology, medical genetics, neurosurgery	
2.2.3	Clinical	pathophysiology
2.2.4	Ophthaln	nology
	3.	. 3. COMPETENCES UPON COMPLETION OF THE COURSE (MODULE)

PC-1: ability and readiness to implement a set of measures aimed at preserving and strengthening health and including the formation of a healthy lifestyle, prevention of the occurrence and (or) spread of diseases, their early diagnosis, identification of the causes and conditions of their occurrence and development, and also aimed at eliminating the harmful effects of environmental factors on human health

PC-1.1: Demonstrates knowledge of etiology, pathogenesis, diagnostic criteria (clinical - subjective, physical, laboratory, instrumental), identifies the patient's main pathological conditions, symptoms, disease syndromes and diagnoses nosological forms

in accordance with the International Statistical Classification of Diseases and Related Health Problems, X – XI revisions

- PC-1.2: Conducts differential diagnostics, assesses the prognosis (short-, medium- and long-term) of the course of the disease, identifies acute complications and complications of chronic diseases
 - PC-3: is able to establish a diagnosis, determine the development of complications and take measures for the diagnosis and management of patients.
- PC-3.1: Examines the patient (collects and analyzes the patient's complaints, his medical history, physical data based on the results of the examination, determines the necessary examination plan, evaluates the parameters of laboratory, instrumental, pathological-anatomical and other research methods for the purpose of diagnosing diseases, evaluates the prognosis (briefly -, medium-, long-term) its course and outcomes
- PC-3.2: Formulates a preliminary and clinical diagnosis in accordance with the International Statistical Classification of Diseases and Related Health Problems X XI revisions and current clinical classifications

PC-3.3: Conducts early and differential diagnosis of diseases

- PC-3.4: Carries out routing and management of patients based on current legislation (standards, procedures for providing medical care, Clinical guidelines)
- PC-5: readiness to collect and analyze the patient's complaints, his medical history, examination results, laboratory, instrumental, pathological-anatomical and other studies in order to recognize the condition or establish the presence or absence of the disease

- PC-5.1: Demonstrates knowledge of the mechanisms of action, methods of application of pharmacotherapy, therapeutic nutrition, medical devices and methods of non-drug treatment, palliative and personalized medical care
- PC-5.2: Provides treatment to various categories of patients with diseases on an outpatient basis, in hospitals and high-tech medical care centers (HTMC) with the use of drugs, medical devices and medical nutrition, taking into account the clinical picture, in accordance with current procedures, standards of medical care assistance, clinical recommendations (treatment protocols)
- PC-5.4: Demonstrates knowledge of the side effects of drugs, methods of their administration, knowledge of the duration of their use and evaluates the effectiveness and safety of pharmacotherapy, nutritional therapy and the use of non-drug treatment, nutritional therapy for palliative care

PC-8: ability to determine tactics for managing patients with various nosological forms

PC-8.2: Maintains medical documentation, including in electronic form

By the end of the course students must:

