« DERMATOVENEROLOGY »

(name of the academic discipline)

General Educational Program of higher education (specialist's degree programs)

31.05.01 General Medicine

Department: SKIN AND VENERAL DISEASES

- **1.** The purpose and objectives of mastering the academic discipline is the formation of preventive, diagnostic and therapeutic competencies in dermatovenereology (UC1, GPC 1.5.7, PC 1,4,5,8).
- 1.1. The purpose of mastering the discipline: (participation in forming the relevant competencies).
 - 1.2. Tasks of the discipline:

As a result of completing the discipline, the student should

Know:

The main clinical manifestations of skin diseases (scabies, pediculosis, dermatophytosis), HIV infection and sexually transmitted infections;

- •Rules for maintaining and issuing standard medical documentation (outpatient card, inpatient card);
- •Etiology, pathogenesis and preventive measures of the most common dermatological diseases, their clinical presentation, course features and possible complications;
- •Diagnostic methods and their diagnostic capabilities in the examination of a dermatological and venereal patient;
 - •Criteria for the diagnosis of various contagious dermatovenereological diseases;
- •Implementation of a rational choice of drugs in the treatment of various pathological syndromes and emergency conditions.
- •Moral and ethical standards, rules and principles of professional medical behavior, the rights of the patient and the doctor, the ethical foundations of modern medical legislation;
 - •Pathological pharmacology in the body at the molecular, cellular, tissue and organ levels;
- Features of the organization and volume of work of an outpatient doctor, modern diagnostic capabilities of the outpatient service, methods of emergency measures, indications for planned hospitalization of patients;
- •Etiology pathogenesis and preventive measures of the most common diseases, modern classification:
- •Clinical picture, course features and possible complications of the most common diseases occurring in a typical form in different age groups;

Be able to:

- conduct an examination of the patient;
- evaluate social factors affecting the patient's physical and mental health (unemployment, death of close relatives, etc.);
- make a preliminary diagnosis synthesize information about the patient in order to determine the pathology and the causes that cause it;
- outline the scope of additional research methods in accordance with the prognosis of the disease, to clarify the diagnosis and obtain a reliable result;
- choose an individual type of medical care in accordance with the situation: primary care, ambulance, hospitalization;
 - develop a treatment plan taking into account the course of the disease;
 - conduct an examination of the patient;
- •evaluate social factors affecting the patient's physical and mental health (unemployment, death of close relatives, etc.);
- make a preliminary diagnosis synthesize information about the patient in order to determine the pathology and the causes that cause it;
- outline the scope of additional research methods in accordance with the prognosis of the disease, to clarify the diagnosis and obtain a reliable result;

- choose an individual type of medical care in accordance with the situation: primary care, ambulance, hospitalization;
 - develop a treatment plan taking into account the course of the disease;

Possess:

- skills of presenting an independent point of view, analysis and logical thinking, public speech, moral and ethical reasoning, discussions and round tables;
 - skills in assessing symptoms and syndromes in major dermatovenereological diseases;
- skills in interpreting the results of laboratory, instrumental diagnostic methods for the purpose of making a preliminary diagnosis and mastering the algorithm for making a clinical diagnosis;
 - skills of correct registration of medical documentation;
- skills to inform patients and their relatives in accordance with the requirements of the rules of "informed consent";
 - skills in conducting research and analyzing its results;
- skills in interpreting the results of laboratory, instrumental diagnostic methods in order to make a preliminary diagnosis and master the algorithm for making a clinical diagnosis.
 - skills in the treatment of various pathological syndromes and emergency
 - the skill of comparing the morphological and clinical manifestations of diseases.

2. Position of the academic discipline in the structure of the General Educational Program of Higher Education (GEP HE) of the organization.

2.1. The discipline dermatovenereology refers to the core part (or the part formed by the participants of educational relations) of Block 1 of GEP HE (B1.0.27). The discipline is taught in 8 semester 4 year of study.

