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**Federal State Autonomous Educational Institution of Higher Education
PEOPLES' FRIENDSHIP UNIVERSITY OF RUSSIA
RUDN University**

Institute of Medicine

educational division (faculty/institute/academy) as higher education programme developer

COURSE SYLLABUS

Dermatovenerology

course title

Recommended by the Didactic Council for the Education Field of:

31.05.01 General Medicine

field of studies / speciality code and title

The course instruction is implemented within the professional education programme of higher education:

General Medicine

higher education programme profile/specialisation title

2022-2023

1. COURSE GOAL(s)

The goal of the course “Dermatovenerology” is to equip students with knowledge, skills, and abilities to operate as a general practitioner (family doctor) based on the knowledge they have gained about the etiology, pathogenesis, classification, clinical manifestations, diagnosis and principles of treatment of the most common dermatoses and sexually transmitted infections (STIs).

2. REQUIREMENTS FOR LEARNING OUTCOMES

Mastering the course (module) “Dermatovenerology” is aimed at the development of the following competences /competences in part: **General Professional Competences (GPC) -5 (5.1 -5.3), GPC – 7 (7.1, 7.2), Specialized Professional Competences (SPC) – 1 (1.1 – 1.6), SPC – 2 (2.1 – 2.7), SPC – 3 (3.1 – 3.6).**

Table 2.1. List of competences that students acquire through the course study

Competence code	Competence descriptor	Competence formation indicators (within this course)
GPC - 5	Is able to assess morphofunctional, physiological conditions and pathological processes in the human body to solve professional tasks	GPC-5.1 Know and apply the algorithm of clinical and functional diagnostics when solving professional tasks.
		GPC-5.2 Be able to evaluate the results of clinical, laboratory and functional diagnostics when solving professional tasks.
		GPC-5.3 Be able to determine morphofunctional, physiological conditions and pathological processes
GPC - 7	Is able to prescribe treatment and monitor its efficacy and safety	GPC-7.1 Know and apply the methods of general clinical examination, interpretation of laboratory results, instrumental diagnostic methods.
		GPC-7.2 Know and apply the algorithm for making a preliminary diagnosis with the subsequent referral of the patient to the appropriate specialists
SPC - 1	Is able to provide urgent or emergency medical care to a patient	SPC-1.1. Be able to assess the condition of a patient requiring urgent or emergency medical care

		<p>SPC-1.2. Be able to recognize conditions arising from sudden acute diseases, exacerbation of chronic diseases without obvious signs of a threat to the patient's life and requiring emergency medical care.</p> <p>SPC -1.3. Be able to provide emergency medical care to patients with sudden acute diseases, conditions, exacerbation of chronic diseases without obvious signs of a threat to the patient's life.</p>
		<p>SPC-1.4. Be able to recognize conditions that pose a threat to the patient's life, including conditions of clinical death (cessation of vital functions of the human body (blood circulation and / or respiration), requiring emergency medical care.</p>
		<p>SPC-1.5 Be able to provide emergency medical care to patients in conditions that pose a threat to the patient's life, including clinical death (stopping the vital functions of the human body (blood circulation and / or respiration).</p>
		<p>SPC-1.6. Be able to use medicines and medical devices in the provision of emergency or urgent medical care.</p>
<p>SPC – 2</p>	<p>Is able to carry out examination of the patient to establish the diagnosis</p>	<p>SPC-2.1. Have the skills to collect complaints, anamnesis of life and illness of the patient, as well as conduct a complete physical examination of the patient (examination, palpation, percussion, auscultation).</p>

		<p>SPC-2.2. Be able to formulate a preliminary diagnosis and draw up a plan for laboratory and instrumental examinations of the patient.</p>
		<p>SPC-2.3. In the presence of medical indications able to direct a patient for laboratory examination in accordance with the current procedures for the provision of medical care, clinical recommendations (treatment protocols) and the standards the provision of medical care.</p>
		<p>SPC-2.4. In the presence of medical indications be able to direct a patient for instrumental examination in accordance with the current procedures for the provision of medical care, clinical recommendations (treatment protocols) and the standards the provision of medical care.</p>
		<p>SPC-2.5. Be able to direct a patient for consultation to specialist doctors if there is a medical indication in accordance with the current procedures for the provision of medical care, clinical recommendations (treatment protocols) and the standards the provision of medical care.</p>
		<p>SPC-2.6. In the presence of medical indications, to be able to direct 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 medical care.</p>
		<p>SPC-2.7. Be able to carry out differential diagnostics with other diseases/conditions, including urgent ones, as well as to establish a diagnosis considering the current international statistical classification of diseases and problems related to health (ICD).</p>

