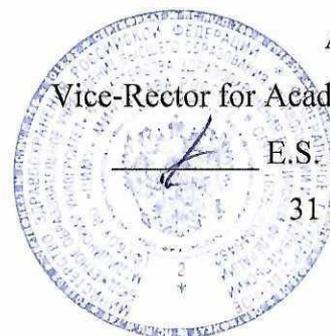


Federal State Budgetary Educational Institution of Higher Education  
"Privolzhsky Research Medical University"  
Ministry of Health of the Russian Federation



APPROVED

Vice-Rector for Academic Affairs

E.S. Bogomolova

31 August 2021

## WORKING PROGRAM

Name of the academic discipline: **DERMATOVENEROLOGY**

Specialty: **31.05.01 GENERAL MEDICINE**

*(code, name)*

Qualification: **GENERAL PRACTITIONER**

Department: **SKIN AND VENERAL DISEASES**

Mode of study: **FULL-TIME**

Labor intensity of the academic discipline: **108 academic hours**

Nizhny Novgorod  
2021

The working program has been developed in accordance with the Federal State Educational Standard for specialty 31.05.01 GENERAL MEDICINE approved by Order of the Ministry of Science and Higher Education of the Russian Federation No. 988 of August 12, 2020.

**Developers of the working program:**

Zorkina Maria Vadimovna, Candidate of Medical Sciences, Associate Professor of the Department of Skin and Venereal Diseases

The program was reviewed and approved at the department meeting (protocol No. 01 June 2021)

Head of the Department,  
Doctor of Medical Sciences  (Shlivko Irena Leonidovna)  
01 June 2021

AGREED

Deputy Head of EMA ph.d. of biology  Lovtsova L.V.  
(signature)

01 June 2021

**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.

**2.2. The following knowledge, skills and abilities formed by previous academic disciplines are required for mastering the discipline:**

history of medicine, philosophy, bioethics, Latin, psychology, foreign language, physics, mathematics, biological chemistry, medical informatics, biology, anatomy, topographic anatomy and surgery, histology, embryology, cytology, normal physiology, microbiology, virology, immunology, pharmacology, pedagogical, clinical pathophysiology, hygiene, propaedeutics of diseases

**2.3. Mastering the discipline is required for forming the following knowledge, skills and abilities for subsequent academic disciplines:**

pediatrics, phthysiology, infectious diseases, surgery

**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

№	Competence code	The content of the competence (or its part)	Code and name of the competence acquisition metric	As a result of mastering the discipline, the students should:		
				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 achievements; basic principles of critical	1.2 Able to: gain new knowledge based on analysis, synthesis, etc.; collect data on complex scientific problems	1.3 Has practical experience: researching the problem of professional activity using analysis, synthesis and other methods of intellectual

				analysis	related to the professional field; search for information and solutions based on action, experiment and experience	activity; developing an action strategy to solve professional problems
2.	GPC-1	Able to implement moral and legal norms, ethical	Able to implement moral and legal norms, ethical and deontological principles in professional activities	1.1 Knows: basics of medical ethics and deontology ; fundamentals of legislation in the field of healthcare; legal aspects of medical practice	1.2 Able to: apply ethical norms and principles of behavior of a healthcare worker in the performance of their professional duties; knowledge of modern legislation in the field of healthcare in solving problems of professional activity; apply the rules and norms of interaction between a doctor and colleagues and patients (their legal representatives)	1.3 Has practical experience 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 morphofunctional, physiological conditions and pathological processes in the human body to solve professional problems	Able to assess morphofunctional, physiological conditions and pathological processes in the human body to solve professional problems	5.1 Knows: anatomy, histology, embryology, topographic anatomy, physiology, pathological anatomy and physiology of human organs and systems	5.2 Able to: evaluate the basic morphological and functional data, physiological conditions and pathological processes in the human body	5.3 Has practical experience in: assessment of basic morphological and functional data, physiological conditions and pathological processes in the human body when solving professional problems
4.	GPC-7.	Able to prescribe treatment and monitor its effectiveness and safety	Able to prescribe treatment and monitor its effectiveness and safety	7.1 Knows: methods of drug and non-drug treatment, medical indications for the use of medical devices for the most common diseases; groups of drugs used to provide medical care in the treatment of the most common diseases; the mechanism of their action, medical indications and contraindications	7.2 Able to: develop a treatment plan for patients with the most common diseases in accordance with the procedures for providing medical care, clinical guidelines taking into account the standards of medical care; prevent or eliminate complications, side effects, adverse reactions,	7.3 Has practical experience in: developing a treatment plan for patients with the most common diseases in accordance with the current procedures for the provision of medical care, clinical guidelines, taking into account the standards of medical care; provision of emergency and urgent medical care to patients with the most common

