

National Pirogov Memorial Medical University, Vinnytsya

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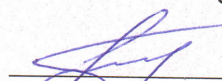
Acting rector of higher education institution

 Viktoriia PETRUSHENKO

" 31 " august 2023

" AGREED "

Head of Skin and Venereal Diseases
department

 of HEI Serhiy BONDAR

" 29 " august 2023

**SYLLABUS
of academic discipline**

"Dermatology, Venereology"

Specialty	222 Medicine
Educational level	the second (master`s) level
Educational programme	EPP Medicine, 2022
Academic year	2023-2024
Department	Skin and venereal diseases
Lecturer (if lectures are given)	Associate professor of HEI Larisa GARMASH
Contact information	<i>Skin and venereal diseases Department, : venereology@vnmu.edu.ua, National Pirogov Memorial Medical University, Vinnytsya , Vinnytsia Regional Clinical Dermatological and Venereological Center, 21 Magistratska Street, (0432) 671 286</i>
Syllabus compiler	Associate professor of HEI Larisa GARMASH

1. Status and structure of the discipline

Discipline status	Compulsory
Discipline code in EPP/discipline place in EPP	EC 40, discipline of professional training
Course / semester	4th year (VII or VIII semester)
The amount of discipline (the total number of hours / number of credits ECTS)	60 hours / 2,0 credits ECTS
Number of content modules	1 modules
The structure of the discipline	Lectures - 6 hours Practical classes 32 hours Independent work 22 hours
Language of study	English
Form of study	Full-time (or remote full-time by order)

2. Description of the discipline

Short annotation of the course, relevance.

The subject area of the discipline is the study of clinical manifestations of lesions of the skin and mucous membranes of man, as well as sexually transmitted infections. The course focuses on basic knowledge about the structure and function of the skin, mucous membranes, hair and nails, skin diseases, their diagnosis, treatment and prevention, as well as infectious diseases that are transmitted mainly (but not exclusively) sexually and which have objective (rashes on the skin, mucous membranes, affection of internal organs) and subjective manifestations. Lays the foundations of a healthy lifestyle and prevention of sexually transmitted diseases.

Prerequisites. For successful mastering of discipline, the student needs the knowledge received in the course of studying of the following disciplines of the general preparation: human anatomy, histology and morphology, pharmacology, normal and pathological physiology, medical biology, microbiology and other morphological disciplines.

The purpose of the course and its significance for professional activities. The purpose of the discipline is the formation of systemic medical knowledge, skills and abilities to diagnose skin and sexually transmitted diseases. It is assumed that mastering the knowledge about the main clinical signs of skin and sexually transmitted diseases will enable the general practitioner to recognize such diseases in time and refer the patient to a dermatovenereologist. Awareness of sexually transmitted diseases and sexually transmitted infections is an important part of the training of general practitioners, and knowledge of preventive measures for these diseases is the responsibility of physicians of any specialty and specialization.

Postrequisites. In the process of studying the discipline, knowledge is acquired, which is an important component of further study of clinical disciplines, and involves the integration of teaching with these disciplines (infectology, toxicology, hematology, rheumatology, endocrinology, oncology, neurology, allergology) and the application of knowledge, skills and abilities. training and in professional activity.

3. Learning outcomes.

After successful study of the discipline the applicant will be able to:

1. To determine the etiological and pathogenetic factors of the appearance and subsequent clinical course of the most common skin and sexually transmitted diseases.
2. Classify and analyze the typical clinical picture of the most common skin diseases and sexually transmitted diseases.

3. To make the plan of inspection and to analyze the data of laboratory and / or instrumental inspections, at a typical course of diseases.
4. To establish on the basis of clinical and anamnestic data the preliminary diagnosis of the most widespread skin and venereal diseases.
5. Carry out differential diagnosis of dermatoses.
6. To establish on the basis of clinical and anamnestic data the preliminary diagnosis of the most widespread skin and venereal diseases.
7. Describe the dermatological condition of the patient, using special terminology.
8. Prescribe rational treatment of patients with the most common dermatological diseases (systemic and topical therapy) and, if necessary in the public interest, treatment of sexually transmitted infections.
9. Carry out primary and secondary prevention of skin diseases and sexually transmitted infections.

4. Content and logistic of the discipline

Module Dermatology, Venereology	1 VII semester 32 hours/2,0 credits	Lectures № 1-3 Practical classes №№ 1-16 Topics for self- study №№ 1
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The course includes 16 topics.

Module 1. Morphology and physiology of microorganisms. Infection. Immunity.

