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

Institute of Medicine

COURSE SYLLABUS

DERMATOVENEROLOGY

(Subject / Course title)

Recommended by the Didactic Council for the Education Field of:

31.05.01 GENERAL MEDICINE

(Higher Education Field)

The course instruction is carried out as part of the implementation of Higher Education Program (HEP)

GENERAL MEDICINE

(Specialisation)

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 dermatological and venerological diseases. The main requirements of competences are:

- sufficiency;
- measurability;
- clarity of wording;
- continuity by levels of education.

2. REQUIREMENTS FOR LEARNING OUTCOMES

Mastering the course "Dermatovenerology" is aimed at the development of the following competences /competences in part: Professional Competences (PC) -2 (2.1 -2.6), PC – 3 (3.1,-3.6), PC – 5 (5.6,5.11)

Table1.1. Competence and learning outcomes

Professional Competence Code and Name	Professional Competence Indicators
PC-2. Being able to examine a patient in order to determine a diagnosis	PC-2.1. Mastering the skills to collect complaints, anamnesis of the patient's life and disease, as well as conduct a complete physical examination of the patient (examination, palpation, percussion, auscultation). PC-2.2. Being able to make a preliminary diagnosis and make up a plan of laboratory and instrumental examinations of a patient. PC-2.3. Being able to refer a patient to a laboratory examination in case there are medical indications in accordance with the current procedures for the provision of medical care, clinical guidelines (treatment protocols) on the provision of medical care taking into account the medical care standards. PC-2.4. Being able to refer a patient to an instrumental examination in case there are medical indications in accordance with the current procedures for the provision of medical care, clinical guidelines (treatment protocols) on the provision of medical care taking into account the standards of medical care. PC-2.5. Being able to refer a patient to consult with a medical specialist if there is a medical indication in accordance with the current procedures for the provision of medical care, clinical guidelines (treatment protocols) on the provision of medical care taking into account the standards of medical care. PC-2.6. Being able to refer a patient to be provided with specialized medical care in an inpatient setting or in a day hospital in case there are medical indications in accordance with the current procedures for the provision of medical care, clinical guidelines (treatment protocols) on the provision of medical care taking into account the standards

	<p>of medical care.</p> <p>PC-2.7. Being able to carry out differential diagnosis with other diseases/conditions, including the urgent ones, as well as to make a diagnosis taking into account the current international statistical classification of diseases and problems related to health (ICD).</p>
PC-3. Being able to prescribe treatment and monitor its efficacy and safety	<p>PC-3.1. Being able to develop a treatment plan for a disease or condition taking into account the diagnosis, age and clinical picture in accordance with the current procedures for the provision of medical care, clinical guidelines (treatment protocols) on the provision of medical care taking into account the standards of medical care.</p> <p>PC-3.2. Being able to prescribe medicinal drugs, medical devices and medical nutrition taking into account the diagnosis, age and clinical picture of the disease and in accordance with the current procedures for the provision of medical care, clinical guidelines (treatment protocols) on the provision of medical care taking into account the standards of medical care.</p> <p>PC-3.3. Being able to prescribe non-drug treatment taking into account the diagnosis, age and clinical picture of the disease in accordance with the current procedures for the provision of medical care, clinical guidelines (treatment protocols) on the provision of medical care taking into account the standards of medical care.</p> <p>PC-3.4. Being able to assess the efficacy and safety of the use of drugs, medical devices, medical nutrition and other treatment methods.</p> <p>PC-3.5. Being able to provide palliative care in collaboration with medical specialists and other healthcare professionals.</p> <p>PC-3.6. Being able to organize personalized treatment for a patient, including pregnant women, elderly and senile patients; assess the efficacy and safety of treatment.</p>
PC-5. Being able to carry out preventive measures and measures to promote a healthy lifestyle and sanitary and hygiene education among population and monitor their effectiveness	<p>PC-5.6. Being able to monitor observing preventive measures.</p> <p>PC-5.11. Being able to assess the effectiveness of preventive patient care.</p>

3. COURSE IN HIGHER EDUCATION PROGRAMME STRUCTURE

The course refers to the Compulsory disciplines of B1-block of the Higher Education Program.

Students also learn other disciplines and / or practices that contribute to the achievement of the planned results of learning "Dermatovenerology".

