Summary of the working program of the academic discipline

« OTORHINOLARYNGOLOGY»

General Educational Program of higher education 31.05.01 GENERAL MEDICINE

Department: DISEASES OF THE EAR, THROAT AND NOSE

- **1. The purpose of mastering the discipline** (participation in the formation of relevant competencies):
- GPC-4. Able to apply medical products, provided by the order of healthcare delivery, as well as examine patients for the purpose of determining the diagnosis
- GPC-6. Able to: organize patient care, provide primary health care, ensure the organization of work and professional decision-making in case of medical emergency on the prehospital stage, in the conditions of emergency situations, epidemics and in centers of mass destruction
- GPC-7. Able to prescribe treatment and monitor its effectiveness and safety
- PC-2 Able to recognize conditions arising from sudden acute diseases, exacerbation of chronic diseases without obvious signs of a threat to the patient's life and requiring urgent medical care, recognize conditions that pose a threat to the patient's life including conditions of clinical death (stopping vital functions of the human body (blood circulation and/or respiration), requiring the provision of emergency medical care
- PC-3 Able to: provide emergency medical care to patients in case of sudden acute diseases, conditions, exacerbation of chronic diseases without obvious signs of a threat to the patient's life, provide emergency medical care to patients in conditions that threaten the patient's life, including clinical death (suspension of vital functions the human body (circulation and/or respiration)
- 2. Position of the academic discipline in the structure of the General Educational Program (GEP).
- 2.1 The discipline "Otorhinolaryngology" refers to the core part of Block 1 of GEP HE (Academic discipline index).

The discipline "Otorhinolaryngology" refers to the professional cycle of disciplines.

The discipline is included in the basic component of the doctor's training cycle and is mandatory for study at all faculties: medical, pediatric, medical-prophylactic and dental.

The basic knowledge necessary for studying the discipline is formed in the cycles: humanitarian, social and economic (foreign language, Latin, pedagogy and psychology, philosophy); biophysical, natural science disciplines (anatomy, histology, normal physiology; pathological anatomy; pathological physiology; operative surgery and topographic anatomy, pharmacology, microbiology); professional disciplines (stomatology; neurology, medical genetics; ophthalmology; propaedeutics of internal diseases, radiation diagnostics; clinical pharmacology; infectious diseases, dermatovenereology, pediatrics, oncology, neurology).

3. Deliverables of mastering the academic discipline and metrics of competence acquisition

Mastering the discipline aims at acquiring the following universal (UC) or/and general professional (GPC) or/and professional (PC) competencies

		The content of the	Code and name of the	As a result of master	ring the discipline, the	e students should:
№	Compete nce code	competence (or its part)	competence acquisition metric	Know	Be able to	Possess
1.	GPC- 4	Able to apply medical products, provided by the order of healthcare delivery, as well as examine patients for the purpose of determining the diagnosis		IOTC 4.1 Knows the methodology for collecting anamnesis of life and diseases, complaints from patients (their legal representatives); method of examination and physical examination; clinical picture, methods for diagnosing the most common diseases of ENT organs; methods of laboratory and instrumental studies for assessing the state of health, medical indications for conducting studies, rules for interpreting their results; international statistical classification of diseases and related health problems (ICD); conditions requiring emergency medical care; the procedure for using a tracheostomy tube, a pneumoballoon to stop nasal bleeding in accordance with the current procedures for the provision of medical, clinical recommendations (treatment protocols) on the provision of medical care,	IOPC 4.2 Is able to: collect complaints, anamnesis of life and disease from patients (their legal representatives), identify risk factors and causes of diseases; apply methods of examination and physical examination of patients with pathology of ENT organs; interpret the results of the examination and physical examination of patients; to diagnose the most common pathology of ENT organs in patients; identify risk factors for cancer; formulate a preliminary diagnosis, draw up a plan for conducting laboratory, instrumental and additional studies in patients in accordance with the procedures for providing medical care, clinical recommendations, taking into account the standards of medical care; refer patients to laboratory instrumental and additional studies in accordance with the current procedures for medical care; refer patients to laboratory instrumental and additional studies in accordance with the current procedures for medical care; refer patients to laboratory instrumental and additional studies in accordance with the current procedures for medical care; refer patients for consultations to specialist doctors in accordance with the procedures for providing medical care, clinical recommendations, taking into account the standards of medical care; refer patients for consultations to specialist doctors in accordance with the procedures for providing medical care, clinical recommendations, taking into account the standards of medical care; refer patients for consultations to specialist doctors in accordance with the procedures for providing medical care, clinical recommendations, taking into account the standards of medical care; refer patients for consultations to specialist doctors in accordance with the procedures for providing medical care, clinical recommendations, taking into account the standards of medical care; refer patients for consultations to specialist doctors in accordance with the procedures for providing medical care, clinical recommendations,	IDOPK 4.3 Has practical experience in: collecting complaints, anamnesis of life and disease in patients (their legal representatives), identifying risk factors and causes of diseases; examination and physical examination of patients with pathology of ENT organs; diagnosis of the most common diseases of ENT organs; identification of risk factors for major oncological diseases of the upper respiratory tract; formulating a preliminary diagnosis, drawing up a plan for instrumental, laboratory, additional studies, consultations with specialist doctors; referral of patients for instrumental, laboratory, additional studies, consultations of medical specialists in accordance with the current procedures for the provision of medical care, clinical recommendations, taking into account the standards of medical care; interpretation of data from additional (laboratory and instrumental) examinations of patients; making a preliminary diagnosis in accordance with the standards of medical care; interpretation of data from additional (laboratory and instrumental) examinations of patients; making a preliminary diagnosis in accordance with the international