- Topic 1. Methods for examination of a patient in skin diseases. Deontology in the practice of dermatologist and venereologist.
- Topic 2. Anatomy, histology and physiology of the normal skin. Histomorphological changes in the skin.
- Topic 3. Morphology of primary and secondary skin lesions.
- Topic 4. Psoriasis. Lichen ruber planus. Etiology. Pathogenesis. Clinical features. Diagnostics. Treatment. Prevention.
- Topic 5. Scabies. Pediculosis. Etiology. Pathogenesis. Clinical features. Diagnostics. Treatment. Prevention.
- Topic 6. Diseases due to virus infection. Etiology. Pathogenesis. Classification. Clinical features. Diagnostics. Treatment. Prevention.
- Topic 7. Pyoderma. Etiology. Pathogenesis. Clinical features. Diagnostics. Treatment. Prevention.
- Topic 8. Mycoses of the skin and mucous membranes. Keratomycoses. Dermatomycoses. Candidiasis. Etiology. Pathogenesis. Clinical features. Diagnostics. Treatment. Prevention.
- Topic 9. Collagenoses. Lupus erythematosus. Scleroderma. Etiology. Pathogenesis. Clinical features. Diagnostics. Treatment. Prevention. Practical skills of writing an educational case history of a dermatological patient. Curacy.
- Topic 10. Neurodermatoses. Atopic dermatitis. Prurigo. Urticaria. Etiology. Pathogenesis. Classification. Clinical features. Diagnostics. Treatment. Prevention.
- Topic 11. Dermatitis. Toxicoderma. Etiology. Pathogenesis. Classification. Clinical features. Diagnostics. Treatment. Prevention. Practical skills of writing an educational case history of a dermatological patient. Curacy.
- Topic 12. Eczema. Etiology. Pathogenesis. Classification. Clinical features. Diagnostics. Treatment. Prevention.
- Topic 13. Bullous dermatoses. Erytema exudativum multiforme. Etiology. Pathogenesis. Clinical features. Diagnostics. Treatment. Practical skills of writing an educational case history of a dermatological patient. Curacy.
- Topic 14. Methods for examination of a patient in venereal diseases. The causative agent of syphilis. Conditions and routes of infection with syphilis. Pathogenesis. Experimental syphilis. Classification. Primary and secondary periods of syphilis.

Topic 15. Tertiary period of syphilis. Congenital syphilis. Laboratory diagnostics of venereal diseases. Treatment of syphilis.

Topic 16. Gonorrhoeal and non-gonorrhoeal urethritis in males. Treatment and prevention.

Types of education according to the curriculum are: a) lectures, b) practical classes, c) independent work of students, d) consultations.

The lecture course discovers the problematic issues of the relevant sections of Dermatology, Venereology.

Practical classes provide a theoretical justification of the main issues of the topic and the acquisition of the following practical skills:

- 1) research by students under the guidance of a teacher of the condition of the affected areas of the skin with the most common dermatoses; carrying out differential diagnostics taking into account the results of clinical and laboratory examination of patients;
- 2) solving situational problems that have a clinical focus, writing and defense of educational case history.

In practical classes, students participate in the discussion of clinical examinations of patients and on the example of patients consider the main theoretical issues on the topic, draw up the data obtained by self-examination of patients in the medical history of a dermatological patient, report medical histories, analyze the results of laboratory methods, develop treatment regimens. and methods of prevention of skin and sexually transmitted diseases and infections, mainly sexually transmitted.

The student's independent work involves preparation for practical classes and practical skills, study of topics for independent extracurricular work, preparation of presentations, tables, processing of scientific literature and writing reviews of the topics provided for individual work. Control of mastering the topics of independent extracurricular work is carried out on the final control of the discipline.

Thematic plans of lectures, calendar plans of practical classes, thematic plan of independent extracurricular work, volume and directions of individual work are published on the site of the department.

The route for obtaining materials: Skin and venereal diseases department / for students / Full-time education / medicine / 4 course / Educational materials / or through the link <https://www.vnmu.edu.ua/> Skin and venereal diseases department#. Access to the materials is carried out through the student's corporate account s000XXX@vnmu.edu.ua.