3.1	know:						
	- aetiology, pathogene	sis, diagnosti	c criteria (clinical	- subjective, physical, labor	oratory, instru	ımental); t	the patient's
3.1.1.	main pathological conditions, symptoms, disease syndromes;						
3.1.2	- mechanisms of actio	n, methods of	f application of ph	armacotherapy, medical nu	itrition, medi	cal device	s and method
	of non-drug treatment				,		
3.1.3				n, duration of their use and use of non-drug treatment			
3.2	be able to:						
	- diagnose nosologica	l forms in acc	ordance with the	International Statistical Cla	assification of	f Diseases	and Related
3.2.1	Health Problems, X re						
3.2.2	,		ogical states and p	athological processes in th	e human bod	y to solve	professional
	problems.	71 7		C I		•	•
	F						
3.2.3	- formulate a clinical	diagnosis; de	velop a plan of th	erapeutic (surgical) action	s, taking into	account t	the course of
	the disease and its trea	-					
3.2.4	- carry out differential	diagnostics,	assess the prognos	sis (short-, medium- and lo	ng-term) of t	he course	of the disease
	identify acute complic				,		
3.2.5	-formulate a preliminary and clinical diagnosis in accordance with the International Statistical Classification of Diseases						
	and Related Health Pro	blems, X revis	sions and current cl	inical classifications;			
	4. S ^r	FRUCTURE	AND CONTENT	TS OF THE COURSE (M	IODULE)		
Class	Topics /Class type	Term/Ac.	Academic	Competences	Literature	Inter-	Notes
Code		year	hours	•		active	
1.	The organization of	7	6	PC-1 PC-1.1	L1.1 L1.2		
	otorhinolaryngology			PC-1.2 PC-3	L1.3 L1.4		
	service in the health			PC-3.1 PC-3.2	L2.1 L2.2		
	care system of the			PC-3.3 PC-3.4	L2.3 L3.1		
	Russian Federation			PC-5 PC-5.1 PC	E1 L1.5		
				5.2 PC-5.4 PC-8	L1.6		
				PC-8.2	I.1 7		

