INTERNATIONAL HIGHER SCHOOL OF MEDICINE

Infectious Diseases Department

SYLLABUS
DERMATOVENEROLOGY
2026-2027 academic year
For students of medical faculty
4th, 8 semester , groups 1-48
4,0 credit (120 h, auditorial classes - 72 h, independent work – 48 h)

Lecturer:

Torobekova Saikal Alijanovna
+996550270319 (whatsapp)
Email : dr.saya17@mail.ru

Zakirov Tariel Zhoomartovich
+996772189057
E-mail: tarik90@mail.ru

Venue: Zoom

Practical classes:

Buranchieva Asel Djenishbecovna
+996555625000 (Whatsapp)
E-mail: buranchievasel@gmail.com

Torobekova Saikal Alijanovna
+996550270319 (whatsapp)
Email : dr.saya17@mail.ru

Zakirov Tariel Zhoomartovich
+996772189057
E-mail: tarik90@mail.ru

The Syllabus
is considered at the meeting
of the Infectious Diseases Department
Protocol № _1_ dated _26.08.2026 year_
Head of the department prof. Kutmanova A.Z.

Course Objective:
To form an understanding of the etiology, pathogenesis, clinical features, diagnosis, treatment, prevention, and complications of dermatological and venereal diseases.
After study of the discipline the student must:

To know:
- Etiology, pathogenesis and epidemiology of common dermatological and venereal diseases.
- Classification, clinical presentation, complications.
- Principles of diagnosis, differential diagnosis, laboratory and instrumental tests.
- Treatment approaches, outpatient and inpatient management.
- Prevention measures and patient counseling.

To be able to:
- Collect complaints, anamnesis, conduct examination.
- Identify and differentiate major dermatological and STDs syndromes.
- Prescribe and interpret diagnostic procedures.
- Formulate treatment and prevention plans.
- Conduct health education and counseling.

Skills:
- Practical skills of dermatological examination.
- Use of diagnostic methods (microscopy, serology, PCR).
- Recognition of dermatological emergencies.
- Practical skills in management of STDs.

Pre-requisites:
Normal and Pathological anatomy
Normal and Pathological physiology
Clinical pharmacology
Microbiology
Internal medicine

Post-requisites:
Family medicine
Internal medicine (advanced)

Thematic plan of the lecture course

Number	Topic of lecture	Number of hours	Dates
1	Introduction to dermatology and venereology. History of development, relevance of the discipline, organisation of dermatological and venereological care. Basic methods of examination in dermatology and venereology. Modern diagnostic approaches. Structure of the skin, primary and secondary morphological elements of the skin, pathomorphological changes in the skin.	2	15.09.-26.06
2	Infectious and viral skin diseases. Pyoderma, herpes zoster, molluscum contagiosum, warts.	2	15.09.-26.06
3	Parasitic skin diseases. Scabies, head lice, fungal infections.	2	15.09.-26.06
4	Allergic dermatoses. Dermatitis, toxicoderma, eczema	2	15.09.-26.06
5	Neurodermatitis. Itchy skin, pruritus, urticaria, neurodermatitis	2	15.09.-26.06
6	Scaly dermatoses. Psoriasis, lichen planus, pityriasis rosea of Gibert	2	15.09.-26.06
7	Bullous dermatoses. Pemphigus, herpetiform dermatitis of Dühring.	2	15.09.-26.06
8	Collagenoses. Discoid lupus erythematosus, scleroderma.	2	15.09.-26.06
9	Seborrhoea, acne, rosacea	2	15.09.-26.06
10	Syphilis. Etiology, pathogenesis, clinical forms, diagnosis and treatment. Primary syphilis	2	15.09.-26.06
11	Secondary syphilis. Clinical presentation, diagnosis, differential diagnosis. The latent period of syphilis.	2	15.09.-26.06
12	Tertiary syphilis, latent period of syphilis, neurosyphilis, syphilis of internal organs. Congenital syphilis. Diagnosis and prevention.	2	15.09.-26.06
13	Gonorrhoeal urethritis. Etiology, clinical manifestations, diagnosis, complications, treatment.	2	15.09.-26.06
14	Non-gonorrhoeal urethritis. Urogenital chlamydia, ureaplasmosis, mycoplasmosis, urogenital candidiasis, bacterial vaginosis. Clinical presentation, diagnosis, treatment. Genital herpes, papillomavirus infection.	2	15.09.-26.06
	Total	**28**	