				<p>ations to the prescription; compatibility, possible complications, side effects, adverse reactions, including serious and unforeseen; features of medical care in emergency forms</p> <p>7.2 Able to: develop a treatment plan for patients with the most common diseases in accordance with the procedures for providing medical care, clinical guidelines taking into account the standards of medical care; prevent or eliminate complications, side effects, adverse reactions, including</p>	<p>including unforeseen ones, resulting from diagnostic or therapeutic manipulations, the use of drugs and (or) medical devices, non-drug treatment</p>	<p>diseases in accordance with the current procedures for providing medical care, clinical guidelines, 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 children and adults in accordance with the current procedures for providing 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 of patients with</p>
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				unforeseen ones, resulting from diagnostic or therapeutic manipulations, the use of drugs and (or) medical devices, non-drug treatment		the most common diseases; selection and prescription of non-drug treatment for patients with the most common diseases in accordance with the procedures for providing medical care, clinical guidelines, 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
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						of chronic diseases without obvious signs of a threat to the patient's 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, pathogenesis and pathomorphology, clinical aspect, differential diagnosis, clinical features, complications and outcomes of diseases of internal organs; methodology for collecting complaints and anamnesis; physical examination technique (examination, palpation, percussion, auscultation); a list of	1.2 Able to: identify clinical signs of conditions requiring medical treatment in the emergency form	

				laboratory and instrumental research methods for assessing the condition, the main medical indications for conducting research and interpreting 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 recommendations (treatment protocols)	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	

				<p>on the provision of medical care taking into account the standards of medical care in the provision of medical care in emergency or urgent forms; the mechanism of action of drugs, medical devices, medical indications and contraindications to their use; complications caused by their use; principles of operation of devices for external electric pulse therapy (defibrillation); rules for performing external electric pulse therapy (defibrillation) in case of</p>	<p>dations (treatment protocols) on the medical care delivery in emergency or urgent forms</p>	
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				sudden cessation of blood circulation and / or respiration		
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 organizations and healthcare workers; method of collecting complaints, anamnesis of life and disease of the patient; a technique for a complete physical examination of the patient (examination, palpation, percussion, auscultation); etiology,	5.2 Able to: collect complaints, anamnesis of life and disease of the patient and analyze the information received; conduct a complete physical examination of the patient (examination, palpation, percussion, auscultation) and interpret its results; determine the sequence of volume, content and sequence of diagnostic measures incl. modern digital technologies	

				pathogenes is and pathomorp hology, 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		
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				health, medical indications for conducting investigations, rules for interpreting their results		
8.	PC-8	Able to: develop a treatment plan for a disease or condition and prescribe medicine, medical devices, therapeutic nutrition and non-drug treatment taking into account the diagnosis, age and clinical picture in accordance with current procedures for the medical care delivery, clinical recommendations	Able to: develop a treatment plan for a disease or condition and prescribe medicine, medical devices, therapeutic nutrition and non-drug treatment taking into account the diagnosis, age and clinical picture in accordance with current procedures for the medical care delivery, clinical recommendations (treatment protocols) on the provision of medical care taking into account the standards of medical care and to evaluate the effectiveness and safety of the use of medicines, medical devices, therapeutic nutrition and other methods of treatment	8.1 Knows: modern methods of using medicines, medical devices and therapeutic nutrition in diseases and conditions of the patient in accordance with the current procedures for medical care, clinical recommendations (treatment protocols) on the provision of medical care taking into account the standards of medical care; the mechanis	8.2 Able to: draw up a treatment plan for the disease and the patient's condition taking into account the diagnosis, the patient's age, the clinical picture of the disease in accordance with the current procedures for providing medical care, clinical recommendations (treatment protocols) on the provision of medical care, taking into account	