Climical anatomy of FEV organs			_				1	
P.C.3.1 P.C.3.2 P.C.3.3 P.C.3.4 P.C.5 P.C.5.1 P.C.5 P.C.5.1 P.C.5 P.C.5.2 P.C.5.4 P.C.5 P.C.5.2 P.C.5.4 P.C.5 P.C.5.2 P.C.5.2 P.C.5.2 P.C.5.3 P.C.5.4 P.C.5 P.C.5.2 P.C.5.3 P.C.5.4 P.C.5 P.	2.	Clinical anatomy of	7	4	PC-1 PC-1.1	L1.1 L1.2		
PC3.3 PC3.4 PC5 E11.5		ENT organs						
Inflammatory diseases of the nose						L2.1 L2.2		
S. Inflammatory					PC-3.3 PC-3.4	L2.3 L3.1		
Second Color					PC-5 PC-5.1 PC	E1 L1.5		
Second Color								
Section Sect								
diseases of the nose					10 0.2	L1./.		
diseases of the nose	2	Inflammatom	7	6	DC 1 DC 1 1	111112		
PC-3.1 PC-3.2 L2.1 L2.2 PC-3.3 PC-3.4 L2.3 L3.1 PC-5 PC-5.1 PC Express PC-8 L1.5 Express PC-8 L1.6 PC-8.2 L1.7	3.		/	U				
PC33 PC34 PC3 PC3 PC3 PC3 PC3 PC3 PC3 PC3 PC3 PC3 PC3 PC3 PC3		diseases of the nose						
PC-SPC-SIPCS F11.1.5 S2PC-SIPCS F1.1.6 L1.6 L1.7								
S. S. P.C.S. 2								
PC-8.2						E1 L1.5		
Inflammatory diseases of the throat						L1.6		
Inflammatory diseases of the throat					PC-8.2	L1.7.		
diseases of the throat PC12 PC3 L13 L14 PC3.1 PC3.2 PC3.3 PC3.4 PC3.1 PC3.2 PC3.3 PC3.4 PC3.1 PC3.2 PC3.3 PC3.4 PC3.2 PC3.3 PC3.4 PC3.2 PC3.4 PC8 L1.5 L1.5 L1.6 L1.7 L1.1 L1.1 PC1.2 PC3 L1.3 L14 PC3.1 PC3.2 PC3.3 PC3.4 L23 L3.1 PC3.1 PC3.2 PC3.3 PC3.4	4	Inflammatory		4	PC-1 PC-1 1			
throat			7	·				
PG33 PG34 L23 L31 PG5 PC5.1 PC E1 L1.5 L1.6 L1.7			,					
PCS PCS A PCS L1.5		unoat						
S.2 PC-S.4 PC-8								
PC-82								
Second Column						L1.6		
diseases of the larynx					PC-8.2	L1.7.		
diseases of the larynx	5.	Inflammatory	7	6	PC-1 PC-1.1			
Barynx								
PC-3.3 PC-3.4 PC-5 PC-5.1 PC E1.1.5 E1.1								
PC-5 PC-5.1 PC E1 L1.5		iai yiix						
6. Inflammatory diseases of the ear								
6. Inflammatory diseases of the ear diseases								
6. Inflammatory diseases of the ear 7								
diseases of the ear					PC-8.2	L1.7.		
diseases of the ear	6.	Inflammatory	7	6	PC-1 PC-1.1	L1.1 L1.2		
PC-3.1 PC-3.2 L2.1 L2.2 L2.3 L3.3 PC-5.4 PC-5.5.1 PC S.2 PC-5.4 PC-8 L1.5 L1.6 L1.7								
PC-3 A PC-3.4 PC-5 PC-5.1 PC E1 L1.5		discuses of the cur						
Relative deafness								
S.2 PC-5.4 PC-8 Cl.1.6 Cl.7.								
PC-8.2 L1.7.								
7. Relative deafness 7 4 PC-1 PC-1.1 L1.1 L1.2 L2 PC-1.2 PC-3 PC-3.3 PC-3.4 PC-3.1 PC-3.2 L2.1 L2.2 PC-3.3 PC-3.4 PC-5 PC-5.1 PC S.2 PC-5.4 PC-8 L1.6 L1.7 L1.1 L1.2 L1.2 L2.2 PC-3.3 PC-3.4 PC-3.1 PC-3.2 PC-3.3 PC-3.4 PC-3.1 PC-3.2 PC-3.3 PC-3.4 PC-5.2 PC-5.4 PC-8 PC-8.2 L1.6 L1.6 PC-8.2 L1.7 L1.1 L1.2 PC-1.2 PC-3 PC-3.3 PC-3.4 PC-3.1 PC-3.2 L1.6 PC-3.2 PC-3.3 PC-3.4 PC-3.1 PC-3.2 L1.5 L1.6 PC-3.3 PC-3.2 PC-3.3 PC-3.4 PC-3.1 PC-3.2 PC-3.3 PC-3.4 PC-3.1 PC-3.2 PC-3.3 PC-3.4 PC-3.1 PC-3.2 PC-3.3 PC-3.4 PC-3.1 PC-3.2 PC-3.3 PC-3.4 PC-5.1 PC S.2 PC-5.4 PC-8 PC-5.2 PC-5.4 PC-8 PC-3.3 PC-3.4								
Record R					PC-8.2	L1.7.		
PC-1.2 PC-3	7.	Relative deafness	7	4	PC-1 PC-1.1	L1.1 L1.2		
Record R								
PC-3.3 PC-3.4 L2.3 L3.1 E1 L1.5 L1.6 L1.6 L1.6 L1.6 L1.7								
PC-5 PC-5.1 PC S.2 PC-5.4 PC-8 L1.5 L1.6								
8. Tumours of ENT organs								
8. Tumours of ENT organs 9. Injuries of ENT organs 9. Injuries of ENT organs 10. Anomalies of development of ENT organs 10. Anomalies of PC-1.1 PC-1.1 EN.1 L1.2 EN.7 EN.3.1 PC-3.2 PC-3.3 PC-3.4 EN.3 L1.4 PC-1.2 PC-3.1 PC-3.2 EN.3 L1.4 PC-1.2 PC-3.3 PC-3.4 EN.3 L1.4 PC-1.2 PC-3.3 PC-3.4 EN.3 L1.4 PC-3.1 PC-3.2 EN.3 L1.4 PC-5 PC-5.1 PC EN.3 EN.3 EN.3 EN.3 EN.3 EN.3 EN.3 EN.3								
8. Tumours of ENT organs Tumours of ENT organs								
Organs								
PC-3.1 PC-3.2	8.	Tumours of ENT	7	6	PC-1 PC-1.1	L1.1 L1.2		
PC-3.1 PC-3.2		organs				L1.3 L1.4		
PC-3.3 PC-3.4		-						
PC-5 PC-5.1 PC 5.2 PC-5.4 PC-8 L1.6 L1.7. 9. Injuries of ENT organs 7								
