	Educational institution "Royal Metropolitan university"
	Quality Management System Syllabus of the discipline "Dermatovenerology" Specialty 560001 "General Medicine" EI "RMU"

Ministry of education and science of Kyrgyz Republic
EI "Royal Metropolitan University"
Department of clinical disciplines



SYLLABUS

by discipline "Dermatovenerology"
for students of specialty 560001 "General medicine"


Form of study	full-time
Course	4
Semester	8
Credit	4
Total hours according to the curriculum	120
Lectures	36
Practical exercises	36
Independent work	48

Syllabus developers:
Ass. Bayzakova A.K.

Reviewed and approved at a meeting of the
Department of "Clinical disciplines"
Protocol No. 1 from "9" 09 2024
Head of the department PhD Bekibaeva B.S.



 (signature)

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Teacher:

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Name and complexity of the discipline

Course	Semester	Number of weeks	Number of academic hours		Number of hours for independent work		Total hours	Number of modules
			Lectures	Practical classes	SIW	SIWT		
3	6	18	36	36	24	24	120	2

Annotation of Academic discipline

Skin and venereal diseases are very diverse in their clinical manifestations and are quite common. Therefore, doctors of all specialties often have to deal with such patients. In addition, skin changes are often only an external reflection of diseases of the internal organs, the central nervous system, or severe systemic diseases. Dermatology and venereology are not a "narrow" specialty, which only dermatologists should master. On the contrary, knowledge of its foundations and elements is necessary in the daily work of a doctor of any specialty, so one of the mandatory aspects of professional training is the task of teaching students to understand these issues.

The purpose of discipline:

Dermatovenereology is an integral and fundamental part of the clinical training of a specialist. As a result of studying this discipline, students develop important professional skills in examining dermatovenereological patients, the basics of clinical thinking, and medical ethics. Without mastering these main components to perfection, it is difficult to count on a sufficiently high-quality training of a doctor of any specialty. The purpose of teaching dermatovenereology is to teach methods of examination of patients with skin and venereal diseases, the rules of diagnosis, the principles of therapy and rehabilitation of patients.

Learning Objectives:

- To acquaint students with the basic concepts and modern concepts of general nosology about the most common skin diseases and venereal diseases;
- Master the basic methods of clinical and laboratory examination of skin and venereal patients;
- To study the nosological forms related to the competence of a general practitioner;
- To master the most important approaches to the treatment of skin diseases and sexually transmitted infections;



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- Acquire the practical skills necessary to recognize the most common skin diseases and venereal diseases;
- Introduce preventive measures to prevent the spread of contagious skin and venereal diseases;
- To form in students the methodological and methodological foundations of clinical thinking and rational action of a doctor;

After mastering the discipline "Dermatovenerology", the student:

Will know:

- etiology, pathogenesis and prevention measures of the most common diseases; modern classification of diseases;
- methods of clinical, laboratory, instrumental examination of patients;
- fundamentals of the organization of medical (outpatient and inpatient) care for various groups of the population, principles of medical examination of the population, rehabilitation of patients;
- criteria for the diagnosis of various diseases;
- features of the organization and scope of work of an outpatient doctor, modern diagnostic capabilities of the polyclinic service, methods of emergency measures, indications for planned hospitalization of patients;
- types of inheritance of diseases and clinical manifestations of hereditary pathology, general characteristics of diseases with hereditary predisposition, general principles and features of diagnosis of hereditary diseases, congenital anomalies;
- features of the organization of work with patients with STI;
- the main clinical manifestations of skin diseases and STI.

Will understand:

- proper maintenance of medical records;
- methods of general clinical examination;
- interpretation of the results of laboratory, instrumental diagnostic methods;
- by the algorithm of a detailed clinical diagnosis;
- the algorithm of making a preliminary diagnosis with the subsequent referral of the patient to the appropriate specialist doctor;
- the main medical diagnostic and therapeutic measures for the provision of first aid;

Will be able to use:

- collect anamnesis from a patient with a skin and venereal disease.
- examine the skin, hair, nails, mucous membranes, cranial lip border in adults and children.
- clinically identify primary and secondary morphological elements on the skin, lips and oral mucosa.
- to determine by secondary morphological elements the primary morphological elements preceding them.
- describe the clinical picture of lesions of the skin and mucous membrane of the oral cavity in adults and children.