				<p>m of action of medicines, medical devices and therapeutic nutrition, medical indications and contraindications to their use; complications caused by their use; modern methods of non-drug treatment of diseases and conditions of the patient in accordance with current medical care procedures , clinical recommendations (treatment protocols) on the provision of medical care taking into account the standards of medical care; action mechanism of non-drug</p>	<p>the standards of medical care; prescribe medications, medical devices and therapeutic nutrition taking into account the diagnosis, age and clinical picture of the disease in accordance with the current medical care procedures , clinical recommendations (treatment protocols) on the provision of medical care taking into account the standards of medical care; prescribe non-drug treatment taking into account the diagnosis, age and clinical picture of the disease</p>	
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				treatment; medical indications and contraindications to its prescription; side effects, complications caused by its use	in accordance with the current medical care procedures, clinical recommendations (treatment protocols) on issues related to the provision of medical care taking into account the standards of medical care; evaluate the effectiveness 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**

№	Competence code	Section name of the discipline	The content of the section in teaching units
1	UC1, PC 1,4,5,8	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



### 6.1. Sections of the discipline and types of academic work

№	Name of the section of the academic discipline	Types of academic work* (in AH)					
		L	LP	P	S	SIW	total
1	General dermatology	3		12		10	25
2	Non-infectious inflammatory diseases of the skin	4		14		12	30
3	Infectious-parasitic inflammatory diseases of the skin	4		14		10	28
4	Sexually transmitted infections	3		12		10	25
	<b>TOTAL</b>	<b>14</b>		<b>52</b>		<b>42</b>	<b>108</b>

\* - L – lectures; LP – laboratory practicum; P – practicals; S – seminars; SIW – student's individual work.

### 6.2. Thematic schedule of educational work types:

#### 6.2.1 Thematic schedule of lectures

№	Name of lecture topics	Volume in AH semester VIII
1	Allergic skin diseases	2
2	Fungal diseases of the skin.	2
3	Viral dermatoses. Bubble dermatoses	2
4	Lupus. Leprosy. Borovsky's disease	2
5	General ideas about syphilis. Primary period of syphilis. Secondary period of syphilis. Tertiary period of syphilis. congenital syphilis	2
6	Diffuse diseases of the connective tissue, subject to the competence of a dermatologist. Skin tumors: melanoma, non-melanoma skin cancer, benign neoplasms	2
7	Urogenital non-gonococcal infections (chlamydia, trichomoniasis, mycoplasma infection), HPV, herpes infection. Gonorrhea of men and children	2
8	<i>Anatomy and histology of normal skin. Physiology and basic functions of the skin (video lecture)**</i>	
9	<i>Lupus. Leprosy. Leishmaniasis (video lecture)**</i>	
10	<i>Pustular diseases of the skin. Scabies. Pediculosis (video lecture)**</i>	
	<b>TOTAL (total - AH)</b>	<b>14</b>

\*\* It is possible to study using DOT and EOS when giving lectures and conducting practical classes

6.2.2. The thematic plan of laboratory practicums (*if this type of classes is stipulated in the curriculum*) - not provided by the FGOS.