9. Injuries of ENT organs 7	1							
9. Injuries of ENT organs 7 4 PC-1 PC-1.1 L1.1 L1.2 PC-3.2 PC-3.3 PC-3.4 L2.3 L3.1 PC-5 PC-5.1 PC E1 L1.5 S.2 PC-5.4 PC-8 L1.6 PC-9.2 PC-3.1 PC-3.2 L2.1 L2.2 PC-3.3 PC-3.4 L2.3 L3.1 PC-5 PC-5.1 PC E1 L1.5 S.2 PC-5.4 PC-8 L1.6 PC-9.2 L1.7 L1.1 L1.2 PC-1.2 PC-3 L1.3 L1.4 PC-5 PC-5.1 PC ENT organs PC-3.1 PC-3.2 PC-3.3 PC-3.4 L2.3 L3.1 PC-5 PC-5.1 PC E1 L1.5 S.2 PC-5.4 PC-8 L1.6 PC-9.3 PC-3.4 L2.3 L3.1 PC-5 PC-5.1 PC E1 L1.5 S.2 PC-5.4 PC-8 L1.6 L1.6 PC-9.2 PC-9.3 PC-9.4 L1.6 L1.7 L1.1 L1.2 PC-1.2 PC-3 L1.3 L1.4								
9. Injuries of ENT organs 7 4 PC-1 PC-1.1 L1.1 L1.2 PC-3.1 PC-3.2 L2.1 L2.2 PC-3.3 PC-3.4 L2.3 L3.1 PC-5 PC-5.1 PC E1 L1.5 E2 PC-8.2 L1.7. 10. Anomalies of development of ENT organs 10. Anomalies of PC-1.2 PC-3 L1.3 L1.4 PC-3.1 PC-3.2 L2.1 L2.2 PC-3.3 PC-3.4 L2.3 L3.1 PC-3.1 PC-3.2 L2.1 L2.2 PC-3.3 PC-3.4 L2.3 L3.1 PC-5 PC-5.1 PC E1 L1.5								
organs PC-1.2 PC-3 PC-3.1 PC-3.2 PC-3.3 PC-3.4 PC-5.3 PC-5.4 PC-8 PC-5.4 PC-8 L1.6 PC-8.2 L1.7. 10. Anomalies of development of ENT organs PC-1.2 PC-3 PC-3.3 PC-3.4 PC-1.2 PC-3 L1.3 L1.4 PC-1.2 PC-3 L1.5 L1.6 L1.7. 11. Audiology 7 4 PC-1 PC-1.1 PC-1.1 L1.1 L1.2 PC-1.2 PC-3 L1.3 L1.4 PC-5 PC-5.4 PC-8 L1.6 L1.7. 11. Audiology 7 4 PC-1 PC-1.1 PC-1.1 L1.1 L1.2 PC-1.2 PC-3 L1.3 L1.4								
PC-3.1 PC-3.2 L2.1 L2.2 PC-3.3 PC-3.4 L2.3 L3.1 PC-5 PC-5.1 PC E1 L1.5 E2 PC-8.2 L1.7. 10. Anomalies of development of ENT organs PC-3.1 PC-3.2 L2.1 L2.2 L1.5 E1 L1.5 ENT organs PC-1.2 PC-3.4 PC-8 L1.6 L1.1 L1.2 PC-3.4 L2.3 L3.1 PC-5 PC-5.1 PC E1 L1.5 E1 L1.5 E2 PC-5.4 PC-8 L1.6 E1 L1.5 E1 L1.5 E2 PC-8.2 L1.7. 11. Audiology 7 4 PC-1 PC-1.1 L1.1 L1.2 PC-1.2 PC-3 L1.3 L1.4	9.	Injuries of ENT	7	4				
PC-3.1 PC-3.2		organs			PC-1.2 PC-3	L1.3 L1.4		
PC-3.3 PC-3.4 PC-5 PC-5.1 PC E1 L1.5 E1 L1.5 E2 PC-5.4 PC-8 L1.6 PC-8.2 L1.7. 10. Anomalies of development of ENT organs PC-3.1 PC-3.2 PC-3.3 PC-3.4 PC-3.2 PC-3.3 PC-3.4 PC-3.2 PC-3.3 PC-3.4 PC-3.1 PC-3.2 PC-3.4 PC-5 PC-5.1 PC E1 L1.5 E1 L1.5 E2 PC-5.4 PC-8 L1.6 PC-8.2 L1.7. 11. Audiology 7 4 PC-1.1 L1.1 L1.2 PC-1.2 PC-3 L1.3 L1.4					PC-3.1 PC-3.2	L2.1 L2.2		
PC-5 PC-5.1 PC								
S.2 PC-5.4 PC-8								
PC-8.2 L1.7. 10. Anomalies of development of ENT organs ENT organs PC-1.2 PC-3.2 L1.3 L1.4 PC-3.1 PC-3.2 L2.1 L2.2 PC-3.3 PC-3.4 L2.3 L3.1 PC-5 PC-5.1 PC E1 L1.5 E1 L1.5 E2 PC-8.2 L1.7. 11. Audiology 7 4 PC-1 PC-1.1 L1.1 L1.2 PC-1.2 PC-3 L1.3 L1.4								
10. Anomalies of development of ENT organs Audiology Anomalies of 4 PC-1 PC-1.1 PC-1.2 PC-3 PC-3.2 PC-3.2 L2.1 L2.2 PC-3.3 PC-3.4 L2.3 L3.1 PC-5 PC-5.1 PC E1 L1.5 5.2 PC-5.4 PC-8 L1.6 PC-8.2 L1.7. PC-1 PC-1.1 L1.1 L1.2 PC-1.2 PC-3 L1.3 L1.4								
development of ENT organs PC-1.2 PC-3 PC-3.1 PC-3.2 PC-3.3 PC-3.4 PC-5.1 PC E1 L1.5 E1 L1.5 E1 L1.6 PC-8.2 L1.3 L1.4 PC-5 PC-5.1 PC E1 L1.5 L1.6 PC-8.2 L1.7. 11. Audiology 7 4 PC-1 PC-1.1 PC-1.2 PC-3 L1.3 L1.4	10		<u> </u>					
ENT organs PC-3.1 PC-3.2 PC-3.3 PC-3.4 PC-5 PC-5.1 PC E1 L1.5 E2 PC-5.4 PC-8 L1.6 PC-8.2 L1.7. Audiology PC-1.1 L1.1 L1.2 PC-1.2 PC-3 L1.3 L1.4	10.		7	6				
PC-3.3 PC-3.4								
PC-5 PC-5.1 PC		ENT organs						
5.2 PC-5.4 PC-8 L1.6 PC-8.2 L1.7. 11. Audiology 7 4 PC-1 PC-1.1 L1.1 L1.2 PC-1.2 PC-3 L1.3 L1.4					PC-3.3 PC-3.4	L2.3 L3.1		
11. Audiology 7 4 PC-1.2 PC-1.1 L1.1 L1.2 PC-1.2 PC-3 L1.3 L1.4					PC-5 PC-5.1 PC	E1 L1.5		
PC-8.2 L1.7. 11. Audiology 7 4 PC-1.1 L1.1 L1.2 PC-1.2 PC-3 L1.3 L1.4					5.2 PC-5.4 PC-8			
11. Audiology 7 4 PC-1 PC-1.1 L1.1 L1.2 PC-1.2 PC-3 L1.3 L1.4								
PC-1.2 PC-3 L1.3 L1.4	11	Audio1	7	A				
	11.	Audiology	/	4				
PC-3.1 PC-3.2	1					L1.3 L1.4		
					PC-3.1 PC-3.2			

