

The Peoples' Friendship University of Russia

Institute of Medicine

Recommended by MCCH

Training and methodology complex

Course name:

DERMATOVENEREOLOGY

Recommended for the direction of training (specialty):

31.05.03 DENTISTRY

Program (profile, specialization):

DENTISTRY

1. Aims and objectives of discipline: familiarization of the student with the main skin and venereal diseases, studying of their structure, the definition of their place and role in the structure of morbidity.

2. Place of discipline in the structure of OP HE: general professional disciplines: required knowledge in anatomy, biology, general genetics, biochemistry, normal physiology; this discipline is prior to the study of phthisiology, obstetrics and gynecology, oncology and radiation therapy.

The previous and subsequent disciplines are aimed at the formation of competencies

№	Code and name of the competence	Previous disciplines	Subsequent disciplines (groups of disciplines)
General competences			
1	GPC-5. Able to conduct a patient examination in order to establish a diagnosis when solving professional tasks	anatomy, histology, pathological anatomy, physiology, pathological physiology	Epidemiology, clinical dentistry gerontostomatology and diseases of the oral mucosa
2	GPC-6. Able to prescribe, monitor the effectiveness and safety of non-drug and drug treatment in solving professional problems	anatomy, histology, pathological anatomy, physiology, pathological physiology	Epidemiology, clinical dentistry gerontostomatology and diseases of the oral mucosa

3. Requirements for the results of mastering the discipline. The process of studying the discipline is aimed at the formation of the following competencies:

Competencies	Name of competencies	Indicators of competence achievement
GPC-5	Able to conduct a patient examination in order to establish a diagnosis when solving professional tasks	<p>GPC-5.1. Collects anamnesis by analyzing the patient's complaints, conducting a physical examination at a dental appointment.</p> <p>GPC-5.2. Formulates a preliminary diagnosis and draw up a plan for laboratory and instrumental examinations of a dental patient.</p> <p>GPC-5.3. Prepares medical documentation for a dental patient in accordance with regulatory requirements.</p> <p>GPC-5.4. In the presence of medical indications refers the patient for laboratory examination in accordance with the current procedures for the provision of medical care, clinical recommendations (treatment protocols) taking into account the standards of dental care.</p> <p>GPC-5.5. In the presence of medical indications refers the patient for an instrumental examination in accordance</p>

		<p>with the current procedures for the provision of medical care, clinical recommendations (treatment protocols) taking into account the standards of dental care.</p>
		<p>GPC-5.6. In the presence of medical indications refers the patient for consultations with specialist doctors in accordance with the current procedures for the provision of medical care, clinical recommendations (treatment protocols) taking into account the standards of dental care.</p>
		<p>GPC-5.7. In the presence of medical indications sends a patient for specialized medical care to a hospital or day hospital in accordance with the current procedures for the provision of medical care, clinical recommendations (treatment protocols) and the standards the provision of dental care.</p>
		<p>GPC-5.8. Carries out differential diagnostics with other diseases/conditions, including urgent ones.</p>
		<p>GPC-5.9. Establishes a diagnosis based on the current international statistical classification of diseases and health problems (ICD).</p>
<p>GPC - 6</p>	<p>Able to prescribe, monitor the effectiveness and safety of non-drug and drug treatment in solving professional problems</p>	<p>GPC-6.1. Develops a plan for the treatment of a dental disease, taking into account the diagnosis, age and clinical picture in accordance with the current procedures for the provision of medical care, clinical recommendations (treatment protocols) taking into account the standards of medical care.</p>
		<p>GPC-6.2. Selects medical devices (including dental materials) for drawing up a comprehensive plan for the treatment of dental diseases. Monitoring the further course of the patient's treatment.</p>
		<p>GPC-6.3. Assesses possible side effects from taking medications.</p>
		<p>GPC-6.4. Provides urgent or emergency medical care to a dental patient.</p>
		<p>GPC-6.5. Organizes the prevention and treatment of complications, side effects, undesirable reactions, including unforeseen ones, arising from diagnostic or therapeutic manipulations, the use of</p>

		drugs and (or) medical devices, non-drug treatment at a dental appointment.
		GPC-6.6. Organizes personalized treatment of a dental patient, including elderly and senile patients, pregnant women, children with somatic pathologies, assesses the effectiveness and safety of treatment.
		GPC-6.7. Taking into account the diagnosis, age and clinical picture, prescribes drugs, medical devices in accordance with the current procedures for the provision of medical care, clinical recommendations (treatment protocols) taking into account the standards of medical care.
		GPC-6.8. Taking into account the diagnosis, age and clinical picture, prescribes non-drug treatment in accordance with the current procedures for the provision of medical care, clinical recommendations (treatment protocols) taking into account the standards of medical care.
		GPC-6.9. Evaluates the effectiveness and safety of the use of drugs, medical devices and other methods of treatment at a dental appointment.

