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ФИО: Стегний Кирилл Владимирович  
Должность: И.о. ректора  
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Federal State Budget Educational Institution  
of Higher Education  
Pacific State Medical University  
of the Ministry of Health of the Russian Federation

APPROVED BY

Head of the Department of Microbiology,  
Dermatovenereology and Cosmetology

 / Zaytseva E.A./

“1st” of April 2025

## SUBJECT GUIDE FOR TEACHERS AND STUDENTS FOR

### **B1.O.21 Dermatovenereology**

(name of discipline)

**Specialty**

**31.05.03 Dentistry**

**for international students (in English)**

(code, name)

**Degree**

Specialist's degree

**Profile**

02 "Healthcare"

(in the field of providing health care in  
patients with dental pathology)

**Mode of study**

**Full-time**

**Period of mastering the BEP**

**5 years**

(nominal length of study)

**Department**

of Microbiology, Dermatovenereology  
and Cosmetology

Subject guide for teachers and students for **Б1.О.21 Дерматовенерология** is based on:

1) Federal State Educational Standard of Higher Education for the specialty approved by the Order No. 984 of Ministry of Science and Higher Education of the Russian Federation dated August 12, 2020.

2) Curriculum for the 31.05.03 Dentistry for international students (in English), profile 02 "Healthcare" (in the field of providing health care in patients with dental pathology), approved by the Academic Council of FSBEI HE PSMU of the Ministry of Health of Russia Report No. 8/24-25 dated March 31, 2025.

Subject guide for teachers and students for **Б1.О.21 Дерматовенерология** were developed by the writing team of the Department of Microbiology, Dermatovenereology and Cosmetology of the FSBEI HE PSMU of the Ministry of Health of Russia, under the guidance of the head of the department, Doctor of Medical Sciences Zaytseva E.A..

**Developed by:**

Assistant

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Koshevaya A.A.

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(position held)

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(academic degree, academic title)

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(full name)

## 1. GENERAL PROVISIONS

Subject guide for **B1.O.21 Dermatovenereology** is a set of recommendations and explanations that facilitate to optimal organization of mastering this discipline.

Regular analysis of lecture materials and work with end-of-the-text questions are necessary for better understanding of the material and systematization of knowledge of **B1.O.21 Dermatovenereology**. Particular attention should be paid to emerging questions, confusing terms, and conflicts of points of view during the independent review of the lecture material. If necessary, a student should contact the teacher for advice. Lecture material streamlines students' thinking, while practical classes provide deeper insight into the material of the discipline.

Special attention should be paid to the content of the main provisions and conclusions, explanation of phenomena and facts, and clarification of the practical application of theoretic aspects of topic when preparing for a practical class. During this process students should aim to understand and remember the main provisions of the material under consideration, examples provided, as well as understand the illustrative material.

Collections of assessment tools are used to organize independent study of topics of **B1.O.21 Dermatovenereology**.

Independent work of students is facilitated by the following:

1. availability and accessibility of the necessary educational and reference material;
2. a system of regular quality control of completed independent work;
3. availability of teacher's advice.

Subject guides for self-study are presented as literary sources. Subject guides for independent work of students include a list of library resources of the educational institution and other materials accessible to students.

Independent work is a type of in-person extracurricular work of teachers and students of **B1.O.21 Dermatovenereology**. Control of independent work is conducted by the leading teacher. Evaluation of independent work results is taken into account when conducting interim examination of students throughout **B1.O.21 Dermatovenereology** course.

Continuous assessment during **B1.O.21 Dermatovenereology** course is implemented in order to check indicators of achieving competencies, to stimulate students' academic work, and improve methods of mastering new knowledge. Continuous assessment during **B1.O.21 Dermatovenereology** course is conducted during the semester to assess all types and sections of the academic discipline that encompass the competencies developed by the discipline: working with tests, preparing reports. Continuous assessment of students' knowledge and results of their preparation for practical classes is conducted during every class session.

Interim assessment aims to determine the level of mastery of competency indicators. It is conducted in the pass/fail test format after the student has mastered all sections of **B1.O.21 Dermatovenereology** and takes into account learning outcomes for all types of student work over the entire period of mastering **B1.O.21 Dermatovenereology** course.