-assume that the patient has a disease, about the clinic of which students should have an idea.

Will be able to:

- apply external dosage forms for various dermatoses, work in a dressing room.
- determine dermographism.
- psoriatic phenomena.
- evaluate the isomorphic Kebner reaction.
- use the Wood lamp for the diagnosis of microsporia and differential diagnosis of Lupus erythematosus and lichen planus on the red border of the lips.
- take smear prints and recognize acantholytic cells.
- take pathological material to identify scabies mite, pathogenic fungi and gonococci.
- remove elements of infectious (contagious) mollusk and prevent gonorrhoea eye diseases in newborns.

Will be able to analyze:

- the main dermatological and venereological symptoms and syndromes of diseases in patients
- using knowledge of the basics of biomedical and clinical disciplines, taking into account the course of the pathology of skin and mucous membrane lesions;

Will be able to synthesize:

in the differential diagnosis and substantiate the diagnosis.

Will be able to assess:

- the severity of the course of dermatosis and STIs
- determine the prognosis of the disease
- carry out anti-epidemic measures.

Contents of the academic discipline


No	Name sections and topics disciplines (lectures and practical exercises)	Auditory lessons				Total hours on classroom work	SIWT	SIW	Used educational technologies, methods of teaching	Forms of current and midterm control academic performance
		lectures	seminars	practical	laboratory					
1.	Introduction to dermatovenerolog. Anatomy. Physiology. Skin pathology.	2		2		4	2	2	Lecture-presentation, Small group method	Discussion forum.
2.	Primary and secondary morphological	2		2		4	1	1	Lecture-presentation, Forum type discussion	Control questions.



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	elements of the rash. Histomorphological changes in the skin.									
3.	Pyoderma.	2		2		4	1	1	Lecture- presentation, The Technique of "Small group" (TBL)	Testing. Analysis of clinical cases.
4.	Mycoses (keratomycosis, dermatomycosis, candidiasis)	2		2		4	2	2	Lecture- presentation, problem-based learning (PBL)	Discussion forum. Solving situational problems Checking the SIW.
5.	Scabies. Pediculosis. Leishmaniasis.	2		2		4	1	1	Lecture- presentation, The Technique of "Small group" (TBL)	Assessment of the development of practical skills (abilities).
6.	Viral skin diseases.	2		2		4	2	2	Lecture- presentation, Case-based learning (CBL)	Testing. Analysis of clinical cases.
7.	Psoriasis. Lichen planus. Pityriasis rosea Zhibera	2		2		4	2	2	Lecture- presentation, problem-based learning (PBL)	Assessment of the development of practical skills (abilities).
8.	Dermatitis. Eczema. Toxicoderma. MEE.	2		2		4	1	1	Lecture- presentation, Brainstorming	Testing. Analysis of clinical cases.
9.	Module 1			2		2				Testing
10.	Neurodermatosis (skin itch, pruritus, neurodermatitis, urticaria)	2		2		4	1	1	Lecture- presentation, Case-based learning (CBL)	Solving situational problems
11.	Vesical dermatoses (pemphigus, pemphigoid, Duhring's dermatitis herpetiformis)	2		2		4	1	1	Lecture- presentation, Forum type discussion;	Oral survey Checking the SIW.