SPC - 3	Is able to prescribe treatment and monitor its effectiveness and safety	SPC-3.1. Be able to develop a treatment plan for a disease or condition, considering the diagnosis, age, and clinical picture accordance with the current procedures for the provision of medical care, clinical recommendations (treatment protocols) and the standards the provision of medical care.
		SPC-3.2. Be able to prescribe drugs, medical devices, and medical nutrition, considering the diagnosis, age and clinical picture of the disease and in accordance with the current procedures for the provision of medical care, clinical recommendations (treatment protocols) and the standards the provision of medical care.
		SPC-3.3. Be able to prescribe non-drug treatment, considering the diagnosis, age, and clinical picture of the disease in accordance with the current procedures for the provision of medical care, clinical recommendations (treatment protocols) and the standards the provision of medical care.
		SPC-3.4. Be able to assess the efficacy and safety of drugs, medical devices, medical nutrition, and other methods of treatment.
		SPC-3.5. Be able to provide palliative care in collaboration with specialist doctors and other healthcare professionals.
		SPC-3.6. Be able to organize personalized treatment for a patient, including pregnant women, elderly, and senile patients, and assess the effectiveness and safety of treatment.

3. COURSE IN HIGHER EDUCATION PROGRAMME STRUCTURE

The course refers to the core/variable/elective* component of (B1) block of the higher educational programme curriculum.

* - Underline whatever applicable.

Within the higher education programme students also master other (modules) and / or internships that contribute to the achievement of the expected learning outcomes as results of the course study.

Table 3.1. The list of the higher education programme components/disciplines that contribute to the achievement of the expected learning outcomes as the course study results

Competence code	Competence descriptor	Previous courses/modules*	Subsequent courses/modules*
GPC - 5	Is able to assess morphofunctional, physiological and pathological processes in the human body to solve professional tasks	Biochemistry, Anatomy, Histology, Embryology, Cytology, Normal Physiology, General Surgery, Topographic Anatomy and Operative Surgery	Neurology, Medical Genetics, Neurosurgery, Forensic Medicine, Faculty Therapy, Occupational Diseases, Hospital Therapy, Hospital Surgery, Pediatric Surgery, Obstetrics and Gynecology, Medical Elementology
GPC - 7	Is able to prescribe treatment and monitor its efficacy and safety	Physics, General surgery	Neurology, Medical Genetics, Neurosurgery, Traumatology, Otorhinolaryngology, Faculty Surgery, Polyclinic Therapy, Hospital Surgery, Pediatric Surgery, Orthopedics, Medical Elementology. Practice: general practitioner practices: outpatient physician assistant
SPC - 1	Is able to provide urgent or emergency medical care to a patient	Life safety, Immunology, General surgery, Topographic anatomy and operative surgery. Practices: introductory practice on obtaining primary professional skills: care (simulation center), introductory practice on obtaining primary professional skills: care	Neurology, Medical Genetics, Neurosurgery, Faculty Surgery, Hospital Therapy, Endocrinology, Outpatient Therapy, Hospital Surgery, Pediatric Surgery, Allergology. Practice: practice of a surgical profile: assistant to a surgeon; practice of a therapeutic profile: assistant to a general practitioner; general practitioner practices: outpatient physician assistant
SPC - 2	Is able to carry out examination of the patient to establish the diagnosis	Physics, General surgery	Neurology, Medical Genetics, Neurosurgery, Otorhinolaryngology, Faculty Surgery, Occupational Diseases, Hospital Therapy,