Time allotted for interim assessment is indicated in the schedule.

Assignments given during practical classes, as well as assignments aimed to prepare students for continuous and interim assessment, are included in the collection of assessment tools for **B1.O.21 Dermatovenereology**. If necessary, students should contact the teacher for advice. It is necessary to thoroughly think over questions that need clarification before seeking teacher's advice.

## 2. SUBJECT GUIDES FOR LECTURE CLASSES

Table 1. Subject Guides for **B1.O.21 Dermatovenereology** Lectures

<b>Topic No.1 Introduction to dermatovenereology. Structure, pathohistology of skin and oral mucosa. Etiology, pathogenesis of skin diseases. Diagnostic methods, treatment principles, preventive measures in patients with lesions of the oral mucosa, vermilion border, face area of the skin</b>	
Duration of the lecture (in academic hours):	2
<p>Purpose of the lecture:</p> <ol style="list-style-type: none"> <li>1. tell students about aspects of general dermatovenereology, modern methods of diagnosing skin diseases; enhance students' knowledge on assessment of clinical manifestation of dermatological symptoms and results of physical and instrumental patient examination; improve students' knowledge on history of dermatovenereology;</li> <li>2. define key terms: skin lesions, topical medications;</li> <li>3. analyze examination methods, diascopy (vitropression), palpation, dermatoscopy, and trichoscopy</li> </ol>	
<p>Lecture plan, order of presentation of its sections:</p> <ul style="list-style-type: none"> <li>- History of dermatovenereology</li> <li>- Classic diagnostic methods in dermatovenereology</li> <li>- Skin lesions</li> <li>- Laboratory diagnostic methods in dermatovenereology</li> <li>- Differential diagnosis of skin diseases</li> <li>- Main groups of medications in dermatovenereology</li> <li>- Systemic pharmacotherapy. Topical pharmacotherapy: main forms, indications and contraindications</li> <li>- Efferent therapy in dermatovenereology, indications</li> </ul>	
<p>Recommended reading:</p> <ol style="list-style-type: none"> <li>1. Дерматовенерология. Национальное руководство. Краткое издание [Электронный ресурс] под ред. Ю. С. Бутова, Ю. К. Скрипкина, О. Л. Иванова. - М. : ГЭОТАР-Медиа, 2020. - 896 с</li> </ol>	
<b>Topic No.2 Pyoderma, viral, parasitic skin diseases. Erythema multiforme. Dermatomycosis</b>	
Duration of the lecture (in academic hours):	2
<p>Purpose of the lecture:</p> <ol style="list-style-type: none"> <li>1. tell students about etiology, pathogenesis, clinical manifestation, diagnostics, prevention, and treatment of pyoderma, parasitic skin diseases, viral dermatosis, and erythema multiforme;</li> <li>2. define key terms: pyoderma, scabies, pediculosis, dermatomycosis, erythema multiforme;</li> <li>3. examine methods of examining patients with these diseases.</li> </ol>	
<p>Lecture plan, order of presentation of its sections:</p> <ul style="list-style-type: none"> <li>- Definition, classification of pustular dermatoses, dermatomycoses</li> <li>- Epidemiology, etiology, pathogenesis, clinical manifestation</li> <li>- Diagnostics, differential diagnosis, and treatment</li> <li>- Patient management tactics, systemic treatment principles</li> </ul>	
<p>Recommended reading:</p> <ol style="list-style-type: none"> <li>1. Дерматовенерология. Национальное руководство. Краткое издание [Электронный ресурс] под ред. Ю. С. Бутова, Ю. К. Скрипкина, О. Л. Иванова. - М. : ГЭОТАР-Медиа, 2020. - 896 с</li> </ol>	

**Topic No.3 Allergodermatoses. Neurodermatosis. Lichens**

Duration of the lecture (in academic hours):

2

Purpose of the lecture:

1. tell students about etiology, pathogenesis, clinical manifestation, diagnostics, prevention, and treatment of allergodermatoses, neurodermatosis, and lichens;
2. define key terms: allergodermatoses, neurodermatosis, and lichens;
3. examine methods of examining patients with these diseases and patient management tactics.