As a result of study of discipline a student must:

Know:

- anatomy, physiology, histology and histopathology of the skin;
- classification, morphology and physiology of microorganisms and viruses, their effect on human's health, methods of microbiological diagnosis, using of basic antibacterial, antiviral and biological preparations;
- epidemic process and non-infectious epidemiology, epidemiology of infectious and parasitic skin diseases;
- etiology, pathogenesis and prevention measures for the most common skin and venereal diseases, their current classification;
- clinical manifestation, peculiarities of the course and possible complications of the most common dermatovenerological conditions occurring in typical form in different age groups;
- methods of diagnosis of the skin and venereal diseases;
- treatment methods for skin and venereal diseases and indications for their use.

Be handy at:

- using of educational, scientific, popular science literature, the Internet for professional activities;
- working with magnifying technology (microscopes, optical and simple magnifying glasses);
- writing prescriptions for medicines, use different dosage forms for certain pathological

conditions;

- using of basic antibacterial, antiviral and biological preparations;
 - to diagnose the causative agents of parasitic diseases of a person on the preparation, slide, photos;
 - substantiating the principles of pathogenetic therapy of the most common skin and venereal diseases;
 - interpreting the results of the main diagnostic allergological tests;
 - determining the patient's status: collect anamnesis, conduct a patient survey, conduct a physical examination of the patient, assess the patient's condition to make a decision about the need for medical care; conduct an initial examination of the skin
 - formulating a clinical diagnosis;
 - developing a plan of therapeutic action, taking into account the course of the disease and its treatment;
 - formulating indications for the chosen method of treatment, taking into account etiotropic and pathogenetic agents, to determine the route of administration, the regimen and dose of drugs,
 - filling out a medical history,
 - writing a prescription.
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- microscopic skills,
 - skills of making a preliminary diagnosis,
 - the skill of comparing morphological and clinical manifestations of diseases;
 - skills of using drugs in the treatment, rehabilitation and prevention of various skin and venereal diseases and pathological conditions;
 - proper maintenance of medical records;
 - methods of general clinical examination;
 - interpretation of the results of laboratory, instrumental diagnostic methods;
 - algorithm of the developed clinical diagnosis;
 - the main medical diagnostic and therapeutic measures used in dermatology and venereology.

4. The scope of the discipline and types of academic work. The total labor intensity of the discipline "Dermatovenerology" is 3 credits (108 hours).

	Type of study work	Total hours	Semesters			
			8			
1.	Classroom classes (total)	68	68	-	-	-
1.1	<i>Practical exercises</i>	62	62	-	-	-
1.2	<i>Other types (tests) (testing in TUIS)</i>	6	6			
2.	Independent work (total)	480	40	-	-	-
2.1	<i>Essay (medical history)</i>	10	10			
2.2	<i>Independent work on the proposed topics</i>	30	30			
3.	Total labor intensity (hours)	108	108	-	-	-
	<i>Total labor intensity (credits)</i>	3	3	-	-	-

5. Content of the discipline

5.1. The content of the discipline sections

№	Name of the section of discipline	Contents of the section
1.	General dermatology	1. ANATOMY, PHYSIOLOGY, HISTOLOGY OF THE SKIN AND ORAL MUCOSA. 2. ELEMENTS OF RASH. 3. METHOD OF EXAMINATION OF DERMATOLOGICAL PATIENT. 3. GENERAL PRINCIPLES OF DIAGNOSTICS AND TREATMENT OF DERMATOLOGICAL PATIENTS. METHODS OF EXTERNAL TREATMENT.
2.	Special dermatology	1. INFECTIOUS AND PARASITIC DISEASES OF THE SKIN. 2. MUCOSAL DISEASES: LICHEN PLANUS, LUPUS ERYTHEMATOSUS, PEMPHIGUS. 3. DERMATITIS, ECZEMA, TOXICODERMA. 4. QUINCKE'S EDEMA. 5. VIRAL SKIN DISEASES. 6. CHEILITES. 7. PRECANCEROUS CONDITIONS OF LIPS. ROSSOLIMO-MELKERSSON-ROSENTHAL SYNDROME. 8. MULTIFORM EXUDATIVE ERYTHEMA. 9. CANDIDIASIS
3.	1. Venereology.	1. SYPHILIS. 2. GONORRHEA.

