

№ ЛД-16 ИН

Federal State Budgetary Educational Institution of Higher Education  
«North-Ossetia State Medical Academy»  
of the Ministry of Healthcare of the Russian Federation



**EDUCATIONAL TRAINING PROGRAM OF DISCIPLINE**  
**"Dermatovenerology"**

the main professional educational program of higher education - specialty program in the  
specialty 31.05.01 General Medicine, approved in August 31, 2020

<u>Form of education</u>	<u>Full-time</u>
<u>The period of development</u>	<u>6</u>
<u>Department of</u>	<u>Dermatovenerology</u>

Vladikavkaz, 2020

When developing an educational training program, the discipline is based on:

1. Federal State Educational Standard of Higher Education on specialty 31.05.01 General Medicine, approved by the Ministry of Education and Science of the Russian Federation on February 9, 2016 №95

2. Academic plan on specialty 31.05.01 General Medicine,  
ЛД-16-01-16 ИИ  
ЛД-16-02-17 ИИ  
ЛД-16-03-18 ИИ  
ЛД-16-04-19 ИИ  
ЛД-16-05-20 ИИ

approved by the Scientific Council of the Federal State Budgetary Educational Institution of Higher Education «North-Ossetia State Medical Academy» of the Ministry of Healthcare of the Russian Federation “31” august 2020, Protocol № 1.

The educational training program of the discipline was approved at a meeting of the department of Dermatovenerology from "27" august 2020, Protocol №. 1

The educational training program of the discipline was approved at a meeting of the central coordinating training and methodological council from "28" august 2020, Protocol №. 3

The educational training program of the discipline was approved by the Scientific Council of the State Medical University of the Federal State Budgetary Educational Institution of Higher Education «North-Ossetia State Medical Academy» of the Ministry of Healthcare of the Russian Federation from “31” august 2020, Protocol № 1.

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## **Working program content**

1. name of the discipline;
2. the list of planned learning outcomes in the discipline, correlated with the planned learning outcomes of the educational program;
3. the indication of the place of discipline in the structure of the educational program;
4. the amount of discipline in credit units indicating the number of academic or astronomical hours allocated to the contact work of students with the teacher (by type of training) and the independent work of students;
5. the content of the discipline, structured by topics (sections) indicating the number of academic or astronomical hours allocated to them and the types of training sessions;
6. list of educational and methodological documents for independent work of students in the discipline;
7. used assessment tools for conducting intermediate certification of students in the discipline;
8. the list of basic and additional educational literature necessary for mastering the discipline;
9. the list of resources of the information and telecommunication network "Internet" (after that "Internet" network) necessary for mastering the discipline;
10. guidelines for students in the development of the discipline;
11. the list of information technologies used in the implementation of the educational process in the discipline, including a list of software and information reference systems (if necessary);
12. the description of the material and technical base necessary for the implementation of the educational process in the discipline.
13. conducting educational activities using e-learning and distance learning technologies.

**2. The list of planned learning outcomes in the discipline, correlated with the planned learning outcomes of the educational program**

№№	Number/ competency index	Competency Content	Results of mastering		
			To know	To know	To know
1	2	3	4	5	6
1.	GPC-6	Morphology of normal skin. The main pathological changes in the skin.	Anatomical and histological structure of normal skin. Physiology of the skin. The main pathological changes in the skin.	Identify pathological skin changes	Algorithm of Histological investigations
2.	GPC-6	Special dermatological research methods. Morphological elements of skin rashes.	Symptomatology of skin diseases, elements and properties of rashes.	Identify the elements of the rash and their properties. Prescribe general and local treatments, prescribe topically applied dosage forms.	Method for determining the elements of a rash.
3.	PC-5	Principles and methods of general and local therapy of dermatoses. Dermatitis, toxicoderma, eczema. Atopic dermatitis.	Principles of general and local treatment of skin diseases. Topically applied pharmacological agents. Etiopathogenesis, classification, clinic. Principles of diagnosis, treatment and prevention. Groups of vitamin, antihistamines, hyposensitizing, sedatives, corticosteroids and other drugs. General and local treatment methods.	Assess the medical history. Perform differential diagnosis with other dermatoses. Make an examination plan and prescribe treatment	The mechanisms of action of drugs of general and local action. Clinical and laboratory diagnostic methods. Prevention methods