Thematic plan of practical classes

№	Name of topic	Hours	Dates
	Unit 1: Infectious, viral and parasitic skin diseases		
1	Structure and functions of the skin. Primary and secondary morphological elements, pathomorphological changes in the skin. Basic methods of examination and principles of external treatment of skin diseases. Rules for describing dermatological status in medical history.	2	15.09.-26.06
2	Pyoderma: definition, classification, aetiology, clinical presentation, treatment.	2	15.09.-26.06
3	Viral skin diseases: herpes zoster, molluscum contagiosum, papillomas, herpes simplex, clinical presentation, diagnosis, treatment.	2	15.09.-26.06
4	Scabies, pediculosis, aetiology, clinical presentation, diagnosis, treatment, preventive measures.	2	15.09.-26.06
5	Mycoses, aetiology, classification. Keratomycoses, definition, clinical varieties, clinical presentation, diagnosis, treatment. Dermatomycoses, definition, clinical varieties, clinical presentation, diagnosis, treatment.	2	15.09.-26.06
6	Module №1	2	15.09.-26.06
	Unit 2: Non-infectious skin diseases		
7	Dermatitis. Contact dermatitis, allergic dermatitis, aetiology, pathogenesis, clinical picture, differential diagnosis, treatment.	2	15.09.-26.06
8	Toxicoderma. Erythema, Stevens-Johnson syndrome, Lyell's syndrome, clinical presentation, treatment.	2	15.09.-26.06
9	Eczema. Classification, clinical presentation, diagnosis, treatment	2	15.09.-26.06
10	Skin itching, pruritus, neurodermatitis, urticaria, types, aetiology, clinical presentation, differential diagnosis, treatment.	2	15.09.-26.06
11	Psoriasis. Etiology, pathogenesis, classification, diagnosis, differential diagnosis, treatment. Lichen planus, pityriasis rocasea of Gibert. Etiology, clinical presentation, differential diagnosis, treatment.	2	15.09.-26.06
12	Module №2	2	15.09.-26.06
	Unit 3: Autoimmune skin diseases		
13	Pemphigus. Etiology, classification, clinical presentation, diagnosis, differential diagnosis, treatment	2	15.09.-26.06
14	Dühring's herpetiform dermatitis. Etiology, clinical presentation, diagnosis, differential diagnosis, treatment	2	15.09.-26.06
15	Discoid lupus erythematosus. Etiology, clinical presentation, diagnosis, differential diagnosis, treatment	2	15.09.-26.06
16	Scleroderma. Clinical varieties, aetiology, clinical presentation, treatment.	2	15.09.-26.06
17	Seborrhoea, acne. Clinical varieties, etiology, clinical presentation, diagnosis, treatment. Rosacea. Etiology, clinical presentation, differential diagnosis, treatment.	2	15.09.-26.06
18	Module №3	2	15.09.-26.06
	Unit 4: Sexually transmitted infections		
19	Primary syphilis, clinical presentation, diagnosis, differential diagnosis, treatment, dispensary registration. Secondary syphilis, clinical presentation, diagnosis, differential diagnosis, treatment, dispensary registration.	2	15.09.-26.06
20	Tertiary syphilis, latent syphilis, neurosyphilis, syphilis of internal organs. Clinical presentation, diagnosis, treatment, dispensary observation. Congenital syphilis, stages, clinical presentation, diagnosis, treatment, dispensary observation.	2	15.09.-26.06

21	Gonorrhoeal urethritis. Etiology, classification, clinical presentation, diagnosis, complications, treatment, prevention. Non-gonorrhoeal urethritis. Trichomoniasis. Bacterial vaginosis. Etiology, clinical presentation, diagnosis, differential diagnosis, complications, treatment, prevention. Urogenital chlamydia, mycoplasmosis, ureaplasmosis. Etiology, clinical presentation, diagnosis, complications, treatment. Genital herpes, condyloma acuminata, urogenital candidiasis. Etiology, clinical presentation, diagnosis, treatment.	2	15.09.-26.06
22	Module №4	2	15.09.-26.06
	Total	**44**	