Competence code	Competence descriptor	Previous courses/modules*	Subsequent courses/modules*
			Endocrinology, Polyclinic Therapy, Hospital Surgery, Pediatric Surgery, Dentistry, Obstetrics and Gynecology, Pediatrics, Section Course, Medical Elementology, Neonatology, Basics of Pediatric Nutrition. Practice: practice of a surgical profile: assistant to a surgeon; practice of a therapeutic profile: assistant to a general practitioner; general practitioner practices: outpatient physician assistant
SPC - 3	Is able to prescribe treatment and monitor its effectiveness and safety	Physics, General surgery	Neurology, Medical Genetics, Neurosurgery, Pediatrics, Otorhinolaryngology, Faculty Surgery, Occupational Diseases, Hospital Therapy, Endocrinology, Outpatient Therapy, Hospital Surgery, Pediatric Surgery, Obstetrics and Gynecology, Neonatology, Biotechnology, Basics of Pediatric Nutrition. Practice: practice of a surgical profile: assistant to a surgeon; practice of a therapeutic profile: assistant to a general practitioner; general practitioner practices: outpatient physician assistant

4. COURSE WORKLOAD AND ACADEMIC ACTIVITIES

The total workload of the course “Dermatovenerology” is 3 credits (108 academic hours).

*Table 4.1. Types of academic activities during the periods of higher education programme mastering (full-time training)**

Type of academic activities		Total academic hours	Semesters/training modules
			7
<i>Contact academic hours</i>		72	72
<i>including:</i>			
Lectures (LC)			
Lab work (LW)			
Seminars (workshops/tutorials) (S)		72	72
<i>Self-studies</i>		36	36
<i>Evaluation and assessment (exam/passing/failing grade)</i>		6	6
Course workload	academic hours_	108	108
	credits	3	3

5. COURSE CONTENTS

Table 5.1. Course contents and academic activities types

Course module title	Course module contents (topics)	Academic activities types
Module 1. General dermatology	1.1. Skin anatomy, physiology, and histology	S, SS
	1.2. Elements of rash	S, SS
	1.3. Methods of examination of dermatological patient	S, SS
	1.4. General principles of diagnostics and treatment of dermatological patients. Methods of external treatment	S, SS
Module 2. Particular dermatology	2.1. Infectious and parasitic diseases of the skin	S, SS
	2.2. Psoriasis	S, SS
	2.3. Lichen planus, pityriasis rosea	S, SS
	2.4. Dermatitis, eczema, toxicodermia	S, SS
	2.5. Quincke edema, urticaria	S, SS
	2.6. Bullous diseases of the skin	S, SS
	2.7. Stevens-Johnson's syndrome and Lyell's syndrome	S, SS
	2.8. Erythema exudative multiforme	S, SS
	2.9. Lupus erythematosus	S, SS
Module 3. Venerology	3.1. Syphilis	S, SS
	3.2. Gonorrhoea	S, SS

* - to be filled in only for **full**-time training: *LC* - lectures; *LW* - lab work; *S* – seminar; *S-s* – Self-studies .

6. CLASSROOM EQUIPMENT AND TECHNOLOGY SUPPORT REQUIREMENTS

Table 6.1. Classroom equipment and technology support requirements

Type of academic activities	Classroom equipment	Specialised educational / laboratory equipment, software, and materials for course study (if necessary)
Seminar	Classroom for seminars, group and individual consultations, current and intermediate control, equipped with a set of specialized furniture and technical means for multimedia presentations	A set of specialized furniture; whiteboard; a set of devices includes portable multimedia projector EPSON H719B, laptop ASUS, LENOVO B50-10, projection screen, stable wireless Internet connection. Software: Microsoft Windows, MS Office / Office 365, MS Teams, Chrome (latest stable release), Skype; stands, visual materials, wax model collection of skin diseases
Computer Lab	Computer Lab for seminars, group and individual consultations, current and intermediate control, equipped with personal computers (3 pieces), screen/ whiteboard and technical means for multimedia presentations	A set of specialized furniture; a set of devices includes portable multimedia projector EPSON H719B, laptop ASUS, LENOVO B50-10, projection screen, stable wireless Internet connection. Software: Microsoft Windows, MS Office / Office 365, MS Teams, Chrome (latest stable release), Skype; stands, visual materials, wax model collection of skin diseases
Self-studies	Self-studies classroom (can be used for seminars and consultations), equipped with a set of specialized furniture and computers with access to learning toolkits for self- studies in the RUDN LMS TUIS and electronic libraries with access for RUDN students	