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

№	Competen The content of the competence acquisition	The content of the competence acquisition			of mastering the students sho	the discipline, ould:
	ce code	competence (or its part)	metric	know	be able to	possess
1.	UC-1.	Able to carry out a critical analysis of problem situations	Able to carry out a critical analysis of problem situations based on a systematic approach, develop an action strategy	1.1 Knows: methods of critical analysis and evaluation of modern scientific achieveme nts; basic principles of critical analysis	1.2 Able to: gain new knowledge based on analysis, synthesis, etc.; collect data on complex scientific problems related to the profession al field; search for informatio	1.3 Has practical experience: researching the problem of professional activity using analysis, synthesis and other methods of intellectual activity; developing an action strategy to solve professional

2.	GPC-1	Able to implement moral and	Able to implement moral and legal norms, ethical and	1.1 Knows: basics of	n and solutions based on action, experiment and experience 1.2 Able to: apply ethical	problems 1.3 Has practical experience
2	GPC 5	legal norms, ethical	deontological principles in professional activities	medical ethics and deontology ; fundament als of legislation in the field of healthcare; legal aspects of medical practice	norms and principles of behavior of a healthcare worker in the performan ce of their profession al duties; knowledge of modern legislation in the field of healthcare in solving problems of profession al activity; apply the rules and norms of interaction between a doctor and colleagues and patients (their legal representatives)	in: solving standard problems of professional activity based on ethical norms and deontological principles when interacting with colleagues and patients (their legal representatives), knowledge of the legal aspects of medical practice
3.	GPC-5.	Able to assess morphofunc tional, physiologica	Able to assess morphofunctional, physiological conditions and pathological processes in	5.1 Knows: anatomy, histology, embryolog	5.2 Able to: evaluate the basic morpholog	5.3 Has practical experience in: assessment

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		1 conditions	the	у,	ical and	of basic
		and	human body to solve	topographi	functional	morphologic
		pathological	professional	c anatomy,	data,	al and
		processes in	problems	physiology	physiologi	functional
		the		,	cal	data,
		human body		pathologic	conditions	physiological
		to solve		al anatomy	and	conditions
		professional		and	pathologic	and
		problems		physiology	al	pathological
				of human	processes	processes in
				organs and	in the	the human
				systems	human	body when
					body	solving
						professional
						problems
4.	GPC-7.	Able to	Able to prescribe treatment	7.1	7.2 Able	7.3 Has
		prescribe	and monitor its	Knows:	to: develop	practical
		treatment	effectiveness and	methods of	a treatment	experience
		and monitor	safety	drug and	plan for	in:
		its	502559	non-drug	patients	developing a
		effectivenes		treatment,	with the	treatment
		s and		medical	most	plan for
		safety		indications	common	patients with
		Barety		for the use	diseases in	the most
				of medical	accordance	common
				devices for	with the	diseases in
				the most	procedures	accordance
				common	for	with the
				diseases;	providing	current
				groups of	medical	procedures
				drugs used	care,	for the
				to provide	clinical	provision of
				medical	guidelines	medical care,
				care in the	taking into	clinical
				treatment	account	guidelines,
				of the most	the	taking into
				common	standards	account the
				diseases;	of medical	standards of
				the		medical care;
				mechanis	care; prevent or	provision of
				m of their	eliminate	-
				action,		emergency
				medical	complicati ons, side	and urgent medical care
				indications	effects,	
				and	adverse	to patients with the most
				contraindic	reactions,	common
				ations to	including	diseases in
				the	unforeseen	accordance
				prescriptio	ones,	with the
				n;	resulting	current
				compatibil	from	procedures
				ity,	diagnostic	for