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	pneumotampon to stop nosebleeds in accordance with the current procedures for the provision of medical care, clinical recommendations (treatment protocols) on the provision of medical care, care taking into
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	accordance with the current procedures for the provision of medical care, clinical recommendations (treatment protocols) on the provision of medical care, care taking into
	the current procedures for the provision of medical care, clinical recommendations (treatment protocols) on the provision of medical care, care taking into
	provision of medical care, clinical recommendations (treatment protocols) on the provision of medical care, care taking into
	medical care, clinical recommendations (treatment protocols) on the provision of medical care, care taking into
	clinical recommendations (treatment protocols) on the provision of medical care, care taking into
	recommendations (treatment protocols) on the provision of medical care, care taking into
	(treatment protocols) on the provision of medical care, care taking into
	protocols) on the provision of medical care, care taking into
	provision of medical care, care taking into
	medical care, care taking into
	taking into
	account the
	standards of
	medical care
	carrying out
	differential diagnostics of
	diseases;
	recognition of
	conditions arising
	from sudden acute
	diseases,
	exacerbation of
	chronic diseases
	without obvious signs of a threat to
	the patient's life
	and requiring
	emergency
	medical care; the
	use of a
	tracheostomy tube
	and a
	pneumotampon to stop nosebleeds in
	accordance with
	the current
	procedures for the
	provision of
	medical care,
	clinical
	recommendations
	(treatment
	protocols) on the
	protocols) on the provision of
	protocols) on the provision of medical care, care
	protocols) on the provision of medical care, care taking into
	protocols) on the provision of medical care, care taking into account the
2. GPC- Able to: organize IOTC 6.1 Knows: IOTC 6.2 Is able to:	protocols) on the provision of medical care, care taking into account the standards of
patient care methods of collecting recognize	protocols) on the provision of medical care, care taking into account the
6 provide primary complaints and conditions requiring	protocols) on the provision of medical care, care taking into account the standards of medical care
health care ensure anamnesis from emergency medical	protocols) on the provision of medical care, care taking into account the standards of medical care IOPC-6.3 Has practical experience in:
patients (their legal care, requiring	protocols) on the provision of medical care, care taking into account the standards of medical care IOPC-6.3 Has practical

		the organization of	representatives);	emergency medical	requiring
		work and	methods of physical	care; provide	emergency
		professional	examination of	emergency medical	medical care in
		decision-making in	patients with	care to patients in	case of pathology
		case of medical	pathology of ENT organs; principles and	conditions that pose a threat to the life	of ENT organs that pose a threat
		emergency on the	methods of providing	of patients with	to life, requiring
		prehospital stage,	medical care to	ENT pathology, use	emergency
		in the conditions of	patients in	medicines and	medical care;
		emergency	emergencies, in	medical devices in	providing
		situations,	accordance with clinical guidelines,	the provision of medical care in	emergency medical care to
		epidemics and in centers of mass	taking into account	emergency	patients with
		destruction	the standards of	conditions in	pathology of ENT
		destruction	medical care; clinical	patients with ENT	organs; the use of
			signs of major medical emergencies;	pathology, organizecare of	drugs and pneumotampons to
			organization	patients with	stop nosebleeds;
			principlescare of	pathologies of ENT	organizationscare
			patients with	organs	of patients with
			pathology of ENT organs, provision of		tracheostomy
			primary health care		
			r		
3.	GPC-	Able to prescribe	 IOPC 7.1 Knows:	IOPC 7.2 Is able to:	KIPT 7.3 Has
	7	treatment and	methods of drug and non-drug treatment,	develop a treatment plan for patients	practical experience
	'	monitor its effectiveness and	medical indications	with the most	in:development of
		safety	for the use of medical	common diseases of	a treatment plan
		sarcty	devices in the most	the ENT organs in	for patients with
			common diseases of the ENT organs;	accordance with the procedures for	the most common diseases of the
			groups of drugs used	providing medical	upper respiratory
			to provide medical	care, clinical	tract in accordance
			care in the treatment	recommendations,	with the current
			of the most common diseases of ENT	taking into account the standards of	procedures for the provision of
			organs; the	medical care;	medical care,
			mechanism of their	prevent or eliminate	clinical guidelines,
			action, medical	complications, side	taking into
			indications and contraindications to	effects, adverse reactions, including	account the standards of
			the appointment;	unforeseen ones,	medical care;
			compatibility,	resulting from	provision of
			possible	diagnostic or	medical care in an
			complications, side effects, adverse	therapeutic manipulations, the	emergency and urgent form to
			reactions, including	use of drugs and	patients with the
			serious and	(or) medical	most common
			unforeseen; features	devices, non-drug	diseases of the
			of medical care in emergency forms	treatment	ENT organs, in accordance with
			chicigoney forms		the current
					procedures for the
					provision of
					medical care, clinical
					recommendations,
					taking into
					account the
					standards of medical care;
					selection and
					prescription of
					medicines,
					medical devices with the most
					common diseases
					for the treatment
					of the most