4.	PC-6	<p>Pyoderma: etiopathogenesis, epidemiology, classification, diagnosis, treatment and prevention. Scabies, head lice.</p>	<p>Etiopathogenesis, epidemiology, classification, clinic. To carry out diagnostics, treatment and prevention. The main groups of antibacterial agents. Methods of physiotherapeutic and immunological treatment. Know the clinical manifestations and forms of scabies, head lice.</p>	<p>Conduct a differential diagnosis of various pyoderma. Evaluate the antibioticogram when sowing the discharge. Prescribe adequate treatment for various forms of pyoderma, scabies and pediculosis.</p>	<p>Methods of clinical and laboratory diagnosis, treatment. Methods for the prevention of infectious and parasitic skin diseases.</p>
5.	PC -8	<p>Psoriasis, lichen planus. Zhibera pink lichen. Diffuse connective tissue diseases (lupus erythematosus, scleroderma)</p>	<p>Etiopathogenesis, classification, clinic. Principles of diagnosis, treatment and prevention. The main groups of system and topical tools. General and local treatment methods.</p>	<p>Assess the medical history. Perform differential diagnosis with similar dermatoses. Make an examination plan and prescribe treatment.</p>	<p>Clinical and laboratory diagnostic methods. Prevention and treatment methods.</p>
6.	PC -8	<p>Viral dermatoses (herpes, warts, genital warts, molluscum contagiosum). Bubble dermatoses (herpetiform dermatosis of Dühring. Pemphigus and bullous pemphigoid).</p>	<p>Etiopathogenesis, epidemiology, classification, clinic. Principles of diagnosis, treatment and prevention. The main groups of systemic and topical antiviral, General and local treatment methods.</p>	<p>Assess the medical history. Perform differential diagnosis with other dermatoses. Take material from the blisters for further investigation. Make an examination plan and prescribe treatment.</p>	<p>Methods of clinical and laboratory diagnosis and treatment. Methods for the prevention of infectious and parasitic skin diseases.</p>

7.	PC -8	Fungal skin diseases	Etiopathogenesis, epidemiology, classification, clinic. Principles of diagnosis, treatment and prevention. The main groups of antimycotic drugs. General and local treatment methods.	Assess the medical history. Perform differential diagnosis with other similar dermatoses. Make an examination plan and prescribe treatment.	Methods of clinical and laboratory diagnosis, treatment. Prevention of fungal skin diseases.
8.	PC -8	Etiopathogenesis, epidemiology, classification, general course of syphilis. Primary and secondary periods of acquired syphilis.	Etiopathogenesis, classification, clinic. Principles of diagnosis, treatment and prevention. General and local treatment methods.	Assess the patient's epidemiological history. Conduct a differential diagnosis of syphilis. Take material for the detection of pale treponema. Draw up a survey plan and prescribe treatment.	Methods of clinical and laboratory diagnosis, treatment. Secondary prevention methods.
9.	PC -8	Tertiary, congenital and latent syphilis.	Etiopathogenesis epidemiology, classification, clinic. Principles of diagnosis, treatment and prevention. General and local treatment methods.	Assess the patient's epidemiological history. Conduct a differential diagnosis of syphilis. Take material for the detection of pale treponema. Draw up a survey plan and prescribe treatment.	Methods of clinical and laboratory diagnosis, treatment. Secondary prevention methods.
10.	PC -8	Gonorrhea and other urogenital STIs. Etiology, ways of HIV infection. Risk	Etiopathogenesis, epidemiology, classification, clinic. Principles of diagnosis, treatment	Inspect an HIV-infected patient. Identify skin markers in	Methods of clinical and laboratory diagnosis, treatment.

	groups and dermatological aspects of AIDS. STI / HIV Prevention	and prevention. Risk groups for HIV infection.	AIDS. Make a survey plan.	Personal and social prevention methods.
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### 3. The indication of the place of discipline in the structure of the educational program

The discipline «Dermatovenerology» refers to basic part of Block 1 FSES HE of specialty 31.05.01 «General medicine».