5. Forms and methods of monitoring academic performance

Current control in practical studies	Methods: oral examination, assessment of individual tasks of the student in relation to the diagnosis and preparation of the patient's treatment plan, interpretation and evaluation of the results of laboratory tests, control of practical skills.
Final control of the discipline – Dermatology, Venereology (<i>differential test</i>)	Methods: oral questioning (according to the Regulation of the Academic process in National Pirogov Memorial Medical University, Vinnytsya, Vinnytsia (link https://www.vnmu.edu.ua/General information))

Learning success diagnostic tools	Theoretical questions, practical tasks, demonstration of practical skills
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6. Assessment criteria

Knowledge assessment is carried out in accordance with the Regulations of the Academic process in National Pirogov Memorial Medical University, Vinnytsya (link

[https://www.vnmu.edu.ua/General information](https://www.vnmu.edu.ua/General%20information))

Continuous assessment	On a four point system of traditional assessments: 5 «excellent», 4 «good», 3 «satisfactory», 2 «unsatisfactory»
Control of practical skills	According to the four-point system of traditional assessments
Final control of the discipline	<i>Points for oral examination (50-80 points)</i> <i>Score for differential credit:</i> 71-80 points - "excellent" 61-70 points - "good" 50-60 points - "satisfactory" Less than 50 points - "unsatisfactory" / did not pass
Discipline assessments:	Current academic assessment - from 72 to 120 points (conversion of the average traditional assessment of practical class on a 120-point scale): 60% of the grade for the discipline Final control - from 50 to 80 points: 40% of the grade for the discipline Individual work - from 1 to 12 points From 122 to 200 points in total.

Discipline Score Scale: National and ECTS

The sum of grades for all types of educational activities	Score ECTS	Score on a national scale	
		For exam, course project (work), practice кп	for credit test
180-200	A	excellent	credited
170-179,99	B	good	
160-169,99	C		
141-159,99	D	satisfactory	
122-140,99	E	satisfactory	
0-121,99	FX	unsatisfactory with the possibility of reassembly	is not credited with the possibility of reassembling
	F	unsatisfactory with a mandatory reexamination of discipline	is not credited with mandatory reexamination of discipline

7. Policy of discipline / course

The student has the right to receive high-quality educational services, access to contemporary scientific and educational information, qualified tutoring during the study of discipline and mastering practical skills. The policy of the department during the providing of educational services is a student-centered, based on normative documents of the Ministry of Education and the Ministry of Health of Ukraine, the Statute of the University and the Procedure for the Providing of Educational Services regulated by the main principles of the organization of the educational process in National Pirogov Memorial Medical University, Vinnytsya and the principles of academic integrity (link <https://www.vnmu.edu.ua/> General information).

Adherence to the rules of VNMU, safety techniques in practical classes.

Observance of the rules of the VNMU regulations, safety precautions at practical classes. Workplace safety instruction is given at the first practical lesson by the teacher. The instructed students are registered in the Safety Instruction Journal. A student who has not been instructed is not allowed to practice

Requirements for preparation for practical classes.

The student should be prepared for a practical lesson.

A student should come to class on time, without delay. A student who is more than 10 minutes late is not allowed to the practical class and must work it in the prescribed manner.

In practical classes, the student must be dressed in a work uniform (medical gown, hat). Students who do not have a work uniform are not allowed to practice.

The student must follow the rules of safety in practical rooms and at the department.

When discussing theoretical issues, students should demonstrate tolerance, courtesy and respect for their colleagues and the teacher, in practical classes, the workplace must be kept in order and cleaned after the lesson.

Usage of mobile phones and other electronic devices.

The use of mobile phones and other electronic devices in the classroom is allowed only during electronic testing or surveys.

Academic integrity. When studying the discipline, the student must be guided by the Code of Academic Integrity and Corporate Ethics of National Pirogov Memorial Medical University, Vinnytsya (link : <https://www.vnmu.edu.ua/>General information)/ Code of Academic Integrity). In case of violation of the norms of academic integrity during the current and final controls student receives a grade of "2" and must work it out to his teacher in the prescribed manner within two weeks after receiving an unsatisfactory assessment).

Missed classes. Missed classes are working out in the manner prescribed by Regulations of the Academic process in National Pirogov Memorial Medical University, Vinnytsya (link <https://www.vnmu.edu.ua/>General information) at the time of work out schedule (published on the website of the department <https://www.vnmu.edu.ua/> Department of Skin and venereal diseases #) to the teacher on duty. To work out missed lesson student must answer questions in orally to the topic of the lesson. The reworking of missed lectures is carried out after providing a thesis of

lecture material, or writing an abstract, or preparing own presentation on the topic of missed lecture.

The procedure for admission to the discipline final control is given in the Regulation of the Academic process in National Pirogov Memorial Medical University, Vinnytsya (link [https://www.vnmu.edu.ua/General information](https://www.vnmu.edu.ua/General%20information)). Students who do not have missed practical classes and lectures and received an average traditional grade of at least "3" are allowed to final control.