5.2. Sections of disciplines and types of classes

№	Name of the section of discipline	L	Practical exercises and laboratory work			S	IW	Total hours
			PC	LR	IF			
1.	General dermatology	-	7	-	-		4	11
2.	Special dermatology	-	32	-	-		12	44
3	Venerology	-	23	-	-		14	37
	<i>Essay (medical history)</i>						10	10
	<i>Tests (testing in TUIS)</i>		6					6
	Total		68				40	108

6. Laboratory practice

№	№ discipline section	Subject of a practical training (seminars)	Workload (hours)
1	General dermatology	Anatomy and physiology of the skin. Primary and secondary elements of the rash. Principles of general and local treatment.	7
2	Special dermatology	Pyoderma. Scabies. Lice	6

	Special dermatology	Dermatitis. Eczema. Toxicoderma. Quincke edema.	7
	Special dermatology	Heilites. Precancerous diseases of the lips. Rossolimo-Melkersson-Rosenthal syndrome.	6
	Special dermatology	Erythema exudative multiforme. Viral dermatoses	6
	Special dermatology	Diseases of the oral mucosa (Lichen planus, lupus erythematosus. pemphigus).	7
3	Venerology	The general course of syphilis. Primary and secondary syphilis	8
	Venerology	Tertiary and congenital syphilis. Principles of diagnosis and treatment of syphilis	8
	Venerology	Gonorrhea. Mucosal candidiasis.	7
		<i>Tests (testing in TUIS)</i>	6
		Total	68

7. Practical training (*not provided*)

8. Material and technical support of the discipline:

- Training classes (2 pcs), a conference room equipped with multimedia projectors, personal computers.
- Computer classes of the medical faculty, information library center of RUDN with access to the electronic library system of RUDN, Internet.
- Educational posters, models and tables.
- A set of videos (CD, DVD), multimedia presentations.

9. Information support of the discipline:

a) Software:

- (Microsoft Subscription) Enrollment for Education Solutions №86626883 from 01.04.2015.
- Windows 10 corporate with long-term service, version 1607, product code 00378-20000-00003-AA938.
- DVD-film "Syphilis",
- an atlas of dermatology

b) Databases and search engines:

EBS RUDN and third-party EBS, to which university students have access on the basis of concluded contracts:

- * Electronic library system of RUDN – EBS RUDN <http://lib.rudn.ru/MegaPro/Web>
- * EBS "University Library online" <http://www.biblioclub.ru>
- * EBS Yurayt <http://www.biblio-online.ru>
- * EBS "Student Consultant" www.studentlibrary.ru
- * EBS "Lan" <http://e.lanbook.com/>

2. Databases and search engines:

- <http://www.dermarf.ru> -website of the chief freelance specialist in Dermatovenerology and Cosmetology of the Ministry of Health of the Russian Federation, Director of the Moscow Scientific and Practical Center of Dermatovenerology and Cosmetology of the Moscow City Health Department, Head of the Department of Skin Diseases and Cosmetology of the N. I. Pirogov Russian National Research Medical University of the Ministry of Health of the Russian Federation, MD, Professor N. N. Potekaev.
- <http://lib.rudn.ru> - Electronic library system of RUDN-EBS RUDN;
- <http://www.dermoscopy-ids.org> - website of the International Society of Dermatologists;

- <https://www.ncbi.nlm.nih.gov/pubmed> – a database of medical and biological publications created by the National Center for Biotechnology Information (NCBI) based on the section "Biotechnology" of the US National Library of Medicine (NLM);
- <https://elibrary.ru/defaultx.asp> - scientific electronic library, the largest Russian information and analytical portal in the field of science, technology, medicine and education;
- <https://www.mediasphera.ru/journal/klinicheskaya-dermatologiya-i-venerologiya> - journal of Clinical Dermatology and Venereology;
- <http://www.rusvrach.ru> - Website of the Russian Doctor Publishing House, a professional portal for Russian doctors;
- <http://www.scsml.rssi.ru> - Central Scientific Medical Library;
- <http://www.elsevier.com/about/open-access/open-archives> - Elsevier Electronic Magazine Library.

2. Базы данных и поисковые системы:

- <http://www.dermarf.ru> - сайт главного внештатного специалиста по дерматовенерологии и косметологии Минздрава России, директора ГБУЗ «Московский научно-практический центр дерматовенерологии и косметологии» Департамента здравоохранения города Москвы, заведующего кафедрой кожных болезней и косметологии ГБОУ ВПО «РНИМУ им. Н.И. Пирогова Минздрава России», д.м.н., профессора Потеева Н.Н.
- <http://lib.rudn.ru> - Электронно-библиотечная система РУДН – ЭБС РУДН;
- <http://www.dermoscopy-ids.org> – сайт Международного общества дерматологов;
- <https://www.ncbi.nlm.nih.gov/pubmed> – база данных медицинских и биологических публикаций, созданная Национальным центром биотехнологической информации (NCBI) на основе раздела «биотехнология» Национальной медицинской библиотеки США (NLM);
- <https://elibrary.ru/defaultx.asp> – научная электронная библиотека, крупнейший российский информационно-аналитический портал в области науки, технологии, медицины и образования;
- <https://www.mediasphera.ru/journal/klinicheskaya-dermatologiya-i-venerologiya> – журнал Клиническая дерматология и венерология;
- <http://www.rusvrach.ru> – Сайт ИД Русский врач, профессиональный портал для российских врачей;
- <http://www.scsml.rssi.ru> – Центральная научная медицинская библиотека;
- <http://www.elsevier.com/about/open-access/open-archives> - Библиотека электронных журналов Elsevier.