### 4. The amount of the discipline

№ № п/п	Type of work	Total credits	Total hours	Term
				10
				hours
1	2	3	4	5
<b>1</b>	<b>Contact work of students with teacher (total), including:</b>	2 CrH	72	72
2	Lectures (L)	-	20	20
3	Clinical practice (CP)	-	52	52
4	Seminars (S)	-	-	-
5	Laboratory works (LW)	-	-	-
<b>6</b>	<b>Student's independent work (SIW)</b>	1 CrH	36	36
<b>7</b>	Type of intermediate Certifications	Credit(C)	Credit	Credit
		Exam (E)		
<b>8</b>	<b>TOTAL: General labor intensity</b>	Hours		
		Credit units	3 CrH	108
			108	108

### 5. Discipline content

№	№ Of term	The name of the section of discipline	Types of educational activities (in hours)				Forms of current performance monitoring
			L	CP	SIW	Total	
1.	10	General dermatology	2	12	8	22	C, T, ST
2.	10	Particular Dermatology	8	12	10	30	C, T, ST
3.	10	Infectious, parasitic and viral skin diseases	5	10	8	23	C, T, ST
4.	10	Sexually transmitted infections	5	18	10	33	C, T, ST
<b>Total</b>			<b>20</b>	<b>52</b>	<b>36</b>	<b>108</b>	<b>Credit</b>

**Note:** C - colloquium, T - test tasks, ST - situational tasks.

## 6. The list of educational and methodological support for independent work of students in the discipline

№/п	№ семестра	Наименование учебно-методической разработки
1	10	Bazaev V.T., Belikova Z.F., Kobaidze L.M. ; "Morphological elements of the rash, the main histopathology of the skin and the scheme of writing a case history", guidelines for students of the medical, pediatric, medical-preventive and dental faculties, Vladikavkaz, 2019 <a href="http://sogma.ru/index.php?page[common]=content&amp;id=133872">http://sogma.ru/index.php?page[common]=content&amp;id=133872</a>
2	10	Bazaev V.T., Belikova Z.F., Kobaidze L.M. ; "Principles of diagnosis and treatment in dermatovenerology", guidelines, Vladikavkaz, 2019 <a href="http://sogma.ru/index.php?page[common]=content&amp;id=133874">http://sogma.ru/index.php?page[common]=content&amp;id=133874</a>
3	10	Bazaev V.T., Belikova Z.F., Kobaidze L.M. "Methodological recommendations for mastering practical skills in dermatovenerology", Vladikavkaz, 2019 <a href="http://sogma.ru/index.php?page[common]=content&amp;id=133877">http://sogma.ru/index.php?page[common]=content&amp;id=133877</a>
4	10	Bazaev V.T., Belikova Z.F., Kobaidze L.M. ; "Methodological recommendations for the implementation of extracurricular independent work of students in dermatovenerology", for students of medical, pediatric, preventive medicine and dental faculties, Vladikavkaz, 2019 <a href="http://sogma.ru/index.php?page[common]=content&amp;id=131233">http://sogma.ru/index.php?page[common]=content&amp;id=131233</a>

## 7. The fund of assessment tools for intermediate certification of students in discipline

№/п	Competency list	№ Of term	Indicator (s) assessment	Evaluation criteria (s)	Grading system	Name of FES
1	2	3	4	5	6	7
1	GPC-6 PC-5 PC -6 PC -8	10	see standard for assessing the quality of education, approved. By order of the Federal State Budgetary Educational Institution of Higher Education in NOSMA of the Ministry of Health of Russia dated 10.07.2018., №264/o	see standard for assessing the quality of education, approved. By order of the Federal State Budgetary Educational Institution of Higher Education in NOSMA of the Ministry of Health of Russia dated 10.07.2018., №264/o	see standard for assessing the quality of education, approved. By order of the Federal State Budgetary Educational Institution of Higher Education in NOSMA of the Ministry of Health of Russia dated 10.07.2018., №264/o	Exam tickets for credit; test tasks; situational tasks.