#### 6.2.3. Thematic plan of practicals

№	Name of the topics of practicals	Volume in AH
		semester VIII
1	Semiotics of skin diseases. Method of examination of a dermatological patient. Self-management of patients.	5.2
2	Psoriasis. Lichen planus. Pink deprive Zhibera. Practical lesson in the form of a workshop.	5.2

3	Dermatitis. Toxidermia. Eczema. Diffuse neurodermatitis.	5.2
4	Advisory reception of dermatological patients by the head of the department in the presence of students. Reception of patients in the clinic. Test control with the inclusion of elements of a business game.	5.2
5	Fungal diseases of the skin	5.2
6	Pyoderma. Scabies. Pediculosis	5.2
7	General course of syphilis. Primary period of syphilis.	5.2
8	Secondary period of syphilis. A practical lesson based on the case method within the framework of the topic being studied.	5.2
9	Principles of treatment of syphilis. cure criteria. Public and personal prevention of syphilis. A practical lesson with the analysis of specific situations within the framework of the topic being studied.	5.2
10	Gonorrhea of men and children. Urogenital non-gonococcal infections (chlamydia, trichomoniasis, mycoplasma infection).	5.2
	TOTAL (total - AH)	52

6.2.4. Thematic plan of seminars (if this type of classes is stipulated in the curriculum) not provided by the FGOS.

#### 6.2.5. Types and topics of student's individual work (SIW)

	Name of seminar topics	Volume in AH
		semester VIII
1	Independent work in the classroom in contact with the teacher in the classroom using electronic educational resources: multimedia atlases, histological preparations demonstrating the main pathological processes in the skin, working with lecture notes, taking notes on text, testing, clinical analysis of a patient with dermatological pathology, answers to control questions on the studied material, drawing up an answer plan according to the description of the dermatological process in the patient. Independent work at home.	4
2	Independent work in the classroom in contact with the teacher in the classroom using electronic educational resources. Independent work at home. Work with tables for the differential diagnosis of psoriasis with other papulosquamous dermatoses. Independent study of additional literature, including dissertations on the clinic, pathogenesis of psoriasis and other lichens. The study of modern methods of treatment of psoriasis and lichen planus according to journal articles and collections of abstracts. Mastering PASI, BSA indices. Preparation of a report on biological treatments for psoriasis. Writing a medical history.	6
3	Independent work in the classroom in contact with the teacher in the classroom using electronic educational resources. Independent work at home. Independent study of periodic special literature on allergic dermatoses. Mastering the methodology for calculating the SCORAD index. Work with differential diagnostic tables and illustrative material on paper and electronic media. Writing a medical history of a patient with allergic dermatosis. Drawing up tables for systematization of educational material (differential diagnosis of itching dermatoses, modern methods of external therapy of allergic dermatoses). Role-playing game for developing skills in differential diagnosis and treatment of neuroallergodermatosis. Solution of situational problems	4
4	Independent work in the classroom in contact with the teacher in the classroom with the use of electronic educational resources.	4

	Independent work at home. Independent work with sources on bacterial infections of the skin. Note-taking of special literature Work with archival case histories. Preparation of a report on modern external preparations in the treatment of pyoderma. Solution of situational problems.	
5	Independent work in the classroom in contact with the teacher in the classroom with the use of electronic educational resources. Independent work at home. Independent work with pharmacological reference books with the selection of fungicidal preparations for systemic therapy of mycoses. Acquaintance with cultures of dermatophytes, molds and other varieties of fungi. Acquaintance with the latest achievements in mycology in the prevention and treatment of mycoses based on dissertations and scientific articles. Working with regulatory documents (ICD 10, emergency notification form). Writing a medical history. Solution of situational problems	4
6	Independent work in the classroom in contact with the teacher in the classroom with the use of electronic educational resources. Independent work at home. Independent work with pharmacological reference books with the selection of fungicidal preparations for systemic therapy of mycoses. Acquaintance with Nikolsky's symptom. Acquaintance with the latest achievements in the study of blistering and viral dermatoses. Working with regulatory documents (ICD 10). Writing a medical history. Solution of situational problems.	4
7	Independent work in the classroom in contact with the teacher in the classroom with the use of electronic educational resources. Independent work at home. Independent work with pharmacological reference books with the selection of fungicidal preparations for systemic therapy of mycoses. Acquaintance with Nikolsky's symptom. Acquaintance with the latest achievements in the study of blistering and viral dermatoses. Working with regulatory documents (ICD 10). Writing a medical history. Solution of situational problems.	4
8	Independent work in the classroom in contact with the teacher in the classroom with the use of electronic educational resources. Independent work at home. Work with archival case histories and outpatient cards of patients with syphilis. Work with illustrative material, tables and guidelines. Familiarization with dissertations by an employee of the department and research institute on the problems of syphilitic infection. Solution of situational problems.	4
9	Independent work in the classroom in contact with the teacher in the classroom with the use of electronic educational resources. R Independent work at home. Literature work. A historical digression into the treatment of syphilis. Acquaintance with the experience of the department on the prevention of STIs and HIV infection. Solution of situational problems.	4
10	Independent work in the classroom in contact with the teacher in the classroom with the use of electronic educational resources. Independent work at home. Work with dissertations and periodicals devoted to the examination of dermatological and venereal patients. Familiarization with test control and examination questions.	4
	TOTAL (total - AH)	42