Lecture plan, order of presentation of its sections:

- Definition and classification of allergodermatoses
- Epidemiology, etiology, pathogenesis, clinical manifestation of select allergodermatoses
- Clinical manifestation, diagnostics, differential diagnosis, and treatment of neurodermatosis
- Patient management tactics, systemic treatment, treatment principles of patients with lichens

Recommended reading:

1. Дерматовенерология. Национальное руководство. Краткое издание [Электронный ресурс] под ред. Ю. С. Бутова, Ю. К. Скрипкина, О. Л. Иванова. - М. : ГЭОТАР-Медиа, 2020. - 896 с

**Topic No.4 Autoimmune skin diseases**

Duration of the lecture (in academic hours):

2

Purpose of the lecture:

1. tell students about etiology, pathogenesis, clinical manifestation, diagnostics, prevention, and treatment of autoimmune skin diseases;
2. define key terms: autoimmune skin diseases;
3. examine methods of examining patients with these diseases and patient management tactics.

Lecture plan, order of presentation of its sections:

- Definition, classification of autoimmune diseases
- Epidemiology, etiology, pathogenesis, clinical manifestation of select autoimmune skin diseases
- Clinical manifestation, diagnostics, differential diagnosis, and treatment of pemphigus
- Patient management tactics, systemic treatment principles for patients with connective tissue diseases

Recommended reading:

1. Дерматовенерология. Национальное руководство. Краткое издание [Электронный ресурс] под ред. Ю. С. Бутова, Ю. К. Скрипкина, О. Л. Иванова. - М. : ГЭОТАР-Медиа, 2020. - 896 с

**Topic No.5 STIs. General progression of syphilis. Primary, secondary syphilis**

Duration of the lecture (in academic hours):

2

Purpose of the lecture:

1. tell students about etiology, pathogenesis, clinical manifestation, diagnostics, prevention, and treatment of STIs;
2. define key terms: STIs;
3. examine methods of examining patients with these diseases and patient management tactics.

Lecture plan, order of presentation of its sections: <ul style="list-style-type: none"> <li>- Definition, classification of STIs</li> <li>- Epidemiology, etiology, pathogenesis, clinical manifestation of select STIs</li> <li>- Clinical manifestation, diagnostics, differential diagnosis, and treatment of syphilis</li> <li>- Patient management tactics, systemic treatment principles for patients with primary and secondary syphilis</li> </ul>	
Recommended reading: 1. Дерматовенерология. Национальное руководство. Краткое издание [Электронный ресурс] под ред. Ю. С. Бутова, Ю. К. Скрипкина, О. Л. Иванова. - М. : ГЭОТАР-Медиа, 2020. - 896 с	
<b>Topic No.6 Tertiary, latent syphilis, congenital syphilis. Principles of diagnosis, treatment, follow-up care</b> <b>STIs. Gonococcal, chlamydial infection, trichomoniasis. HIV-associated skin diseases</b>	
Duration of the lecture (in academic hours):	2
Purpose of the lecture: 1. tell students about etiology, pathogenesis, clinical manifestation, diagnostics, prevention, and treatment of these STIs; 2. define key terms: gonococcal, chlamydial infection, trichomoniasis; 3. examine.	
Lecture plan, order of presentation of its sections: <ul style="list-style-type: none"> <li>- Definition, classification of HIV infection</li> <li>- Epidemiology, etiology, pathogenesis, clinical manifestation of select forms of HIV</li> <li>- Clinical manifestation, diagnostics, differential diagnosis, and treatment of tertiary, latent, and congenital syphilis</li> <li>- Patient management tactics, systemic treatment principles for patients with primary and secondary syphilis</li> </ul>	
Recommended reading: 1. Дерматовенерология. Национальное руководство. Краткое издание [Электронный ресурс] под ред. Ю. С. Бутова, Ю. К. Скрипкина, О. Л. Иванова. - М. : ГЭОТАР-Медиа, 2020. - 896 с	