## 8. The list of basic and additional educational literature necessary for mastering the discipline

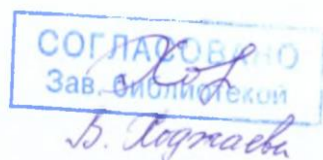
№	Наименование	Автор (ы)	Год, место издания	Кол-во экземпляров		Наименование ЭБС
				в библиотеке	на кафедре	Ссылка в ЭБС
1.	Кожные и венерические болезни: учебник	Скрипкин Ю.К., Иванов О.Л.	М.: ГЭОТАР-Медиа 2007	183	2	
2.	Кожные и венерические болезни: учебник	Скрипкин Ю.К., Кубанова А.А., Акимов В.Г.	М.: ГЭОТАР-Медиа, 2012			«Консультант студента» <a href="http://www.studmedlib.ru/ru/book/ISBN9785970419939.html?SSr=4201339e721148584b825">http://www.studmedlib.ru/ru/book/ISBN9785970419939.html?SSr=4201339e721148584b825</a>
3.	Кожные и венерические болезни: учебник	ред. О.Л. Иванов	М.: Шико 2002	32	5	
4.	Общие принципы диагностики и лечения в дерматовенерологии: учебное пособие.	В.Т. Базаев М.С. Царуева А.А. Фидаров М.Б. Цебоева О.В. Дашевская	Владикавказ, 2009	7	20	ЭБ СОГМА
5.	Дерматовенерология: учебное пособие по практическим навыкам.	В.Т. Базаев А.А. Фидаров М.Б. Цебоева М.С. Царуева В.Ф. Джанаев О.В. Дашевская	Владикавказ, 2011	4	20	ЭБ СОГМА
6.	Пиодермиты: учебно-методическое пособие	В.Т. Базаев и др.	Владикавказ, 2009	10	20	
7.	Паразитарные заболевания кожи: учебно-методическое пособие.	В.Т. Базаев и др.	Владикавказ, 2009	-	40	
8.	Трихомикозы: учебное пособие.	В.Т. Базаев и др.	Владикавказ, 2007	94	20	
9.	Аллергические заболевания кожи	В.Т. Базаев и др.	Владикавказ, 2013		36	ЭБ СОГМА
10.	Аллергические и профессиональные заболевания кожи.	В.Т. Базаев и др.	Владикавказ, 2014.	40	10	

### Дополнительная литература

№	Наименование	Автор (ы)	Год, место издания	Кол-во экземпляров		Наименование ЭБС
				в библиотеке	на кафедре	Ссылка в ЭБС

				ке	кафед ре	
1.	Дерматовенерология: учебник	ред. Е.В. Соколовский	М: Академия, 2005	1	1	
2.	Кожные и венерические болезни	Адаскевич В.П. Козин В.М.	М.: Медицинская литература; 2006	1	1	
3.	Кожные болезни. Диагностика и лечение	Томас П. Хэбиф.	МЕДпресс- информ, 2008	-	1	
4.	Секреты дерматологии.	Фитцпатрик Д.Е. Элинг Д.Л.	М: Бином, 1999	2	-	-
5.	Дерматовенерология. Атлас-справочник.	Т. Фитцпатрик и др.	М., Практика 1999.	2	1	
6.	Атлас грибковых заболеваний	ред. К.А. Кауфман	М. : ГЭОТАР- Медиа, 2010	1		
7.	03: Дерматология. Первая помощь при поражении кожи	Альбанова В.И.	М: Бином, 2011	1		
8.	Буллезный эпидермолиз	ред. Дж.-Д. Файн	М., Практика, 2014	2		
9.	Терапевтический справочник по дерматологии и аллергологии	Альтмайер П.	М.; 2003	-	1	
10.	Энциклопедический лексикон дерматовенеролога	А.А. Фидаров О.В. Дашевская В.Т. Базаев В.Т Бетров А.В. Фидаров	Владикавказ , 2012.		5	ЭБ СОГМА
11.	Клиническая дерматовенерология: руководство для врачей	Под ред. Ю.К. Скрипкина, Ю.С. Бутова.	М: ГЭОТАР- Медиа, 2009	Т.1 - 1 Т.2 - 2	2	
12.	Детская дерматология цветной атлас и справочник	ред. О.Л. Иванов, Иванов А.Н.	М.: Бином, 2011	-	1	
13.	Инфекции, передающиеся половым путем. Клинические лекции	ред. В. Н. Прилепская	М. : ГЭОТАР- Медиа, 2014	1		
14.	Неотложные состояния в дерматологии.	Адаскевич В.П.	СПб: Ольга, 2000	2		
15.	Атопический дерматит у детей	Мачарадзе Д.Ш.	М.: ГЭОТАР-	4		