Table 2.1. List of Higher Education Program components that contribute to expected learning outcomes

Competence code	Competence	Previous Disciplines (Modules)	Subsequent Disciplines (Modules)
PC-2	Capable of conducting an examination of the patient in order to establish a diagnosis	Medical Enzymology**; Molecular genetics in practical biology and medicine**; Propaedeutics of internal diseases; Medical Elementology;	Pediatrics; Faculty therapy; Faculty Surgery; Maxillofacial surgery; Sectional course; Occupational diseases; Endocrinology;

Competence code	Competence	Previous Disciplines (Modules)	Subsequent Disciplines (Modules)
		Immunology; General Surgery; Microbiology, virology; Pathophysiology, clinical pathophysiology; Radiation diagnostics; Pathological anatomy, clinical pathological anatomy;	Neurology, medical genetics, neurosurgery; Psychiatry, medical psychology; Phthisiology; Outpatient therapy; Anesthesiology, intensive care; Hospital surgery, pediatric surgery; Oncology, radiation therapy; Traumatology, orthopedics; Reproductive health; Clinical Dentistry; Current issues of neonatology**; Topical Issues of Neonatology**; Cardiology in Quests; Methods of microbiological diagnostics; Molecular genetic methods; Hospital therapy; Urology; Endoscopic urology; Allergology; Surgical practice: Assistant of surgeon; Obstetric and gynecological practice: assistant to a gynecologist; Assistant of physician of the therapeutic profile: assistant of physician of the therapist; General medical practice: assistant to an outpatient clinic doctor; Obstetric and gynecological practice: assistant of obstetrician; General medical practice: Assistant of pediatrician
PC - 3	Is capable of prescribing treatment and monitoring its effectiveness and safety	Introduction to Nutritionology**; Pharmacology; Fundamentals of Integrative medicine**; Clinical Trials**;	Telemedicine; Outpatient Cardiology**; The basics of nutrition in childhood**; Ophthalmology; Obstetrics and gynecology; Infectious diseases; Clinical Pharmacology; Otorhinolaryngology;

Competence code	Competence	Previous Disciplines (Modules)	Subsequent Disciplines (Modules)
			Pediatrics; Faculty therapy; Faculty Surgery; Maxillofacial surgery; Occupational diseases; Endocrinology; Neurology, medical genetics, neurosurgery; Psychiatry, medical psychology; Phthisiology; Outpatient therapy; Hospital surgery, pediatric surgery; Oncology, radiation therapy; Traumatology, orthopedics; Reproductive health; Current issues of neonatology**; Experimental oncology; Cardiology in Quests; The basics of therapeutic nutrition; Geriatrics and palliative medicine; Hospital therapy; Urology; Endoscopic urology; Allergology; Surgical practice: Assistant of surgeon; Obstetric and gynecological practice: assistant to a gynecologist; Assistant of physician of the therapeutic profile: assistant physician of the therapist; General medical practice: assistant to an outpatient clinic doctor; Obstetric and gynecological practice: assistant of obstetrician; General medical practice: Assistant of pediatrician;
PC - 5	Ability to carry out and monitor the efficacy of measures for the prevention and	Introduction to Nutritionology**; Propaedeutics of internal diseases;	Outpatient Cardiology**; The basics of nutrition in childhood**; Ophthalmology; Obstetrics and gynecology;

Competence code	Competence	Previous Disciplines (Modules)	Subsequent Disciplines (Modules)
	formation of a healthy lifestyle and health education of the population	Organization of special patient care; Hygiene; Fundamentals of psychophysiology**;	Infectious diseases; Pediatrics; Occupational diseases; Endocrinology; Neurology, medical genetics, neurosurgery; Phthysiology; Outpatient therapy; Reproductive health; Clinical Dentistry; Urology; Endoscopic urology; General medical practice: assistant to an outpatient clinic doctor; General medical practice: Assistant of pediatrician;

* - filled in in accordance with the matrix of competencies

** - elective disciplines /practices

4. COURSE WORKLOAD AND ACADEMIC ACTIVITIES

The total workload of the course "Dermatovenerology" is 3 credit units (108 academic hours).

Table 3.1. Types of academic activities during the period of the HE program mastering

Type of academic work	Total acad. hours	Semesters
		7
Contact sessions (Ac. hours)	72	72
Seminars	0	0
Laboratory work	72	72
Independent work	30	30
Lectures	0	0
Exam/ evaluation	6	6
Total labor intensity (AC. hours)	108	108
Total labor intensity (credits)	3	3

5. COURSE CONTENTS

Table 4.1. Course contents by types of academic activities

Course module title	Course module contents (topics)	Academic activities types
Module 1. General dermatology	Theme 1.1. Anatomy, physiology, skin histology;	Laboratory work

	Theme 1.2. Elements of rash;	Laboratory work
	Theme 1.3. Methods of examination of dermatological patient; General principles of diagnostics and treatment of dermatological patients. Methods of external treatment	Laboratory work
Module 2. Specific dermatology	Theme 2.1. Infectious and parasitic diseases of the skin;	Laboratory work
	Theme 2.2. Psoriasis;	Laboratory work
	Theme 2.3. Lichen planus, pityriasis rosea;	Laboratory work
	Theme 2.4. Dermatitis, eczema, toxicodermia;	Laboratory work
	Тема 2.5. Quincke edema, urticaria;	Laboratory work
	Theme 2.6. Blistering diseases of the skin;	Laboratory work
	Theme 2.7. Stevens-Johnson’s syndrome and Lyell’s syndrome;	Laboratory work
	Theme 2.8. Erythema exudative multiforme;	Laboratory work
	Theme 2.9. Lupus erythematosus	Laboratory work
Module 3. Venerology	Theme 3.1. Syphilis;	Laboratory work
	Theme 3.2. Gonorrhoea and non-gonococcal urethritis.	Laboratory work