				PC-3.3 PC		L2.1 L2.2		
				PC-5 PC-5		L2.3 L3.1		
				5.2 PC-5.4	PC-8	E1 L1.5		
				PC-8.2		L1.6		
						L1.7.		
12.	Otoneurology	7	6	PC-1 PC-1		L1.1 L1.2		
				PC-1.2 PC		L1.3 L1.4		
				PC-3.1 PC- PC-3.3 PC-		L2.1 L2.2 L2.3 L3.1		
				PC-5 PC-5		E1 L1.5		
				5.2 PC-5.4		L1.6		
				PC-8.2		L1.7.		
13.	Industrial diseases	7	4	PC-1 PC-1	.1	L1.1 L1.2		
10.	Industrial diseases	,		PC-1.2 PC-		L1.3 L1.4		
				PC-3.1 PC-		L2.1 L2.2		
				PC-3.3 PC-		L2.3 L3.1		
				PC-5 PC-5		E1 L1.5		
				5.2 PC-5.4	PC-8	L1.6		
				PC-8.2		L1.7.		
14.	Phoniatrics	7	6	PC-1 PC-1		L1.1 L1.2		
				PC-1.2 PC-		L1.3 L1.4		
				PC-3.1 PC		L2.1 L2.2		
				PC-3.3 PC- PC-5 PC-5		L2.3 L3.1 E1 L1.5		
				5.2 PC-5.4		L1.6		
				PC-8.2	1 0-0			
15	Control work	7	0	PC-1 PC-1	1	L1.7.		Control
15	/Control /	1	U	PC-1.2 PC-		L1.1 L1.2 L1.3 L1.4		work
	/Control /			PC-3.1 PC-		L2.1 L2.2		WOIK
				PC-3.3 PC-		L2.3 L3.1		
				PC-5 PC-5		E1 L1.5		
				5.2 PC-5.4	PC-8	L1.6		
				PC-8.2		L1.7.		
16.	Exam	7	36	PC-1 PC-1	.1	L1.1 L1.2		Exam
				PC-1.2 PC-		L1.3 L1.4		
				PC-3.1 PC-		L2.1 L2.2		
				PC-3.3 PC		L2.3 L3.1		
				PC-5 PC-5 5.2 PC-5.4		E1 L1.5		
				5.2 PC-5.4 PC-8.2	PC-8	L1.6		
				1 C-0.2		L1.7.		
			5. ASSESSMI	ENT TOOLS				
			5.1. Tests					
Presente	ed by a single document			1111 111511				
			5.2. Topics for	written papers				
Presente	ed by a single document		F					
		6.	COURSE (MODU	ULE) RESOURCE	ES			
			6.1. Recommen					
			6.1.1.					
	Authors		Title	T		Publish., yea	ar	Quantity
L1.1	Palchun V.T.,	Otorhinola		l N		: GEOTAR-		1
L1.1	Magomedov M.M.,	Otominola	i yiigology			ectronic reso		1
	Luchikhin L.A.				-91-1, LI			
L1.2	Vishnyakov V.V.	Otorhinola	rvngology	l N	Moscow	: GEOTAR-	Media	1
11.2	, ioiiiiyako v v v v	Ctoriniora	1,1160105y			ectronic reso		1
				[~	, 21			
	•							1

