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ФИО: Ястребов Олег Александрович  
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**Federal State Autonomous Educational Institution for Higher Education  
PEOPLES' FRIENDSHIP UNIVERSITY OF RUSSIA NAMED AFTER PATRICE  
LUMUMBA  
RUDN University (RUDN University)**

**Institute of Medicine**

## **COURSE SYLLABUS**

### **DERMATOVENEROLOGY**

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(Subject / Course title)

**Recommended by the Didactic Council for the Education Field of Medicine**

#### **DENTISTRY**

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(Higher Education Field)

**Mastering the subject/module is carried out as part of the implementation of Higher Education Program (HEP)**

**31.05.03 DENTISTRY**

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(Specialisation)

## 1. COURSE GOALS/ AIMS AND OBJECTIVES

The discipline "Dermatovenerology" is included in the program of the specialty "Dentistry" in the direction of 31.05.03 "Dentistry" and is studied in the 8th semester of the 4th year. The discipline is implemented by the Department of Dermatovenerology, Allergology and Cosmetology. The discipline consists of 3 sections and 13 topics and is aimed at studying.

The purpose of subject "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 TO LEARNING OUTCOMES

Mastering the subject "Dermatovenerology" is aimed at developing the competencies.

Table 1.1. Competencies and learning outcomes

Professional Competence Category	Professional Competence Code	Professional Competence Indicators
PC - 5	PC-5. Being able to examine patients to determine a diagnosis when solving professional tasks	PC-5.1. Gathering anamnesis by analyzing the patient's complaints, making a physical examination at a dental appointment.
		PC-5.2. Formulating a preliminary diagnosis and drawing up a plan for laboratory and instrumental examinations of a dental patient.
		PC-5.3. Compiling medical documentation for a dental patient in accordance with regulatory requirements.
		PC-5.4. Referring 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 standards of dental care.
		PC-5.5. Referring 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 dental care taking into account the standards.

		<p>PC-5.6. Referring a patient for a consultation with medical specialists 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 dental care taking into account the standards.</p>
		<p>PC-5.7. Referring a patient to provide with specialized medical care in an inpatient conditions 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 dental care.</p>
		<p>PC-5.8. Conducting differential diagnosis with other diseases/conditions, including the urgent ones.</p>
		<p>PC-5.9. Making a diagnosis based on the current international statistical classification of diseases and health problems.</p>
	<p>PC-6. Being able to prescribe non-drug and drug treatment, monitor its efficacy and safety when solving professional tasks</p>	<p>PC-6.1. Developing a plan for dental disease treatment 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 medical care standards.</p>
		<p>PC-6.2. Selecting medical products (including dental materials) for drawing up a comprehensive plan for dental disease treatment. Following up the treatment of a patient.</p>
		<p>PC-6.3. Assessing the possible side effects of taking medicinal drugs.</p>
		<p>PC-6.4. Providing medical care to a dental patient in emergency or urgent forms.</p>
		<p>PC-6.5. Organizing the prevention and treatment of complications, side effects, undesirable reactions, including the unforeseen ones, which can arise from diagnostic or medicinal manipulations, use of drugs and (or) medical devices, non-drug treatment at a dental appointment.</p>
		<p>PC-6.6. Organizing personalized treatment of a dental patient, including elderly and senile patients, pregnant women, children with somatic pathologies; evaluating the efficacy and safety of treatment.</p>
		<p>PC-6.7. Prescribing medicinal drugs, medical devices, taking into account the diagnosis, age and clinical picture, 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 medical care standards.</p>

		PC-6.8. Prescribing non-drug treatment taking into account the diagnosis, age and disease pattern 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-6.9. Evaluating the efficacy and safety of using medicinal drugs, medical devices and other methods of treatment at a dental appointment.

### 3. COURSE IN HIGHER EDUCATION/ACADEMIC PROGRAMME STRUCTURE

"Dermatovenerology" 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-5	Capable of conducting an examination of the patient in order to establish a diagnosis	Pediatric Dentistry; Dental prosthetics (simple prosthetics); Cariesology and diseases of hard tissues of teeth; Local anesthesia and anesthesiology in dentistry; General Surgery; Propaedeutics of dental diseases; Dental prosthetics (complex prosthetics); Prosthetics in the complete absence of teeth; Surgical diseases; Oral Surgery; Internal diseases; Periodontics; Ophthalmology; Emergency conditions in outpatient dental practice; Pathological anatomy - Pathanatomy of the head and neck; Obstetrics; Endodontics;	Orthodontics and pediatric prosthetics; Gerontostomatology and diseases of the oral mucosa; Gnatology and functional diagnostics of the temporal mandibular joint; Pediatric Maxillofacial surgery; Medical genetics in dentistry; Dental prosthetics (complex prosthetics); Maxillofacial prosthetics; Diseases of the head and neck; Maxillofacial and gnathic surgery; Pediatrics; Implantology and reconstructive surgery of the oral cavity;
PC - 6	Is capable of prescribing treatment and monitoring its	Pediatric Dentistry; Immunology, clinical immunology; The basics of military training. Life safety;	Pediatrics; Clinical Pharmacology; Medical rehabilitation;