10. Educational and methodical support of the discipline:

1. Main literature:

1. Skripkin Yu.K., Kubanova A.A., Akimov V.G. Skin and sexually transmitted diseases: A textbook for students of medical universities. – Moscow: "GEOTAR-Media". - 2012. <http://www.studmedlib.ru/book/ISBN9785970419939.html>
2. Dermatovenerology: textbook. V. V. Chebotarev, 2nd edition, revised and supplemented, - Moscow:GEOTAR-Media, 2020. - 304s. ill. ISBN 978-5-9704-5291-2. Dermatovenerology. Atlas: manual / A. N. Platonova, A. L. Bakulev, S. R. Utts. - M.: GEOTAR-Media, 2017. - 136 p.
3. Berk K. Diseases of the mucous membrane of the oral cavity and lips. Clinic, diagnosis and treatment. Atlas and manual. Trans. from German-M.: Med. lit., 2020. - 448 p. ISBN 978-5-91803-005-9

2. Additional literature:

1. Fitzpatrick's dermatology in clinical practice: in 3 volumes / L. A. Goldsmith, S. I. Katz, B. A. Gilcrest, etc.; trans. from English; general ed. by N. N. Potekaeva, A. N. Lvova. - 2nd Ed., Spanish, translated, additional – Moscow, Panfilov Publishing House, 2015-2018.

2. 555 diseases of the mucous membrane of the mouth, tongue and lips. /L. M. Tsepov, E. L. Tsepova, A. L. Tsepov. - 3rd ed. - Moscow: MEDpress-inform, 2015. - 224s. ISBN 978-5-00030-225-5
3. Potekaev N. S., Potekaev N. N., Lviv A. N. Recognition of skin diseases. Moscow: MDV Group, 2016. -120 p.
4. Dermatovenerology. Multi-level tasks for the formation of clinical thinking: a textbook/ M. S. Askhakov. - Moscow, GEOTAR-Media, 2018. - 160 p. ISBN 978-5-9704-4663-8
5. Dermatovenerology: textbook for students of institutions of higher professional medicine. education / E. V. Sokolovsky, G. N. Mikheev, T. V. Krasnoselskikh [et al.]; ed. by E. V. Sokolovsky. - Saint-Petersburg: SpetsLit, 2017. - 687 p.: tsv. il.
6. Butov, Yu. S. Dermatovenerology. National leadership. Brief edition / edited by Yu. S. Butov, Yu. K. Skripkin, O. L. Ivanov. - Moscow: GEOTAR-Media, 2020. - 896 p. Access mode: <https://www.rosmedlib.ru/book/ISBN9785970457085.html>

11. Guidelines for students on the development of the discipline (module)

Students are required to attend classes, complete teacher assignments, familiarize themselves with recommended literature, etc. When assessing a student, the quality of work in the classroom, the level of preparation for independent activities in the chosen field, the quality of the teacher's assignments, and the ability to independently study the material are assessed.

At practical classes in the classrooms, the relevant topics are analyzed using multimedia technology (computer, projector).

Independent work in extracurricular hours can take place both in the classrooms of the department and the computer classroom, where students can study the material on presentations prepared by the department teachers, as well as on computer tests.

Extracurricular independent work includes: studying of the material on the textbook, textbooks on paper and electronic media; preparation of abstract messages on the chosen topic; preparation for the performance of tests and tests.

12. Evaluation for conducting intermediate certification of students in the discipline «Dermatovenerology»

Materials for assessing the level of development of educational material of the discipline "Dermatovenerology" (evaluation materials), including a list of competencies indicating the stages of their formation, a description of indicators and criteria for evaluating competencies at various stages of their formation, a description of assessment scales, standard control tasks or other materials necessary for evaluating knowledge, skills, skills and (or) experience of activities that characterize the stages of competence formation in the process of mastering the educational program, methodological materials that define the procedures for evaluating knowledge, skills, skills and (or) work experience that characterize the stages of competence formation are developed and are available to students on the discipline page in the TUIS.

The program is compiled in accordance with the requirements of the FGOS VO.

Developers:

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