№	Types and topics of SIW	Volume in AH
1	The study of quality of life issues in dermatological diseases	semester VIII

2	Demonstration of clinical cases	8
3	Preparation of abstracts on rare forms of pathology	8
4	The study of examination methods and features of the course of dermatological pathology in the elderly	8
	TOTAL (total - AH)	8

#### 7. Types of assessment formats for ongoing monitoring and mid-term assessment

№	Semester No.	Types of control	Name of section of academic discipline	Competence codes	Assessment formats		
					types	number of test questions	number of test task options
1.	VIII	Current monitoring	Anatomy and histology of natural skin. Semiotic diseases of the skin. Principles of diagnosis of skin diseases.	UC1, GPC 1.5.7, PC 1,4,5,8	Testing / individual survey	5	5
2	VIII	Current monitoring	Non-infectious inflammatory diseases of the skin: Psoriasis. Lichen planus. Pink lichen. Vesical dermatoses	UC1, GPC 1.5.7, PC 1,4,5,8	Testing / individual survey	10	5
3	VIII	Current monitoring	Non-infectious inflammatory diseases of the skin: Diffuse connective tissue diseases skin tumors	UC1, GPC 1.5.7, PC 1,4,5,8	Testing / individual survey	5	5
4	VIII	Current monitoring	Infectious inflammatory diseases of the skin: Pustular diseases of the skin.	UC1, GPC 1.5.7, PC 1,4,5,8	Testing / individual survey	10	5

5	VIII	Current monitoring	Infectious inflammatory diseases of the skin: Fungal diseases of the skin. Organization of the fight against dermatomycosis.	UC1, GPC 1.5.7, PC 1,4,5,8	Testing / individual survey	10	5
6	VIII	Current monitoring	Infectious inflammatory diseases of the skin: Tuberculosis of the skin. Leprosy. Borovsky's disease	UC1, GPC 1.5.7, PC 1,4,5,8	Testing / individual survey	10	5
7	VIII	Current monitoring	STI: Syphilis	UC1, GPC 1.5.7, PC 1,4,5,8	Testing / individual survey	10	5
8	VIII	Current monitoring	STI: Gonorrheal and non-gonorrheal urethritis	UC1, GPC 1.5.7, PC 1,4,5,8	Testing / individual survey	10	5
9		Mid-term assessment	Dermatology and venereology	UC1, GPC 1.5.7, PC 1,4,5,8	Traditional and interactive form of test control: final testing using gaming technologies final case history, multimedia presentation with tasks	40 questions in each version / 30 test tasks in electronic form 1 medical history, solution of a multimedia problem	10 options / 1 task

## 8. Educational, methodological and informational support for mastering the academic discipline (printed, electronic publications, the Internet and other network resources)

### 8.1. Key literature references

№	Name according to bibliographic requirements	Number of copies	
		at the department	in the library
1	Skin disease : Diagnosis and Treatment / T. P. Habif, Dinulos J. G. H., M. S. Chapman, K. A. Zug. - 4th ed. - Edinburgh : Elsevier, 2018. - VII, 674 p.	1	30