L1.3	Bogomilsky M.R., Chistyakova V.R.	Pediatric otorhinolaryngology	Moscow: GEOTAR- Media, 2013, Electronic resource	1
L1.4	Palchun V.T.	Otorhinolaryngology: stamp of the Ministry of Education and Science of Russia. Recommended by the IM Sechenov Moscow Medical Academy as a textbook for students of institutions of higher professional education studying in the specialty 060101 "General Medicine" in the discipline	Moscow: GEOTAR- Media, 2013, Electronic resource	1
L1.5	Zabirov R.A., Dolgov V.A., Anikin M.I., Shchetinin V.N., Akimov A.V.,	Audiology-otorhinolaryngology: a teaching aid for teachers for a cycle of additional training in the specialty "Audiology-otorhinolaryngology"	Medical Academy, 2011,	1
L1.6	A. A. Chesnokov	Functional Anatomy of the Inner Ear: A Study Guide	Surgut: Publishing house of SURGU, 2004	17
L1.7	Tsokova T.N., Chesnokov A.A.	The mechanism of human perception of the high-frequency range of sound.	Electronic resource	1
		6.1.2. Supplementary		
L2.1	Petryakov V.A.	ENT doctor's advice. Ear, Nose and Throat Disorders	Minsk: Higher School, 2011,	
L2.2	A. A. Chesnokov	Functional Anatomy of the ENT Organs: [Monograph]	Surgut: Publishing house of SU	RGU, 2004
	1	6.1.3. Methodical development		
	Authors	Title	Publish., year	
L3.1	A. A. Chesnokov, A. V. Salmiyarov	Functional anatomy of the laryngeal swallowing muscles	Surgut: Publishing house of SU	RGU, 2011
	Į.	6.2. Internet resources		
E1	Free Medical Journ	als https://www.gfmer.ch/Medical_journals/Oto	rhinolaryngology.htm	
		6.3.1 Software		
6.3	.1.1 Operational system	Microsoft, applied programs pack Microsoft Of		
(2)	2.1[544	6.3.2 Information Referral system	S	
	2.1 http://www.garant.r			
6.3.	2.2 http://www.consulta	ип.ги		
	7 MAT	ERIAL AND TECHNICAL SUPPORT OF D	ISCIPLINE (MODIII E)	
	7.1 The classroom for	lectures is equipped with a multimedia projector, furniture: desks, chairs.		board,
		of the Department of Hospital Surgery (the surg ped with the following equipment:	ical building of the Surgut Region	onal Clinical
		ojector, laptop, portable roll screen on a tripod, s ra, digital SLR camera, black and white printer,	ystem unit, monitor, projector,	