### 3. SUBJECT GUIDES FOR PRACTICAL CLASSES

Table 2. Subject Guides for Practical **B1.O.21 Dermatovenereology** Classes

<b>Topic No.1 Introduction to dermatovenereology. Structure, pathohistology of skin and oral mucosa. Etiology, pathogenesis of skin diseases. Diagnostic methods, treatment principles, preventive measures in patients with lesions of the oral mucosa, vermilion border, face area of the skin</b>	
Duration of the practical class (in academic hours):	4
Purpose of the practical class: 1. consolidate acquired knowledge on the topic; 2. during the discussion, outline the main principles of diagnosis and treatment; 3. thoroughly go over definitions and concepts of the skin, subcutaneous fat, skin lesions; 4. study patterns of progression of skin diseases; 5. develop an understanding of the work of dermatovenereological service.	

Practical classes requirements: classrooms equipped with multimedia equipment, blackboards, and subject guides for the discipline.

Independent work of the student: Writing a research paper.  
Preparing a report on previous lecture. Working with study materials.

Methods of evaluation of acquired knowledge and skills: review of reports, discussions, classroom questioning, tests

Recommended reading:

1. Dermatovenerology : textbook V.V.Chebotarev, M. S. Askhakov - M. : GEOTAR-Media, 2020. - 680 p.

### **Topic No.2 Pyoderma. Parasitic skin diseases. Viral dermatosis. Erythema multiforme**

Duration of the practical class (in academic hours):

4

Purpose of the practical class:

1. consolidate acquired knowledge on the topic;
2. during the discussion, outline the main principles of diagnosis and treatment;
3. thoroughly go over definitions and concepts of pyoderma, parasitic skin diseases, viral dermatosis, erythema multiforme;
4. study patterns of progression of these diseases;
5. develop an understanding of diagnosing and treating these diseases.

Practical classes requirements: classrooms equipped with multimedia equipment, blackboards, and subject guides for the discipline.

Independent work of the student: Writing a research paper.  
Preparing a report on previous lecture. Working with study materials.

Methods of evaluation of acquired knowledge and skills: review of reports, discussions, classroom questioning, tests

Recommended reading:

1. Dermatovenerology : textbook V.V.Chebotarev, M. S. Askhakov - M. : GEOTAR-Media, 2020. - 680 p.

### **Topic No.3 Keratomycosis. Dermatomycosis. Microsporia (Microsporum fungus infection). Trichophytosis. Candidiasis. Deep fungal diseases**

Duration of the practical class (in academic hours):

4

Purpose of the practical class:

1. consolidate acquired knowledge on the topic;
2. during the discussion, outline the main principles of diagnosis and treatment;
3. thoroughly go over definitions and concepts of keratomycosis, dermatomycosis, microsporia (Microsporum fungus infection), trichophytosis, candidiasis, deep fungal diseases;
4. study patterns of progression of these diseases;
5. develop an understanding of diagnosing and treating these diseases.

Practical classes requirements: classrooms equipped with multimedia equipment, blackboards, and subject guides for the discipline.

Independent work of the student: Writing a research paper.  
Preparing a report on previous lecture. Working with study materials.

Methods of evaluation of acquired knowledge and skills: review of reports, discussions, classroom questioning, tests

Recommended reading:

1. Dermatovenerology : textbook V.V.Chebotarev, M. S. Askhakov - M. : GEOTAR-Media, 2020. - 680 p.

**Topic No.4 Dermatitis. Eczema. Toxidermia. Neurodermatitis. Cheilitis**

Duration of the practical class (in academic hours):

4

Purpose of the practical class:

1. consolidate acquired knowledge on the topic;
2. during the discussion, outline the main principles of diagnosis and treatment;
3. thoroughly go over definitions and concepts of dermatitis, eczema, toxidermia, neurodermatitis, cheilitis;
4. study patterns of progression of these diseases;
5. develop an understanding of diagnosing and treating these diseases.

Practical classes requirements: classrooms equipped with multimedia equipment, blackboards, and subject guides for the discipline.

Independent work of the student: Writing a research paper.