			Медиа, 2007			
16.	Дерматовенерология: учебник.	В.В. Чеботарев, К.Г. Караков, Н.В. Чеботарева и др.	М.: ГЭОТАР- Медиа, 2012	-		«Консультант студента» <a href="http://www.studmedlib.ru/ru/book/ISBN9785970420942.html?SSr=4201339e721148584b825">http://www.studmedlib.ru/ru/book/ISBN9785970420942.html?SSr=4201339e721148584b825</a>
17.	Дерматовенерология: учебник.	В.В.Чеботарев, О.Б. Тамразова, Н.В. Чеботарева и др.	М.: ГЭОТАР- Медиа, 2013			«Консультант студента» <a href="http://www.studmedlib.ru/ru/book/ISBN9785970425916.html?SSr=4201339e721148584b+">http://www.studmedlib.ru/ru/book/ISBN9785970425916.html?SSr=4201339e721148584b+</a>
18.	Dermatovenerology: textbook.	V.V.Chebotare, M.S.Askhakov	GEOTAR- Media, 2020		1	



## 9. The list of resources of the information and telecommunication network "Internet" necessary for mastering the discipline

### 1. «Student's consultant»

[www.studmedlib.ru/ru/book/ISBN9785970415429.html](http://www.studmedlib.ru/ru/book/ISBN9785970415429.html)  
[www.studmedlib.ru/ru/book/ISBN9785970418406.html](http://www.studmedlib.ru/ru/book/ISBN9785970418406.html)  
[www.studmedlib.ru/ru/book/ISBN9785970410714.html](http://www.studmedlib.ru/ru/book/ISBN9785970410714.html)  
[www.studmedlib.ru/ru/book/ISBN9785970416235.html](http://www.studmedlib.ru/ru/book/ISBN9785970416235.html)

### 2. «Bulletin of Dermatology and Venereology»

e-mail: [vestnik@cnikvi.ru](mailto:vestnik@cnikvi.ru)  
[www.vestnikdv.ru](http://www.vestnikdv.ru)

## 10. Guidelines for students in the development of the discipline

Studying consists of classroom activities (72 hours) and independent work (36 hours). The main academic time is allocated to practical work on the analysis of thematic patients.

During studying process is necessary to use the recommended literature, the necessary stuff of material and technical support, Internet technology, etc., as well as to master practical skills.

Work with educational literature is considered as a type of educational work in the discipline and is performed within the hours allotted for its study. Each student is provided with access to the library funds of the department and the university.

Practical classes are conducted in the form of an oral survey and computer testing to determine the initial level of knowledge, demonstrate thematic patients and use visual aids, solve situational problems, answer test tasks and control questions, analyze clinical patients.

In accordance with the requirements of the Federal State Educational Standard, the widespread use of active and interactive forms of conducting classes (computer simulations,

business and role-playing games, analysis of specific situations, etc.) is necessary in the educational process. The proportion of classes conducted in interactive forms should be at least 10% of the classroom.

Student work in a group creates a sense of teamwork and sociability.

Independent work of students implies the development of individual competencies in the discipline under study under the supervision of a teacher and includes classroom and extracurricular forms of work: theoretical training, writing case histories and abstracts, supervision of inpatients and outpatient admissions of patients, performing individual tasks, and mastering practical skills. Independent work with patients contributes to the formation of deontological behavior, accuracy, discipline.

Work with educational literature is considered as a type of educational work in the discipline "dermatovenerology" and is carried out within the hours allotted for its study (in the section SIW).

Each student is provided with access to the library funds of the medical academy and the department.

For each section of the discipline developed guidelines for students and teachers.