THEMATIC PLAN OF INDEPENDENT WORK OF STUDENTS

№	Name of topic	Number of hours
	Unit 1: Infectious, viral and parasitic skin diseases:	12
1	Anatomical features of the structure and functions of newborn skin	15.09.-26.06
2	Pyoderma in newborns	15.09.-26.06
3	Tuberculosis of the skin	15.09.-26.06
4	Leprosy, skin manifestations	15.09.-26.06
5	Leishmaniasis, skin manifestations	15.09.-26.06
6	Deep mycoses.	15.09.-26.06
	Unit 2: Non-infectious skin diseases	12
7	Occupational skin diseases	15.09.-26.06
8	Chronic migratory erythema	15.09.-26.06
9	Erythema nodosum	15.09.-26.06
10	Quincke's oedema, Stevens-Johnson syndrome, Lyell's syndrome, resuscitation measures	15.09.-26.06
11	Parapsoriasis	15.09.-26.06
12	Tumour diseases of the skin	15.09.-26.06
	Unit 3: Autoimmune skin diseases	12
13	Bullous epidermolysis	15.09.-26.06
14	Dermatomyositis, vasculitis (Raynaud's disease)	15.09.-26.06
15	Skin pigmentation disorders (vitiligo, white spot disease)	15.09.-26.06
16	Onychodystrophies	15.09.-26.06

17	Alopecia	15.09.-26.06
18	Hereditary skin diseases (Darie disease, ichthyosis)	15.09.-26.06
	Unit 4: Sexually transmitted infections	12
19	HIV infection, skin manifestations	15.09.-26.06
20	Donovanosis	15.09.-26.06
21	Soft chancre	15.09.-26.06
22	Venereal lymphogranuloma	15.09.-26.06
23	Reiter's disease	15.09.-26.06
24	Preventive measures for STIs.	15.09.-26.06
	Total	48

Recommended reading for the discipline:

Basic:

1. Neena Khanna, Illustrated Synopsis Dermatology 4th ed., 2011
2. Хэбиф Т.П., Кожные болезни, 2008
3. P.N. Behi, A. Aggarwal, Govind Srivastana, 9th edition, Practice of Dermatology, 2005
4. JS Pasricha, Ramji Gupta, 3rd edition, Illustrated textbook of dermatology, 2006
5. Neena Khanna, Illustrated Synopsis Dermatology and Sexually Transmitted Diseases, 2007
6. J.L. Bolognia, J.V. Schaffer, L.Cerroni. Dermatology – 4th Edition, 2018
7. K. Sardana. Textbook of Dermatology and Sexually Transmitted Diseases with HIV Infections, 2019

Additional:

1. Shakirova A.T., Kurmanalieva A.U., Torobekova S.A., Zakirov T., Metodical recomedations
2. «Skin structure,histopathology.Elements of rush. Diagnostic techiques in dermatology»,ISM, Bishkek.
3. Department of infectious diseases and dermatovenerology, 2020
4. Shakirova A.T., Kurmanalieva A.U., Torobekova S.A., Zakirov T., Metodical recomedations
5. «Scabies,pediculosis», ISM, Bishkek. Department of infectious diseases and dermatovenerology, 2020
6. Shakirova A.T., Kurmanalieva A.U., Torobekova S.A., Zakirov T., Metodical recomedations
7. «Mycoses», ISM, Bishkek. Department of infectious diseases and dermatovenerology, 2020
8. Shakirova A.T., Kurmanalieva A.U., Torobekova S.A., Zakirov T., Metodical recomedations

9. «Pyoderma», ISM, Bishkek. Department of infectious diseases and dermatovenerology, 2020
10. Shakirova A.T., Kurmanalieva A.U., Torobekova S.A., Zakirov T., Tests, case studies on dermatovenerology, », ISM, Bishkek. Department of infectious diseases and dermatovenerology, 2020

Online sourses:

1. WHO guidelines (https://www.who.int/news-room/fact-sheets/detail/e-coli)
2. CDC guidelines (https://www.cdc.gov/infection-control/hcp/healthcare-personnel-epidemiology-control/pertussis.html)
3. National library of Medicine (https://www.ncbi.nlm.nih.gov/books/NBK519008/)

Grading policy and procedures for all types of work

For the period of studying the discipline, the student gains points for the relevant parameters (per unit):
current score - 40 points
independent work - 20 points
control score (final assessment of knowledge per unit) - 40 points
Maximum score - 100 (40+20+40)

Grading system for student's achievements

Grading criteria per discipline				
Maximum score	Intervals			
	«unsatisfactory»	«satisfactory»	«good»	«excellent»
Current control - 40	0-23	24-30	31-35	36-40
Interval description	Does not perform the task, does not know and does not understand the lecture material of the lesson, which prevents further assimilation of the program; cannot apply the acquired knowledge to solving situational	Does not complete the task in full, has gaps in the assimilation of lecture material, has difficulties in applying knowledge to solve situational	Performs the task in full, knows the lecture material, but sometimes makes mistakes when solving situational tasks and test	Performs the task in full, easily applies knowledge and skills in solving situational tasks and test questions, rarely makes mistakes, gives