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12.	Seborrhea, acne vulgaris and rosacea	2		2		4	1	1	Lecture-presentation, Case-based learning (CBL)	Oral questioning, Analysis of clinical cases.
13.	Diseases with diffuse lesions of the connective tissue	2		2		4	2	2	Lecture-presentation, The Technique of "Small group" (TBL)	Analysis of clinical cases.
14.	General pathology of syphilis. Syphilis I	2		2		4	1	1	Lecture-presentation, Brainstorming	Oral survey Checking the SIW.
15.	Syphilis II, III Treatment of syphilis	2		2		4	2	2	Lecture-presentation, role-playing game "Doctor-patient"	Testing. Analysis of clinical cases.
16.	Congenital syphilis. Neurosyphilis	2				2	1	1	Lecture-presentation, Case-based learning (CBL)	Solving situational problems
17.	Gonorrhoea, trichomoniasis, gardnerellosis	2		2		4	1	1	Lecture-presentation, Forum type discussion;	Control questions.
18.	Chlamydia, mycoplasmosis, ureaplasmosis	2		2		4	1	1	Lecture-presentation, problem-based learning (PBL)	Oral survey Checking the SIW.
19.	Genital herpes, urogenital candidiasis	2				2	1	1	Lecture-presentation, Case-based learning (CBL)	Assessment of the development of practical skills (abilities).
20.	Module 2			2		2				Testing
	Total hours by discipline:	36		36		72	24	24		

Methodological recommendations for practical exercises.

Before each seminar lesson, the student studies the lesson plan with a list of topics and questions, and a list of references. The following scheme of preparation for the seminar lesson is recommended for the student:

- study the topic of the lesson, guided by the basic and additional literature recommended for the section being studied;
- draw up a brief summary of the main provisions, terms, information
- answer questions from the seminar lesson plan;
- study the topic and select literature for preparing presentations, writing reports, etc.;




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- all types of independent work require preparation according to the specified list of literature;
- if you have any difficulties, formulate questions for the teacher.

Plan for organizing student's independent work

No	The topic of the student's independent work:	SIW task	Recommended literature	Deadlines delivery (week number)
1	Structure of the skin of newborns.	Abstract	Pediatric Dermatology DDX Deck 3rd Edition	1
2	Basic principles of skin disease therapy	Abstract	Handbook of Systemic Drug Treatment in Dermatology 3rd Edition	2
3	Deep mycoses	Presentation	Fitzpatrick's Color Atlas and Synopsis of Clinical Dermatology, Ninth Edition 9th Edition	3
4	Leprosy	Presentation	Clinical Dermatology Carol Soutor, Maria K. Hordinsky, 2008	4
5	Lupus erythematosu	Presentation	Andrews' Diseases of the Skin: Clinical Dermatology 13th Edition	5
6	Steven-Johnson syndromes	Abstract	Andrews' Diseases of the Skin: Clinical Dermatology 13th Edition	6
7	Lyell syndromes	Abstract	Fitzpatrick's Color Atlas and Synopsis of Clinical Dermatology, Ninth Edition 9th Edition	7
8	Occupational skin diseases	Abstract	Practice of dermatology, P.N. Behi, A. Aggarwal, Govind Srivastana, 9th edition, 2004, India	8
9	Parapsoriasis	Abstract	Fitzpatrick's Color Atlas and Synopsis of Clinical Dermatology, Ninth Edition 9th Edition	9
10	Quincke's edema	Presentation	Hunter J.A.A., Savin J.A. Clinical Dermatology, 2002	10
11	Borreliosis	Abstract	Andrews' Diseases of the Skin: Clinical Dermatology 13th Edition	11

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12	Vasculitis	Presentation	Fitzpatrick' Color Atlas and Synopsis of clinical dermatology, 2008.	12
13	Skin neoplasms	Presentation	Andrews' Diseases of the Skin: Clinical Dermatology 13th Edition	13
14	Features of skin manifestations in AIDS	Presentation	Atlas of sexually transmitted diseases and AIDS	14
15	Genodermatosis, Chancroid	Abstract	Brian Shmaefsky – Syphylis, 2003	15
16	Skin lymphomas	Presentation	Andrews' Diseases of the Skin: Clinical Dermatology 13th Edition	16
17	Kaposi's sarcoma	Presentation	Fitzpatrick Color Atlas and Synopsis of Clinical Dermatology, Ninth Edition 9th Edition	17
18	HIV/AIDS infection	Presentation	Atlas of sexually transmitted diseases and AIDS	18

Methodological recommendations for preparing independent work

SIWT - this is the planned work of students, carried out according to instructions and with methodological guidance and the direct participation of the teacher. The main task of the teacher is to teach the student how to independently work with the material, search for the necessary material, and the ability to process and interpret it.