			possible	or	providing
			complicati	therapeutic	medical care,
			ons, side	manipulati	clinical
			effects,	ons, the	guidelines,
			adverse	use of	taking into
			reactions,	drugs and	account the
			including	(or)	standards of
			serious and	medical	medical care;
			unforeseen	devices,	selection and
			; features	non-drug	prescription
			of medical	treatment	of medicines,
			care in		medical
			emergency		devices with
			forms		the most
			7.2 Able		common
			to: develop		diseases for
			a treatment		the treatment
			plan for		of the most
			patients		common
			with the		diseases of
			most		children and
			common		adults in
			diseases in		accordance
			accordance		with the
			with the		current
			procedures		procedures
			for		for providing
			providing		medical care,
			medical		clinical
			care,		recommendat
			clinical		ions, taking
			guidelines		into account
			taking into		the standards
			account		of medical
			the		care;
			standards		evaluation of
			of medical		the
			care;		effectiveness
			prevent or		and safety of
			eliminate		the use of
			complicati		drugs,
			ons, side		medical
			effects,		devices and
			adverse		non-drug
			reactions,		treatment of
			including		patients with
			unforeseen		the most
			ones,		common
			resulting		diseases;
			from		selection and
			diagnostic		prescription
L			or		of non-drug
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		thera	apeutic	treatment for
			ipulati	patients with
		ons,		the most
		use o		common
			gs and	diseases in
		(or)		accordance
		medi		with the
		devid		
				procedures
			-drug	for providing
		treati	ment	medical care,
				clinical
				guidelines,
				taking into
				account the
				standards of
				medical care;
				prevention
				and treatment
				of
				complication
				s, side
				effects,
				adverse
				reactions,
				including
				unforeseen
				ones,
				resulting
				from
				diagnostic or
				therapeutic
				manipulation
				s, 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 patient's
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						life in an emergency form; the use of medicines and medical devices in the provision of medical care in an emergency form
5.	PC -1	Able to assess the condition of a patient requiring medical treatment in the emergency form	Able to assess the condition of a patient requiring medical treatment in the emergency form	1.1 Knows: etiology, pathogenes is and pathomorp hology, clinical aspect, differential diagnosis, clinical features, complicati ons and outcomes of diseases of internal organs; methodolo gy for collecting complaints and anamnesis; physical examinatio n technique (examinati on, palpation, percussion, auscultatio n); a list of laboratory and instrument al research methods for	1.2 Able to: identify clinical signs of conditions requiring medical treatment in the emergency form	

				assessing the condition, the main medical indications for conducting research and interpretin g the results of patients requiring medical care in the emergency form	
6.	PC-4	Able to use medicines and medical devices for providing medical care in emergency forms	Able to use medicines and medical devices for providing medical care in emergency forms	4.1 Knows: modern methods of using medicines, medical devices for diseases and conditions in accordance with the current procedures for providing medical care, clinical recommen dations (treatment protocols) on the provision of medical care taking into account	4.2 Able to: prescribe medicines, medical devices taking into account the diagnosis, age and clinical picture of the disease in accordance with the current procedures for providing medical care, clinical recommen dations (treatment protocols) on the medical care

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		the	delivery in	
		standards	emergency	
		of medical	or urgent	
		care in the	forms	
		provision		
		of medical		
		care in		
		emergency		
		or urgent		
		forms; the		
		mechanis		
		m of		
		action of		
		drugs,		
		medical		
		devices,		
		medical		
		indications and		
		contraindic		
		ations to		
		their use; complicati		
		ons caused		
		by their use;		
		principles		
		of		
		operation		
		of devices		
		for		
		external		
		electric		
		pulse		
		therapy		
		(defibrillat		
		ion); rules		
		for		
		performing		
		external		
		electric		
		pulse		
		therapy		
		(defibrillat		
		ion) in		
		case of		
		sudden		
		cessation		
		of blood		
		circulation		
		and / or		
		respiration		
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7. PC-5	Able to collect complaints, anamnesis of the patient's life and illness, conduct a complete physical examination of the patient	Able to collect complaints, anamnesis of the patient's life and illness, conduct a complete physical examination of the patient (examination, palpation, percussion, auscultation), formulate a preliminary diagnosis and draw up a plan for laboratory and instrumental examinations of the patient	5.1 Knows: the legislation of the Russian Federation in the field of health care, regulations and other documents that determine the activities of medical organizatio ns and healthcare workers; method of collecting complaints , anamnesis of life and disease of the patient; a technique for a complete physical examinatio n of the patient (examinati on, palpation, percussion, auscultatio n); etiology, pathogenes is and pathomorp hology,	5.2 Able to: collect complaints , anamnesis of life and disease of the patient and analyze the informatio n received; conduct a complete physical examinatio n of the patient (examinati on, palpation, percussion, auscultatio n) and interpret its results; determine the sequence of volume, content and sequence of diagnostic measures incl. modern digital technologi es	
			clinical aspect,		