### 8.2. Further reading

№	Name according to bibliographic requirements	Number of copies	
		at the department	in the library
1	Graham-Brown, R. Mosby's color atlas and text of dermatology / R. Graham-Brown, J. Bourke; Graham-Brown, Robin ; Bourke Johnny. - 2nd ed. - Edinburgh : Mosby : Elsevier, 2007. - 392 с. : ил. мяг. - ISBN 978-0-7234-3364-4.	0	1

### 8.3. Electronic educational resources for teaching academic subjects

#### 8.3.1. Electronic educational resources acquired by the University

№	Name of the electronic resource	Brief description (content)	Access conditions	Number of users
1	Electronic database "Student Advisor"	Educational literature + additional materials (audio, video, interactive materials, test tasks) for higher medical and pharmaceutical education. Editions are structured by specialties and disciplines in accordance with the current Federal State Educational Standards of Higher Professional Education.	from any computer on the Internet, using an individual login and password [Electronic resource] - Access mode: <a href="http://www.studmedlib.ru/">http://www.studmedlib.ru/</a>	General subscription of PIMU
2	Electronic library system "Bukap"	Educational and scientific medical literature of Russian publishing houses, incl. translations of foreign publications.	from any computer located on the Internet by login and password, from the computers of the academy. Subscribed editions are available for reading. [Electronic resource] - Access mode: <a href="http://www.books-up.ru/">http://www.books-up.ru/</a>	General subscription of PIMU
3	"Bibliopisk"	Integrated search service "single window" for electronic catalogs,	For PIMU, access to the demo	General subscription of

		ELS and full-text databases. The results of a single search in the demo version include documents from domestic and foreign electronic libraries and databases available to the university as part of a subscription, as well as from open access databases.	version of the Bibliopisk search engine is open: <a href="http://bibliosearch.ru/pimu">http://bibliosearch.ru/pimu</a> .	PIMU
4	Domestic electronic periodicals	Periodicals on medical topics and higher education	- from the computers of the academy on the platform of the electronic library eLIBRARY.RU -magazines publishing house "Mediasphere" - from the computers of the library or provided library at the request of the user [Electronic resource] - Access mode: <a href="https://elibrary.ru/">https://elibrary.ru/</a>	General subscription of PIMU
5	International scientometric database "Web of Science Core Collection"	Web of Science covers materials on natural, technical, social, humanities; takes into account the mutual citation of publications developed and provided by Thomson Reuters; has built-in search, analysis and management of bibliographic information.	Free access from PIMU computers [Electronic resource] - Access to the resource at: <a href="http://apps.webofknowledge.com">http://apps.webofknowledge.com</a>	General subscription of PIMU

### 8.3.2 Open access resources

<i>№</i>	<i>Name of the electronic resource</i>	<i>Brief description (content)</i>	<i>Access conditions</i>
1	Federal Electronic Medical Library (FEMB)	Includes electronic analogues of printed publications and original electronic publications that have no analogues recorded on other media (dissertations, abstracts, books, magazines, etc.). [Electronic resource] - Access mode: <a href="http://neb.rf/">http://neb.rf/</a>	from any computer on the Internet
2	Scientific electronic library eLIBRARY.RU	The largest Russian information portal in the field of science, technology, medicine and education, containing abstracts and full texts of scientific articles and publications. [Electronic resource] - Access mode: <a href="https://elibrary.ru/">https://elibrary.ru/</a>	from any computer on the Internet
3	Scientific electronic library of open access CyberLeninka	Full texts of scientific articles with annotations published in scientific journals in Russia and neighboring	from any computer on the Internet