Competence code	Competence	Previous Disciplines (Modules)	Subsequent Disciplines (Modules)
	effectiveness and safety	Internal diseases; Dental prosthetics (simple prosthetics); Cariesology and diseases of hard tissues of teeth; General Surgery; Dental prosthetics (complex prosthetics); Prosthetics in the complete absence of teeth; Surgical diseases; Oral Surgery; Obstetrics; Periodontics; Endodontics; Emergency conditions in outpatient dental practice; Pharmacology; Materials Science;	Gnatology and functional diagnostics of the temporal mandibular joint; Pediatric Maxillofacial surgery; Diseases of the head and neck; Implantology and reconstructive surgery of the oral cavity; Medical genetics in dentistry; Orthodontics and pediatric prosthetics; Dental prosthetics (complex prosthetics); Maxillofacial and gnathic surgery; Maxillofacial prosthetics; Gerontostomatology and diseases of the oral mucosa; Clinical Dentistry;

\* - filled in in accordance with the matrix of competencies

\*\* - elective disciplines /practices

#### 4. COURSE WORKLOAD AND ACADEMIC/TRAINING/LEARNING ACTIVITIES

Course workload of "Dermatovenerology" is 3 credit units (108 acad. hours).

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

	Type of academic work	Total academic hours	Semesters
			8
1.	Contact hours (academic hours)	68	68
2.	Lectures	0	0
3.	Laboratory work	68	68
4.	Seminars	0	0
5.	Independent work	22	22
6.	Exam/ evaluation	18	18
	<b>Total labor input (hours)</b>	108	108
	<b>Total labor input (Credit Unit)</b>	3	3

#### 5. COURSE MODULES AND CONTENTS

Table 4.1. Course contents by types of academic activities

Name of the modules	Topics (Units/Themes)	Types of academic activities
<b>Module 1.</b> General dermatology	<b>Theme 1.1.</b> Anatomy, physiology, skin histology;	<b>Laboratory work</b>
	<b>Theme 1.2.</b> Elements of rash;	<b>Laboratory work</b>
	<b>Theme 1.3.</b> Methods of examination of dermatological patient; General principles of diagnostics and treatment of dermatological patients. Methods of external treatment	<b>Laboratory work</b>
<b>Module 2.</b> Specific dermatology	<b>Theme 2.1.</b> Infectious and parasitic diseases of the skin;	<b>Laboratory work</b>
	<b>Theme 2.2.</b> Diseases of oral cavity;	<b>Laboratory work</b>
	<b>Theme 2.3.</b> Dermatitis, eczema, toxicodermia;	<b>Laboratory work</b>
	<b>Тема 2.4.</b> Quincke edema, urticaria;	<b>Laboratory work</b>
	<b>Theme 2.5.</b> Stevens-Johnson syndrome and Lyell syndrome;	<b>Laboratory work</b>
	<b>Theme 2.6.</b> Cheilites.	<b>Laboratory work</b>
	<b>Theme 2.7.</b> Precancerous diseases of the lips. Rossolimo-Melkersson-Rosenthal syndrome.	<b>Laboratory work</b>
	<b>Theme 2.8.</b> Erythema exudative multiforme;	<b>Laboratory work</b>
<b>Module 3.</b> Venerology	<b>Theme 3.1.</b> Syphilis;	<b>Laboratory work</b>
	<b>Theme 3.2.</b> Gonorrhoea	<b>Laboratory work</b>

## 6. CLASSROOM EQUIPMENT AND TECHNOLOGY SUPPORT REQUIREMENTS

*Table 5.1. Classroom Equipment and Technology Support Requirements*

<b>Classroom for Academic Activity Type</b>	<b>Classroom Equipment</b>	<b>Specialized educational / laboratory equipment, software and materials for mastering the course</b>
Independent work classroom	Classroom for independent work, 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
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 STUDIES**

### **a) Main literature:**

1. V.V. Chebotarev, M.S. Askhakov, Dermatovenerology. Textbook. M.: "GEOTAR -Media." - 2020 – p. 688
2. Dermatovenerology: National Guide: Short Edition/ed. Yu.S. Butova, Yu.K. Skripkina, O.L. Ivanova. - Electronic text data. - Moscow: GEOTAR-Media, 2020. - p.896

### **b) Additional literature:**

1. Dermatovenerology: textbook/V.V. Chebotarev, M.S. Askhakov. - 2nd ed., Revised and add.; Electronic text data. - Moscow: GEOTAR-Media, 2020. [https://lib.rudn.ru:443/MegaPro/UserEntry?Action=Link\\_FindDoc&id=497966&idb=0](https://lib.rudn.ru:443/MegaPro/UserEntry?Action=Link_FindDoc&id=497966&idb=0)
2. Herpes virus infections: a modern view of the problem: monograph/A.E.Shulzhenko, R.V. Schubelko, I.N. Zuikova. - Electronic text data. - Moscow: GEOTAR-Media, 2022. - 344. Resources of the information and telecommunication network "Internet"

### **c) Electronic sources**

- 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](http://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.elsevier.com/locate/SCOPUS>  
*Educational and methodological materials for independent work of students in mastering the discipline/module:*

- Course of lectures on the discipline "Dermatovenerology."
- DVD film "Syphilis".

## 8. ASSESSMENT AND EVALUATION TOOLKIT AND GRADING CRITERIA

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 5.2. 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:**

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 Head of the department of  
 dermatovenerology, allergology  
 and cosmetology

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 signature

\_\_\_\_\_  
 Olga V. Zhukova



**HEAD OF THE DEPARTMENT:**

**Head of higher education department**

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signature

**Svetlana N. Razumova**  
\_\_\_\_\_

**HEAD OF THE EDUCATION PROGRAM:**

**Assistant of the Department of  
dermatovenereology,  
allergology and cosmetology**

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signature

**Alexey. L. Savastenko**  
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