- 7.4 Macro preparations, surgical suture imaging simulators, a set of X-rays. Embossed, volumetric dummies. A set of tuning forks. ENT instrumentation (nasal mirrors, spatulas, ear funnels, including pneumatic ones, mirrors for
- 7.5 tonometer, stethoscope, phonendoscope, thermometer, medical scales, stadiometer, anti-shock kit, set and packing for emergency preventive and therapeutic measures, electrocardiograph, bactericidal irradiator, electrosurgical high-frequency device, headlamp, set of instruments for diagnostics and surgery in otorhinolaryngology, binocular magnifier, balloon for ear blowing, rhinoscope, rhinolaryngofibroscope, negatoscope, clinical audiometer with built-in amplifier and the ability to connect to a computer and a printer, a set of tuning forks (C64 C4000), a set of instruments for examining ENT organs, an otoacoustic emission registration system, a tympanometer / impedance meter, a hook for removing foreign bodies from the nose and ear, rotating chair (Barani), (complex) for checking and training the vestibular apparatus, laryngopharyngoscope, computerized voice and speech diagnostics system, tracheotomy tube, noise integrator (noise and vibration meter), apparatus for neuromuscular ele ctrophoniatric stimulation
- 7.6 A system for recording auditory evoked potentials, a system for measuring otoacoustic emissions and auditory evoked potentials A system for measuring otoacoustic emissions and hearing, a system for diagnosing the vestibular apparatus, a headlamp, a diagnostic audiometer, an impedance audiometer