The main types of independent work of students with the participation of teachers are:

- On going consultations;
- performing independent tasks during seminar classes;
- carrying out trial educational and research work;
- defense of abstracts and presentations.

The presentation is a set of slides designed to convey information to the audience clearly and effectively. The presentation allows you to supplement information with images, tables and diagrams.

Requirements for presentation design:

- The presentation is created on the specified topic;
- The volume of the presentation is at least 15 slides;
- The background of the slides is plain or matches the theme of the presentation;
- Text alignment is left, headings are centered;



- The text font on the slide is 28-30 pt; It is recommended to place drawings or illustrations, diagrams, tables on the slide;
- When creating a presentation, you can use both recommended literature and Internet resources indicating the source of information at the bottom of the slide or a list on the last slide;
- When defending, the clarity of the presentation, the content and compliance of the material with the topic of the presentation are taken into account.

Presentation evaluation criteria:

- relevance of the presentation to the given topic;
- preparation of the presentation according to the requirements;
- clarity of presentation of the topic;
- use of graphic images (photos, pictures, etc.) relevant to the topic.

An abstract is a brief written summary of the content of a scientific work on a given topic. This is an independent research work where the student reveals the essence of the problem under study with elements of analysis on the topic of the essay.

Presents various points of view, as well as his own views on the problems of the topic of the essay. The content of the abstract should be logical, the presentation of the material should be of a problem-thematic nature.

Requirements for writing an abstract:

The volume of the abstract can range from 9-10 printed or handwritten pages.

Main sections: table of contents (outline), introduction, main content, conclusion, bibliography.

The text of the abstract must contain the following sections:

- title page indicating: name of the university, department, topic of the abstract, full name of the author and full name of the teacher

–introduction, relevance of the topic

–main section

–conclusion (analysis of literature search results)

conclusions

–the list of references must have at least 10 bibliographic titles, including network resources.

The text part of the abstract is drawn up on a sheet of paper in the following format:

–top margin – 2 cm; left indent – 3 cm; indentation on the right – 1.5 cm; bottom indent – 2.5 cm;

–text font: Times New Roman, font height – 14, space – 1.5;

–Page numbering is at the bottom of the sheet. There is no number on the first page.

The abstract must be completed competently in compliance with the culture of presentation. There must be references to the literature used, including periodical literature for the last 5 years.

Abstract evaluation criteria:

–Relevance of the research topic;



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- relevance of the content to the topic;
- depth of material elaboration;
- correctness and completeness of development of the questions posed;
- the significance of the findings for further practical activities;
- correctness and completeness of use of literature;
- compliance of the abstract design with the standard;
- the quality of the message and answers to questions when defending the abstract.

List of basic and additional literature

Basic literature:

1. Fitzpatrick's Color Atlas and Synopsis of Clinical Dermatology, Ninth Edition 9th Edition 2019
2. Dermatology Made Easy 1st Edition 2017
3. Andrews' Diseases of the Skin: Clinical Dermatology 13th Edition 2019

Additional literature:

Дополнительная литература:

1. Handbook of Systemic Drug Treatment in Dermatology 3rd Edition
2. Pediatric Dermatology DDX Deck 3rd Edition
by Joseph G. Morelli MD (Author), Carla Torres-Zegarra MD (Author)

Evaluation criteria

Students' knowledge is monitored using a point-rating system in accordance with the approved "Instructions for assessing knowledge in cross-cutting disciplines and systemic (clinical) modules" of the ISM IUK

Scoring Criteria	Module 1,2,3
Attendance	20 points
Classroom work (activity in discussions, oral questioning, working with a glossary, availability of notes, etc.), independent work: abstract, presentation	40 points
Total per module (testing)	40 points
Total for the discipline (exam):	100 points