		countries. [Electronic resource] - Access mode: <a href="https://cyberleninka.r">https://cyberleninka.r</a>	
4	Russian State Library (RSL)	Abstracts for which there are copyright agreements with permission for their open publication [Electronic resource] - Access mode: <a href="http://www.rsl.ru/">http://www.rsl.ru/</a>	from any computer on the Internet
5	Reference and legal system "Consultant Plus"	Federal and regional legislation, judicial practice, financial advice, legislative comments, etc. [Electronic resource] - Access mode: <a href="http://www.consultant.ru/">http://www.consultant.ru/</a>	from any computer on the Internet
6	Official website of the Ministry of Health of the Russian Federation	National Clinical Guidelines [Electronic resource] - Access mode: <a href="http://cr.rosminzdrav.ru">cr.rosminzdrav.ru</a> - Clinical recommendations	from any computer on the Internet
7	Official website of the Russian Respiratory Society	Modern materials and clinical guidelines for the diagnosis and treatment of respiratory diseases [Electronic resource] - Access mode: <a href="http://www.spulmo.ru">www.spulmo.ru</a> - Russian Respiratory Society	from any computer on the Internet
8	Official website of the Russian Scientific Society of Therapists	Modern materials and clinical guidelines for the diagnosis and treatment of diseases of internal organs [Electronic resource] - Access mode: <a href="http://www.rnmot.ru">www.rnmot.ru</a> - Russian Scientific Society of Therapists	from any computer on the Internet

## 9. Material and technical support for mastering an academic discipline

### 9.1. List of premises for classroom activities for the discipline

1. *Lecture hall equipped with acoustic equipment and a microphone.*
2. *Rooms for practical training*
3. *Multidisciplinary accreditation and simulation center*
4. *Chambers of dermatological patients - developing bases for the department of skin and venereal diseases.*

### 9.2. List of equipment for classroom activities for the discipline

1. *Multimedia complex*
2. *Medical documentation: medical history, outpatient card*
3. *Slides and multimedia presentations of lectures.*
4. *Standardized patient*
5. *Role and business game*
6. *Printer*
7. *Scanner;*
8. *Sets of multimedia visual electronic materials on various sections of the discipline;*
9. *Video films on the diagnosis of scabies and syphilis;*
10. *Magnetic market board and colored markers.*

### 9.3. A set of licensed and freely distributed software, including domestic production

Item no.	Software	number of licenses	Type of software	Manufacturer	Number in the unified register of Russian software	Contract No. and date
1	Wtware	100	Thin Client	Kovalev	1960	2471/05-18

			Operating System	Andrey Alexandrovich		from 28.05.2018
2	MyOffice is Standard. A corporate user license for educational organizations, with no expiration date, with the right to receive updates for 1 year.	220	Office Application	LLC "NEW CLOUD TECHNOLOGIES"	283	without limitation, with the right to receive updates for 1 year.
3	LibreOffice		Office Application	The Document Foundation	Freely distributed software	
4	Windows 10 Education	700	Operating systems	Microsoft	Azure Dev Tools for Teaching Subscription	
5	Yandex. Browser		Browser	«Yandex»	3722	
6	Subscription to MS Office Pro for 170 PCs for FGBOU VO "PIMU" of the Ministry of Health of Russia	170	Office Application	Microsoft		23618/HN10030 LLC "Softline Trade" from 04.12.2020

**10. List of changes to the working program (to be filled out by the template)**

Federal State Budgetary Educational Institution of Higher Education  
"Privolzhsky Research Medical University"  
Ministry of Health of the Russian Federation  
(FSBEI HE "PRMU" of the Ministry of Health of Russia)

Department of  
*Name of the department*

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**CHANGE REGISTRATION SHEET**

working program for the academic discipline  
***NAME OF THE ACADEMIC DISCIPLINE***

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Field of study / specialty / scientific specialty: 31.05.01 GENERAL MEDICINE  
*(code, name)*

Training profile: \_\_\_\_\_  
*(name) - for master's degree programs*

Mode of study: \_\_\_\_\_  
*full-time/mixed attendance mode/extramural*

Position	Number and name of the program section	Contents of the changes made	Effective date of the changes	Contributor's signature
1				

Approved at the department meeting  
Protocol No. \_\_\_\_\_ of \_\_\_\_\_ 20\_\_

Head of the Department

\_\_\_\_\_  
department name, academic title

\_\_\_\_\_  
signature

\_\_\_\_\_  
print name