6. CLASSROOM EQUIPMENT AND TECHNOLOGY SUPPORT REQUIREMENTS

Table 5.1. Classroom Equipment and Technology Support Requirements

Type of academic activities	Classroom Equipment	Specialized educational / laboratory equipment, software and materials for course study
Independent work classroom	Classroom for independent work, seminars, group and individual	A set of specialized furniture; whiteboard; a set of devices includes

Type of academic activities	Classroom Equipment	Specialized educational / laboratory equipment, software and materials for course study
	consultations, current and intermediate control, equipped with a set of specialized furniture and technical means for multimedia presentations	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
Laboratory	An auditorium for laboratory work, individual consultations, routine monitoring and intermediate certification, equipped with a set of specialized furniture and equipment.	

* - the audience for independent work of students is **MANDATORY!**

7. RECOMMENDED SOURCES FOR COURSE STUDY

a) *Main literature:*

1. Dermatovenerology: textbook/V.V. Chebotarev, M.S. Askhakov. - 2nd ed., Revised and add.; - Moscow: GEOTAR-Media, 2020.
2. Atlas Handbook on Dermatovenereology/S.V. Koshkin, T.V. Cheremnykh. -Moskva: GEOTAR-Media, 2020. - 144 p.
3. Dermatovenerology: National Guide: Short Edition/ed. Yu.S. Butova, Yu.K. Skripkina, O.L. Ivanova. - Moscow: GEOTAR-Media, 2020. - 896 p.

b) *Additional literature:*

1. Herpes virus infections: a modern view of the problem: monograph/A.E. Shulzhenko, R.V. Shchubelko, I.N. Zuikova. - Electronic text data. - Moscow: GEOTAR-Media, 2022. - 344 p.
2. Skin and sexually transmitted diseases: atlas: textbook/V.V. Vladimirov. - Moscow: GEOTAR-Media, 2016. - 232 p.

c) *“Internet” network:*

- RUDN electronic library system - RUDN electronic library system <http://lib.rudn.ru/MegaPro/Web>
- University Library Online <http://www.biblioclub.ru>
- Yurayt <http://www.biblio-online.ru>
- Student Consultant www.studentlibrary.ru
- "Troitsky Bridge"
- <http://www.dermarf.ru>
- DermIS.net <http://www.dermis.net/dermisroot/en/home/index.htm>
- DermAtlas.RU <http://dermatlas.ru/>.
- Dermatology Image Atlas <http://dermatlas.med.jhmi.edu/derm/>.
- Dermnet.com <http://www.dermnet.com> .

d) *Databases and search engines :*

- electronic fund of legal and regulatory and technical documentation <http://docs.cntd.ru/>
- Yandex search engine <https://www.yandex.ru/>
- Google search engine <https://www.google.com/>
- reference database SCOPUS <http://www.elsevierscience.ru/products/scopus/>

Educational and methodological materials for independent work of students in mastering the discipline/module (in TUIS):

-Course of lectures in the discipline "Dermatovenerology"

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

Table 6.1. Assessment model of competence achievement

Components of the Competence Achievement Indicator			
Activity	Object of control	Epithets	Level
Knows	Decision-making methodology	Deep	High
		Enough	Average
		Superficially	Low
Knows how to apply	Decision-making methods	Confident, professional	High
		Confident	Average
		Irresolute, with minor errors and shortcomings	Low
Able to explain	Decision technology	exhaustively	High
		Enough	Average
		In outline	Low
Able to make decisions	Decision making process	specific, justified	High
		Specific, insufficiently substantiated	Average
		Unsure, minimal justification required	Low
Improving Efficiency	Problem Analysis Procedures	High	High
		Enough	Average
		Doubtful	Low

Table 6.2. Compliance assessments (previously used estimates of the outcome of academic performance, evaluations and ECTS point-rating system (PRS)) (Order of the Head of the PFU No. 996 of December 27, 2006):

Points of PRS	Traditional evaluation in the Russian Federation	Points to transfer grades	Ratings	Ratings ECTS
86 - 100	5	95 - 100	5+	A
		86 - 94	5	B
69 - 85	4	69 - 85	4	C
51 - 68	3	61 - 68	3+	D
		51 - 60	3	E
0 - 50	2	31 - 50	2+	FX
		0 - 30	2	F

DEVELOPERS:

**Head of the department of
dermatovenereology, allergology
and cosmetology**

Olga V. Zhukova

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HEAD OF THE DEPARTMENT:

Head of the higher education department

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HEAD OF THE EDUCATION PROGRAM:

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