Evaluation criteria:

Criteria for evaluating the seminar session:

Rating "excellent"—student fully presents the material (answers the question), gives the correct definition of basic concepts; demonstrates an understanding of the material, can justify their judgments, apply knowledge in practice, give the necessary examples not only from the textbook, but also compiled independently; presents the material consistently and correctly;



Rated "good" –the student gives an answer that meets the same requirements as for an "excellent" grade, but makes 1–2 mistakes, which he himself corrects, and 1–2 shortcomings in the sequence and linguistic design of what is presented;

Rating "satisfactory" –the student demonstrates knowledge and understanding of the main provisions of this topic, but presents the material incompletely and makes inaccuracies in the definition of concepts or the formulation of rules; does not know how to substantiate his judgments deeply and convincingly enough and give his examples; presents the material inconsistently and makes mistakes in the language of the presentation;

Rating "unsatisfactory" –the student reveals ignorance of most of the relevant issue, makes mistakes in the formulation of definitions and rules that distort their meaning, and presents the material in a disorderly and uncertain manner.

Criteria for assessing abstracts:

Rating "excellent"– the abstract contains an introduction, main part and conclusion, there is a logical transition from one part to another; the content of the report is relevant to the topic, clear conclusions are drawn; The student demonstrates broad-mindedness when answering questions and good public speaking skills.

Rating "good"– the abstract is not divided into parts, but the content corresponds to the topic, the conclusions are more vague and illogical, the questions are answered well.

Rating "satisfactory"– the essay has no parts, no logic, the student reports uncertainly, relying on the text, and has difficulty answering questions.

Rating "unsatisfactory"– the content of the abstract does not correspond to the chosen topic, does not focus on the abstract, cannot draw conclusions, does not answer questions.

Presentation evaluation criteria:

Rating "excellent"–is issued to the student if:

- the presentation corresponds to the given topic;
- a title slide with a title (topic, goals, plan, etc.) is designed;
- the formulated topic is clearly presented and structured;
- graphic images (photos, pictures, etc.) corresponding to the topic were used;
- compliance with the speech culture of presenting the material;
- presence of conclusions;
- compliance with the regulations 5-7 min.

Rating "good"- is issued to the student if:

- the presentation corresponds to the given topic;
- a title slide with a title (topic, goals, plan, etc.) is designed;
- the formulated topic is not entirely clearly presented and structured;
- graphic images (photos, pictures, etc. of low image quality) relevant to the topic were used;



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- the material is presented in an accessible manner and complies with the time regulations

Rating "unsatisfactory" exhibited if the work is not completed or contains material not relevant to the question. In all other cases, the work is rated "satisfactory."

MSQ Assessment Criteria:

"Excellent" – 90-100% correct answers

"Good" – 76-89% correct answers

"Satisfactory" – 60-75% correct answers

"Unsatisfactory" – less than 60% correct answers

Scale of correspondence between grades and points at the final control (test)	
Points	Grade
90-100	"Great"
76-89	"Fine"
60-75	"satisfactorily"
0-59	"unsatisfactory"

Academic discipline policy:

1. Mandatory, regular attendance at practical classes.
2. For one missed lesson, 2 points are deducted when calculating ratings.
3. Mandatory implementation of SIW in various forms.
4. Submission of assignments on CDS at the specified time according to the thematic plan no later than one week corresponding to this section.
5. Passing the midterm test according to the thematic plan.
6. Active participation in the educational process.
7. Making up missed classes (less than 40% of classes) is possible only with the permission of the dean's office, indicating the exact number of classes during the period specified by the dean's office.
8. If more than 40% of classes are missed, the student is not allowed to work and receives a failure.
9. Don't be late for class.
10. Having a clean, ironed, white coat, being neatly dressed.
11. Respectful attitude towards teaching staff, teaching staff (educational support staff) and students.
12. Careful attitude towards the property of the department: furniture, equipment, flowers, chemical glassware, etc.