		differential	
		diagnosis,	
		clinical	
		features,	
		complicati	
		ons and	
		outcomes	
		of diseases	
		of internal	
		organs;	
		patterns of	
		functionin	
		g of a	
		healthy	
		human	
		body and	
		mechanis	
		ms for	
		ensuring	
		health	
		from the	
		standpoint	
		of the	
		theory of	
		functional	
		systems;	
		features of	
		the	
		regulation	
		of the	
		functional	
		systems of	
		the human	
		body in	
		pathologic	
		al	
		processes;	
		methods of	
		laboratory	
		and	
		instrument	
		al	
		examinatio	
		ns for	
		assessing	
		the state of	
		health,	
		medical	
		indications	
		for	
		conducting	
		investigati	
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				ons, rules	
				for	
				interpretin	
				g their	
				results	
8.	PC-8	Able to:	Able to: develop a	8.1	8.2 Able
		develop a	treatment plan for a disease	Knows:	to: draw
		treatment	or condition and prescribe	modern	up a
		plan for a	medicine, medical devices,	methods of	treatment
		disease or	therapeutic nutrition and	using	plan for
		condition	non-drug treatment taking	medicines,	the disease
		and	into account the diagnosis,	medical	and the
		prescribe	age and clinical picture in	devices	patient's
		medicine,	accordance with current	and	condition
		medical	procedures for the medical	therapeutic	taking into
		devices,	care delivery, clinical	nutrition in	account
		therapeutic	recommendations	diseases	the
		nutrition and	(treatment protocols) on the	and	diagnosis,
		non-drug	provision of medical care	conditions	the
		treatment	taking into account the	of the	patient's
		taking into	standards of medical care	patient in	age, the
		account the	and to evaluate the	accordance	clinical
		diagnosis,	effectiveness and safety of	with the	picture of
		age and	the use of medicines,	current	the disease
		clinical	medical devices,	procedures	in
		picture in	therapeutic nutrition and	for	accordance
		accordance	other methods of treatment	medical	with the
		with current		care,	current
		procedures		clinical	procedures
		for the		recommen	for
		medical care		dations	providing
		delivery,		(treatment	medical
		clinical		protocols)	care,
		recommend		on the	clinical
		ations		provision	recommen
		ations		of medical	dations
				care taking	(treatment
				into	protocols)
				account	on the
				the	provision
				standards	of medical
				of medical	
					care,
				care; the	taking into
				mechanis m of	account
				m of	the
				action of	standards
				medicines,	of medical
				medical	care;
				devices	prescribe
				and	medication

therapeutic nutrition, devices medical indications and indications and nutrition contraindic taking into	
medical and indications therapeutic and nutrition	
indications therapeutic and nutrition	
and nutrition	
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contraindic taking into	
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ations to account	
their use; the	
complicati diagnosis,	
ons caused age and	
by their clinical	
use; picture of	
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non-drug accordance	
treatment with the	
of diseases current	
and medical	
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of the procedures	
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accordance recommen	
with dations	
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medical protocols)	
care on the	
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recommen care taking	
dations into	
(treatment account	
protocols) the	
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provision of medical	
of medical care;	
care taking prescribe	
into prescribe into	
account treatment	
the taking into	
standards account	
of medical the	
care; diagnosis, action age and	
action age and mechanis clinical	
drug the disease treatment; in	
medical accordance	
indications with the	
and current contraindic medical	
ations to care	

			its prescriptio n; side effects, complicati ons caused by its use	procedures , clinical recommen dations (treatment protocols) on issues related to the provision of medical care taking into account the standards of medical care; evaluate the effectivene ss and safety of the use of medicines, medical devices and therapeutic nutrition
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4. Sections of the academic discipline and competencies that are formed when mastering them