For successful and fruitful teaching and mastering by students of the program on dermatovenerology, individual work of the student is preferred. Three quarters of the time of the practical lesson is allotted for this. For this, a phased scheme for conducting a practical lesson is developed and applied. First of all, the initial level of knowledge of each student in the group is assessed using tests. After that, with the help of visual aids (color photographs, slides), the clinic and the course of the disease are analyzed on this topic. At the next stage of training, each student is invited to make a diagnosis using a color photograph or a slide of the patient, and then a photo task with a description of the legend. In this task, he should describe the local status, make a presumptive diagnosis, make a differential diagnosis, if necessary, propose additional examination methods, formulate a complete final diagnosis with its justification and draw up a treatment plan, and propose preventive measures with its justification. There is a demonstration of patients on the topic of the lesson, students master the skills necessary for making a diagnosis. When analyzing each topic, situational clinical problems are solved and points are set, which is the motivation for the successful development of a specialty.

At the final stage, students write tests, demonstrate the development of practical skills. The final grade is the total points for all classes plus points for the final lesson.

Various types of educational work, including the student's independent work, contribute to the mastery of a culture of thinking, the ability to logically formulate its results in written and oral speech; readiness to form a systematic approach to the analysis of medical information, the perception of innovation; form the ability and readiness for self-improvement and self-realization.

Questions on the subject of "dermatovenerology" are included in the final state certification of graduates.

## **11. The list of information technologies used in the implementation of the educational process in the discipline**

The educational technologies used in the study of this discipline account for about 15% of interactive lessons from the volume of classroom studies.

Types of educational technology:

- imitational:
  - a) non-game simulation technology: contextual learning
  - б) gaming simulation technology: role-playing business games
- non-imitational technologies: problem lecture, lecture - conversation

Contextual training is carried out throughout the entire period of teaching the discipline, especially during the SIW under the supervision of the teacher - knowledge, skills are not given as a subject for memorization, but as a means of solving professional problems.

Term	Type of work L, PC,S	Educational technology used (active, interactive)	Amount of hours	% of interactive lessons	Software list
10	L	Presentations for all lectures	20		PowerPoint;
10	RC	A set of questions and tasks for a practical lesson, situational tasks	52	15	Microsoft Office
10	S	Questions and tasks on the topics of independent work	36		Microsoft Office

## 12. Description of the material and technical base necessary for the implementation of the educational process in the discipline

As the material and technical base of the department are presented FSBEI HE SOGMA of the Ministry of Health of Russia and GBUZ SORKVD.

The total area of the training base at the department for students is – 477 m<sup>2</sup>, including 350 m<sup>2</sup> lecture hall with 125 seats, 3 study rooms for practical classes -72 m<sup>2</sup>, computer room 18.6 m<sup>2</sup>, assistant room - 18.6 m<sup>2</sup> and assistant professor - 18.6 m<sup>2</sup>.

All classrooms are in satisfactory condition, have classrooms and are equipped with a sufficient number of desks and chairs.

№/ п	Name of equipment	Ammounr	Technical condition
1	2	3	4
<b>Special equipment</b>			
1.	Computer	5	outdated
2.	Laptop	1	good
3.	Multimedia projector	1	good

4.	Printer	2	satisfactory
<b>Tables</b>			
5.	Thematic tables	40	Replacement is needed

### **13. Conducting educational activities using e-learning and distance learning technologies**

In the context of the introduction of restrictive measures (quarantine) associated with an unfavorable epidemiological situation, the threat of the spread of a new coronavirus infection and other force majeure events that do not allow full-time training, it is possible to study this discipline or part of it using e-learning and distance educational technologies.

Teaching the discipline in the above situations will be carried out through the development of an electronic course with access to video lectures and interactive course materials: presentations, articles, additional materials, tests and various tasks. When conducting training sessions, monitoring progress, as well as intermediate certification of students, platforms of the electronic information and educational environment of the academy and / or other e-learning systems recommended for use in the academy, such as Moodle , Zoom, Webinar , etc.

Lectures can be presented in the form of audio, video, "live lectures", etc. Conducting seminars and workshops is possible on-line in both synchronous and asynchronous modes. Seminars can be held in the form of web- conferences.