Preparing a report on previous lecture. Working with study materials.

Methods of evaluation of acquired knowledge and skills: review of reports, discussions, classroom questioning, tests

Recommended reading:

1. Dermatovenerology : textbook V.V.Chebotarev, M. S. Askhakov - M. : GEOTAR-Media, 2020. - 680 p.

**Topic No.5 Dermatitis herpetiformis. Pemphigus. Systemic scleroderma. Lupus. Dermatomyositis**

Duration of the practical class (in academic hours):

4

Purpose of the practical class:

1. consolidate acquired knowledge on the topic;
2. during the discussion, outline the main principles of diagnosis and treatment;
3. thoroughly go over definitions and concepts of dermatitis herpetiformis, pemphigus, systemic scleroderma, lupus, dermatomyositis;
4. study patterns of progression of these diseases;
5. develop an understanding of diagnosing and treating these diseases.

Practical classes requirements: classrooms equipped with multimedia equipment, blackboards, and subject guides for the discipline.

Independent work of the student: Writing a research paper.

Preparing a report on previous lecture. Working with study materials.

Methods of evaluation of acquired knowledge and skills: review of reports, discussions, classroom questioning, tests

Recommended reading:

1. Dermatovenerology : textbook V.V.Chebotarev, M. S. Askhakov - M. : GEOTAR-Media, 2020. - 680 p.

<b>Topic No.6 Psoriasis. Lichen planus. Precancerous lesions</b>	
Duration of the practical class (in academic hours):	4
Purpose of the practical class: 1. consolidate acquired knowledge on the topic; 2. during the discussion, outline the main principles of diagnosis and treatment; 3. thoroughly go over definitions and concepts of psoriasis, lichen planus, precancerous lesions; 4. study patterns of progression of these diseases; 5. develop an understanding of diagnosing and treating these diseases.	
Practical classes requirements: classrooms equipped with multimedia equipment, blackboards, and subject guides for the discipline.	
Independent work of the student: Writing a research paper. Preparing a report on previous lecture. Working with study materials.	
Methods of evaluation of acquired knowledge and skills: review of reports, discussions, classroom questioning, tests	
Recommended reading: 1. Dermatovenerology : textbook V.V.Chebotarev, M. S. Askhakov - M. : GEOTAR-Media, 2020. - 680 p.	
<b>Topic No.7 General progression of syphilis. Clinical manifestation, complications of primary syphilis. Classification, clinical manifestation of secondary syphilis</b>	
Duration of the practical class (in academic hours):	4
Purpose of the practical class: 1. consolidate acquired knowledge on the topic; 2. during the discussion, outline the main principles of diagnosis and treatment; 3. thoroughly go over definition and concept of primary syphilis; 4. study patterns of progression of this disease; 5. develop an understanding of diagnosing and treating this disease.	
Practical classes requirements: classrooms equipped with multimedia equipment, blackboards, and subject guides for the discipline.	
Independent work of the student: Writing a research paper. Preparing a report on previous lecture. Working with study materials.	
Methods of evaluation of acquired knowledge and skills: review of reports, discussions, classroom questioning, tests	
Recommended reading: 1. Dermatovenerology : textbook V.V.Chebotarev, M. S. Askhakov - M. : GEOTAR-Media, 2020. - 680 p.	
<b>Topic No.8 Clinical manifestation, progression of tertiary syphilis. Classification, clinical manifestation of congenital syphilis. Treatment principles, follow-up care</b>	
Duration of the practical class (in academic hours):	4