Additional points. Individual points in the discipline that student can receive for individual work, is determined by the results of his individual work according to Regulation of the Academic process in National Pirogov Memorial Medical University, Vinnytsya (link [https://www.vnmu.edu.ua/General information](https://www.vnmu.edu.ua/General%20information)) and policy of the course.

Conflict resolution. In case of misunderstandings and complaints to the teacher because of the quality of educational services, knowledge assessment and other conflict situations, student should submit his / her claims to the teacher. If the issue is not resolved, the student has a right to apply to the head of the department according to Complaints Consideration Procedure ([https://www.vnmu.edu.ua/General information](https://www.vnmu.edu.ua/General%20information))/ Basic documents).

Politics in terms of remote learning. Distance learning regulated by the Regulations of the elements of remote learning in National Pirogov Memorial Medical University, Vinnytsya ([https://www.vnmu.edu.ua/General information](https://www.vnmu.edu.ua/General%20information)). The main training platforms for studying are Microsoft Team and Google Meets. Practical classes and lectures, exercises and consultations during distance learning is published on the website of the department ([https://www.vnmu.edu.ua/ Department of Skin and venereal diseases / Student](https://www.vnmu.edu.ua/Department%20of%20Skin%20and%20venereal%20diseases%20-%20Student) or [https://www.vnmu.edu.ua/ Department of Skin and venereal diseases / News](https://www.vnmu.edu.ua/Department%20of%20Skin%20and%20venereal%20diseases%20-%20News)).

Feedback from teachers is via messengers (Viber, Telegram, WhatsApp) or e-mail (at the teacher's choice) during working hours.

The algorithm of actions upon receiving the signal "Air alarm" and other warning signals, namely: interrupt the class, notify the students, organized under the guidance of the teacher who conducts the class, the students should proceed to the shelter and stay until the signal is canceled.

Educational resources.

Educational and methodological support of the discipline is published on the website of the department ([https://www.vnmu.edu.ua/ Department of Skin and venereal diseases / To students](https://www.vnmu.edu.ua/Department%20of%20Skin%20and%20venereal%20diseases%20-%20To%20students)). Consultations are hold once a week according to the schedule.

Recommended reading:

1. Family Medicine: textbook: in 3 books. – Book 3: . Multidisciplinary General Medical Practice Special part / L.S. Babinets, P.A. Bezditko, S.A. Bondar and et al. – Kyiv: AUS Medicine Publishing, 2020. – 616 p. (in English)
2. Dermatology, Venereology. Textbook / [Stepanenko V.I, Shupenko M.M., Mikheiev O.G. et al.]; under edit. of V.I. Stepanenko. – Kyiv: KIM, 2013. – 560 p. Д
3. V.H. Koliadenko, T.P. Vysochanska, O.I. Denysenko. Dermatovenereology Modules, Kyiv AUS Medicine Publishing, 2010, 231 p.
4. Fitzpatrick, James E.. Dermatology secrets in color [Text] / J. E. Fitzpatrick, J. L. Aeling. - 2. ed. - Philadelphia : Hanley & Belfus, 2001. - XIII, 498 p.: ill.
5. J.A.A. Hunter, J.A. Savin and M.V. Dahl. Clinical Dermatology, 3rd Edition, 2002. – 365 p.

Electronic resources:

ARTICLES ON Dermatology <https://emedicine.medscape.com/dermatology>
Atlas of skin diseases <https://logoderm.ru/atlas/>
Dermatology Online Journal <https://escholarship.org/uc/doj>
Dermatology Atlas

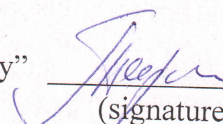
<http://www.meddean.luc.edu/lumen/MedEd/medicine/dermatology/melton/atlas.htm>
The Electronic Textbook of Dermatology <http://telemedicine.org/stamford.htm>

The timetable and distribution of groups with assigned teachers are published on the web page of the department ((<https://www.vnmu.edu.ua> / Department of Skin and venereal diseases / To students).

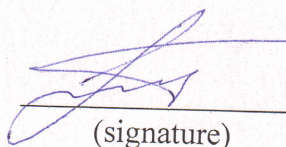
Questions to the final control (differential test) of the discipline are published on the web page of the department (<https://www.vnmu.edu.ua> / Department of Skin and venereal diseases / To students).

The syllabus of the discipline "Dermatology, Venereology" was discussed and approved at the meeting of the department of Skin and Venereal Diseases (record № 1 , dated " 29 " August 2023)

Responsible for the academic
discipline "Dermatology, Venereology"

 Ass-prof. of HEI Larisa GARMASH
(signature)

Head of the department of Skin and
Venereal Diseases

 Prof. of HEI Sergey BONDAR
(signature)