№	Competen ce code	Section name of the discipline	The content of the section in teaching units		
1	,	General dermatology.	Brief history of the development of dermatology. Anatomy and histology of normal skin. The structure of the oral mucosa and the red border of the lips. Physiology and basic functions of the skin and oral mucosa		
2	UC1, GPC 1.5.7, PC 1,4,5,8	Papulosquamous dermatoses.	Psoriasis, lichen planus, pink lichen gibert: etiology, pathogenesis, clinic, diagnosis and principles of treatment and prevention. Demonstration of patients		
3	UC1, GPC 1.5.7, PC 1,4,5,8,	Allergodermatosis.	Dermatitis (allergic and contact), eczema, atopic dermatitis: etiology, pathogenesis, clinic, diagnosis and principles of treatment and prevention. Demonstration of patients		
4	UC1, GPC 1.5.7, PC 1,4,5,8	Drugs reactions	Toxicodermia (erythema multiforme exudative, Stevens-Johnson syndrome, Lyell's syndrome): etiology, pathogenesis, clinic, diagnosis and principles of treatment and prevention. Demonstration of patients		
5	UC1, GPC	Pustular diseases of	Superficial and deep pyoderma, clinical varieties: etiology,		

	1.5.7, PC		pathogenesis, clinic, diagnosis and principles of treatment and		
	1,4,5,8	Pediculosis.	prevention. Demonstration of patients		
			Scabies: etiology, pathogenesis, clinic, diagnosis and principles of		
			treatment and prevention. Demonstration of patients		
			Pediculosis: etiology, pathogenesis, clinic, diagnosis and principles of		
			treatment and prevention. Demonstration of patients		
	UC1, GPC		Pityriasis versicolor, erythrasma, mycosis of the head, feet, smooth		
6	1.5.7, PC	Fungal diseases	skin and inguinal folds, candidiasis: etiology, pathogenesis, clinic,		
	1,4,5,8	Tungar discuses	diagnosis and principles of treatment and prevention. Demonstration of		
			patients Demonstration of patients.		
	UC1, GPC	Diffuse connective	Lupus erythematosus, sclerodderma and dermatomyositis: etiology,		
7	1.5.7, PC	tissue diseases	pathogenesis, clinic, diagnosis and principles of treatment and		
	1,4,5,8		prevention. Demonstration of patients Demonstration of patients.		
	UC1, GPC		Herpetic infection, human papillomavirus: etiology, pathogenesis,		
8	1.5.7, PC	Viral dermatoses	clinic, diagnosis and principles of treatment and prevention.		
	1,4,5,8		Demonstration of patients		
	UC1, GPC	Vesicular	Pemphigus, pemphigus: etiology, pathogenesis, clinic, diagnosis and		
9	1.5.7, PC	dermatoses	principles of treatment and prevention. Demonstration of patients.		
	1,4,5,8		principles of treatment and prevention. Demonstration of patients.		
	UC1, GPC		Etiology, pathogenesis, clinic, diagnosis and principles of treatment		
10	1.5.7, PC	Syphilis	and prevention. Demonstration of patients		
	1,4,5,8		The pro-children and pullents		
	UC1, GPC		Gonorrhea: etiology, pathogenesis, clinic, diagnosis and principles of		
11	1.5.7, PC	Gonorrhea	treatment and prevention. Demonstration of patients		
	1,4,5,8		•		
			Scabies, HPV: etiology, pathogenesis, clinic, diagnosis and rationale		
	UC1, GPC		for treatment and prevention.		
12	1.5.7, PC	STI	Chlamydia: etiology, pathogenesis, clinic, diagnosis, treatment and		
	1,4,5,8	~	prevention.		
	1,1,5,5		Trichomoniasis: etiology, pathogenesis, clinic, diagnosis, causes,		
			treatment and prevention		

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

Type of educational work	Labor intensity		Labor intensity (AH)	
	volume in credit	volume in academic	in semesters	
	units (CU)	hours (AH)	VIII	
	1.0			
Classroom work, including	1.8	66	66	
Lectures (L)	0,4	14	14	
Laboratory practicum (LP)*				
Practicals (P)	1,4	52	52	
Seminars (S)				
Student's individual work (SIW)	1,2	42	42	
Mid-term assessment				
credit/exam (specify the type)				
TOTAL LABOR INTENSITY	3	108	108	