Purpose of the practical class: 1. consolidate acquired knowledge on the topic; 2. during the discussion, outline the main principles of diagnosis and treatment; 3. thoroughly go over definitions and concepts of tertiary, congenital syphilis; 4. study patterns of progression of these diseases; 5. develop an understanding of diagnosing and treating these diseases.	
Practical classes requirements: classrooms equipped with multimedia equipment, blackboards, and subject guides for the discipline.	
Independent work of the student: Writing a research paper. Preparing a report on previous lecture. Working with study materials.	
Methods of evaluation of acquired knowledge and skills: review of reports, discussions, classroom questioning, tests	
Recommended reading: 1. Dermatovenerology : textbook V.V.Chebotarev, M. S. Askhakov - M. : GEOTAR-Media, 2020. - 680 p.	
<b>Topic No.9 Classification, clinical manifestation, treatment principles, and follow-up care in patients with gonococcal, chlamydial infection, and trichomoniasis. HIV-associated skin diseases</b>	
Duration of the practical class (in academic hours):	4
Purpose of the practical class: 1. consolidate acquired knowledge on the topic; 2. during the discussion, outline the main principles of diagnosis and treatment; 3. thoroughly go over definitions and concepts of gonococcal, chlamydial infection, trichomoniasis, HIV-associated skin diseases; 4. study patterns of progression of these diseases; 5. develop an understanding of diagnosing and treating these diseases.	
Practical classes requirements: classrooms equipped with multimedia equipment, blackboards, and subject guides for the discipline.	
Independent work of the student: Writing a research paper. Preparing a report on previous lecture. Working with study materials.	
Methods of evaluation of acquired knowledge and skills: review of reports, discussions, classroom questioning, tests	
Recommended reading: 1. Dermatovenerology : textbook V.V.Chebotarev, M. S. Askhakov - M. : GEOTAR-Media, 2020. - 680 p.	

#### 4. GUIDELINES FOR CONTINUOUS AND INTERIM ASSESSMENT

Table 3. Guidelines for Conducting Continuous and Interim Assessment during the **B1.O.21 Dermatovenerology** Course

Type of assessment	Assessment format
Continuous assessment	- conducting and evaluating oral or written quizzes during lectures and practical classes; - assessment and evaluation of completion and results of working with mini case studies;

	<ul style="list-style-type: none"> <li>- assess and evaluate completion and results tests;</li> <li>- assessment and evaluation of lecture notes quality.</li> </ul>
Interim certification	is conducted in the written pass/fail test format; it allows to assess the development of students' competencies correlating with types of professional activity

## **5 ASPECTS OF THE IMPLEMENTATION OF THE COURSE FOR STUDENTS WITH DISABILITIES AND SPECIAL NEEDS**

### 5.1. Availability of accessible environment

For students with disabilities and special needs, if a written application is submitted, lectures and practical classes are carried out taking into account health limitations, individual capabilities and medical status (hereinafter referred to as individual characteristics) of the student. Compliance with the following general requirements is ensured: teaching aids for collective and individual use are provided, required technical assistance is provided by an assistant, buildings and premises where lectures and practical classes are taking place meet accessibility requirements, other arrangements lack of which makes it impossible or difficult to master the discipline are made.

### 5.2. Compliance with general requirements

When lectures and practical classes are carried out at the written application of the student, the following general requirements are met: lectures and practical classes for students with disabilities and special needs take place at the same location as for students who do not have disabilities, if this does not cause difficulties for students; an assistant (assistants), who provide(s) students with the necessary technical assistance taking into account individual characteristics of the student, is (are) provided; necessary teaching aids are provided, taking into account individual characteristics of the student.

5.3. Availability of the internal policies and procedures of FSBEI HE PSMU of the Ministry of Health of Russia to students with disabilities in a form accessible to them.

All internal policies and procedures of FSBEI HE PSMU of the Ministry of Health of Russia concerning the discipline (module) are made available to students with disabilities in a form accessible to them.

5.4. Increase in the duration of interim assessment of students with disabilities and special needs in relation to the established duration

Format of the interim assessment of academic performance within the scope of the discipline for students with disabilities and special needs is selected taking into account individual characteristics (orally, by writing on paper, by typing on a computer, as a test, etc.). The duration of the interim assessment in relation to the established duration is increased at the written application of the student with disabilities. Time limit for the student's preparation for the test is increased by at least 0.5 hours

## **6. STAFFING REQUIREMENTS OF THE DISCIPLINE**

Academic teaching personnel that ensure the implementation of the discipline education process meet the requirements of the Federal State Educational Standard of Higher Education for the 31.05.03 Dentistry for international students (in English) specialty; list of the aforementioned personnel is available on the website of the educational organization.