			common diseases
			of the ENT organs
			in children and
			adults in
			accordance with
			the current
			procedures for the
			provision of
			medical care,
			clinical
			recommendations,
			taking into
			account the
			standards of
			medical care;
			evaluation of the
			effectiveness and
			safety of the use of
			drugs, medical devices and non-
			drug treatment in patients with the
			most common
			diseases of the
			ENT organs;
			selection and
			appointment of
			non-drug
			treatment for
			patients with the
			most common
			diseases of the
			ENT organs in
			accordance with
			the procedures for
			providing medical
			care, clinical
			recommendations,
			taking into
			account the
			standards of
			medical care;
			prevention and
			treatment of
			complications,
			side effects,
			adverse reactions,
			including
			unforeseen ones,
			resulting from
			diagnostic or
			therapeutic
			manipulations, the
			use of drugs and
			(or) medical
			devices, non-drug
			treatment;
			providing medical
			care to patients
			with sudden acute
			diseases,
			conditions,
			exacerbation of
			chronic diseases
			without obvious
			signs of a threat to
			the life of the
			patient in an
			emergency; the
L			use of medicines

4.	PC-2	Able to recognize conditions arising from sudden acute diseases, exacerbation of chronic diseases without obvious signs of a threat to the patient's life and requiring urgent medical care, recognize conditions that pose a threat to the patient's life	IPC 2.1 Knows: etiology, pathogenesis and pathomorphology, clinical picture, differential diagnosis, course features, complications and outcomes of the most common diseases of ENT organs; methodology for collecting complaints and anamnesis from patients (their legal representatives); methods of physical	IPC 2.2 Able to: identify clinical signs of conditions requiring emergency medical care in diseases of the ENT organs; identify conditions requiring emergency medical attention	and medical devices in the provision of medical care in an emergency form
		including conditions of clinical death (stopping vital functions of the human body (blood circulation and/or respiration), requiring the provision of emergency medical care	methods of physical examination of patients (examination, palpation, percussion); a list of laboratory and instrumental research methods for assessing the condition of a patient with the most common diseases of ENT organs.		
5.	PC-3	Able to: provide emergency medical care to patients in case of sudden acute diseases, conditions, exacerbation of chronic diseases without obvious signs of a threat to the patient's life, provide emergency medical care to patients in conditions that threaten the patient's life, including clinical death (suspension of vital functions the human body (circulation and/or respiration)	IPC 3.1 Knows: rules for nasal pneumotamponade	IPC 3.2 Knows how to: perform pneumotamponade of the nose	

4. Volume of the academic discipline and types of academic work

Type of educational work	Labor intensity	Labor intensity in semesters (AH)
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	Volume in incredit units (CU)	Volume in inacademic hours (AH)	VIII semester
Classroom work, including	3	72	72
Lectures (L)	-	20	20
Laboratory practicum (LP)*			
Practicals (PC),	-	52	52
Seminars (S)	-	-	-
Student's individual work (SIW)		36	36
Medical history (MH)	-	8	-
Preparation for classes (PC)	-	28	28
Mid-term assessment			
Credit			Credit
TOTAL LABOR INTENSITY	3	108	108

5. Sections of the academic discipline and competencies that are formed

№	Competence code	Section name of the discipline
1.	GPC-4, GPC-6, GPC-7, PC-2, PC-3	Clinical anatomy, physiology, methods of investigation of ENT organs
2.	GPC-4, GPC-6, GPC-7, PC-2, PC-3	Diseases of the nose and paranasal sinuses
3.	GPC-4, GPC-6, GPC-7, PC-2, PC-3	Diseases of the pharynx
4.	GPC-4, GPC-6, GPC-7, PC-2, PC-3	Diseases of the larynx
5.	GPC-4, GPC-6, GPC-7, PC-2, PC-3	Ear diseases
6.	GPC-4, GPC-6, GPC-7, PC-2, PC-3	Emergency conditions in otorhinolaryngology