7. RESOURCES RECOMMENDED FOR COURSE STUDY

Main readings:

1. Chebotarev V.V., Askhakov M.S. Dermatovenerology. Textbook. M.: GEOTAR-Media, 2020. - 640 pp.
2. Tishchenko L.D., Goussous Jareer S.N. General Dermatology & Venereology Practical Textbook: Practical Outlines for English medium students of the Faculty of Medicine [Electronic resource]- Moscow: "Izdatel'stvo RUDN". – 2012.
3. Dermatovenerology. Atlas: textbook / A. N. Platonova, A. L. Bakulev, S. R. Utts. - M.: GEOTAR-Media, 2017. - 136 p.: ill.;

Additional readings:

1. James G. Marks Jr. MD, Jeffrey J. Miller MD. *Lookingbill and Marks' Principles of Dermatology*. – 6th edn. "Elsevier". – 2019.
2. Zudin B.I. Skin and venereal diseases [Electronic resource]: A textbook for medical schools and colleges / B.I. Zudin, N.G. Kochergin, A.B. Zudin. - 2nd edn. - Moscow: "GEOTAR-Media". – 2016.
3. Wolff, Klaus, Richard Allen Johnson, Dick Suurmond, and Thomas B. Fitzpatrick. *Fitzpatrick's Color Atlas and Synopsis of Clinical Dermatology*, 8TH. ed. New York: McGraw-Hill Medical Pub. Division. - 2017.
4. Gawkrödger D.J., Ardern-Jones M.R. *Dermatology: An Illustrated Colour Text*, 5th edn.- Oxford: "Churchill Livingstone". - 2012.
5. Habib T.P., Campbel J. L., Chapman S. M., et. al. *Skin Disease: Diagnosis and Treatment*, 3rd edition. – London: "Elsevier". – 2011.
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>;

c) Software:

1. Microsoft Subscription - Enrollment for Education Solutions №86626883 from 01.04.2015
2. Windows 10 corporate with long-term service, version 1607, product code 00378-20000-00003-AA938
3. DVD-film "Syphilis";

d) Internet sources:

1. Electronic fund of legal and regulatory and technical documentation <http://docs.cntd.ru/>
2. WHO documentation center <http://whodc.mednet.ru/>
3. DermIS.net <http://www.dermis.net/dermisroot/en/home/index.htm>
4. Dermatology Image Atlas <http://dermatlas.med.jhmi.edu/derm/>
5. Dermnet.com <http://www.dermnet.com/>;

f) Electronic libraries with access for RUDN students:

1. ELS RUDN <http://lib.rudn.ru/MegaPro/Web>
2. ELS "University Library Online" <http://www.biblioclub.ru>
3. ELS Yurayt <http://www.biblio-online.ru>
4. ELS "Student Consultant" www.studentlibrary.ru
5. ELS "Lan" <http://e.lanbook.com/>

g) Databases and search engines:

1. Yandex search engine <https://www.yandex.ru/>

2. Google search engine <https://www.google.com/>
3. Reference database SCOPUS [http://www.elsevier.com/locate/scopus/](http://www.elsevier.com/locate/scopus)
4. eLibrary database <http://www.elibrary.ru/defaultx.asp>
5. <https://pubmed.ncbi.nlm.nih.gov/>;

Training toolkit for self- studies to master the course *:

1. The set of lectures on the course “Dermatovenerology”

* The training toolkit for self- studies to master the course is placed on the course page in the university telecommunication training and information system under the set procedure.

8. ASSESSMENT TOOLKIT AND GRADING SYSTEM* FOR EVALUATION OF STUDENTS’ COMPETENCES LEVEL UPON COURSE COMPLETION

The assessment toolkit and the grading system* to evaluate the competences formation level (GPC - 5.1 -5.3, 7.1, 7.2, SPC - 1.1, 1.6, 2.1, 2.7, 3.1, 3.6) upon the course study completion are specified in the Appendix to the course syllabus.

* The assessment toolkit and the grading system are formed on the basis of the requirements of the relevant local normative act of RUDN University (regulations / order).

DEVELOPERS:

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