	tasks, test questions. Does not answer the questions of the teacher During the examination of the patient does not have practical skills	problems, test questions; does not fully and accurately answer the teacher's questions. When examining a patient, he has little practical skills	questions, understands the main content of the lecture material, gives correct answers to the teacher's questions. During the examination of the patient, he partially possesses practical skills	complete and correct answers to the teacher's questions. When examining a patient, he fully possesses practical skills
Independent work - 20	0-11	12-15	16-17	18-20
Interval description	Presentation, report, table, situational task are missing	The content of the presentation, report, tables partially correspond to the given topic, the sequence of presentation of theoretical questions is broken: etiology, pathogenesis, epidemiology, clinic, differential diagnosis, laboratory diagnostics, treatment and prevention. Situational tasks contain little	The content of the presentation, report, tables do not fully correspond to the given topic, the sequence of presentation of theoretical issues (etiology, pathogenesis, epidemiology, clinic, differential diagnosis, laboratory diagnostics, treatment and prevention) is not fully	The content of the presentation, report, tables correspond to the given topic, the sequence of presentation of theoretical questions (etiology, pathogenesis, epidemiology, clinic, differential diagnosis, laboratory diagnostics, treatment and prevention) is completely preserved. Situational tasks contain

		description of the clinical case	preserved. Situational tasks do not fully contain a description of a clinical case	a description of the entire clinical case
Control work (module) - 40	0-23	24-30	31-35	36-40
Interval description	Does not know the answers to test questions and situational tasks	Poorly knows the answers to test questions and situational tasks	Knows the answers to test questions and situational tasks well	Perfectly knows the answers to test questions and situational tasks

Conduct Policy: (lateness, absence, behavior in the auditorium, late submission of work).
- Punctuality and completion of tasks.
- Mandatory attendance of classes.
- Attending class in a clean medical uniform.
- Eliminating conversations on a cell phone in the classroom.
- Active participation in the learning process.
- Doing homework on time.
- Academic detention at the time specified by the teacher.

For violations of the Conduct Policy, the total points for discipline might be reduced to 1-5 points.

Academic Ethics Policy.
- Be tolerant, respect the opinions of others.
- Formulate objections in the correct form.
- Constructively support feedback in all classes.
- Plagiarism and other forms of dishonest work are unacceptable. Plagiarism includes the following: the absence of references when using printed and electronic materials, quotes, thoughts and works of other authors or students.
- Prompting and cheating during tests, exams, classes is unacceptable as well as passing an exam for another student, unauthorized copying of materials.

For violations of the Academic Ethics Policy, the total points for the discipline may be reduced to 1-5 points.

Guidelines for the classes of the discipline

Unit N°1. Infectious, viral and parasitic skin diseases

Class 1. Lecture 1. Introduction to dermatology and venereology. (2 hrs)

Key questions covered in Lecture 1:
• History and development of dermatology and venereology.
• Relevance of the discipline in modern medicine.
• Organization of dermatological and venereological care.
• Structure and functions of the skin.

• Primary and secondary morphological elements.
• Modern diagnostic approaches..

Class 2. Lecture 2. Infectious and viral skin diseases. (2 hrs)
Key questions covered in Lecture 2:
•-Etiology and classification of pyoderma.
• Herpes zoster: pathogenesis, clinical features, treatment.
• Molluscum contagiosum: epidemiology, clinical picture, treatment.
• Warts and papillomas: viral etiology, diagnosis, management..

Class 3. Lecture 3. Parasitic skin diseases. (2 hrs)
Key questions covered in Lecture 3:
• Scabies: etiology, transmission, clinical presentation, treatment.
• Pediculosis: types, diagnosis, treatment, prevention.
• Fungal infections: keratomycoses, dermatomycoses, candidiasis.

Class 4. Practical class 1. Structure and functions of the skin. Morphological elements. (2hrs)
Key questions covered in Practical class 1:
• Study of primary and secondary morphological elements.
• Techniques of external examination.
• Description of dermatological status in medical records.Discussion of the viral agents of acute intestinal infections and their pathogenesis, clinical course and laboratory diagnosis.

Class 5. Practical class 2. Pyoderma. (2hrs)
Key questions covered in Practical class 2:
- Etiology and classification of pyoderma.
- Clinical forms (impetigo, folliculitis, sycosis).
- Treatment principles.

Class 6. Practical class 3. Viral skin diseases. (2hrs)
Key questions covered in Practical class 3:
• Herpes simplex, herpes zoster: clinical features and treatment.
• Molluscum contagiosum, papillomas.
• Laboratory diagnostics.

Class 7. Practical class 4. Parasitic skin diseases. (2hrs)
Key questions covered in Practical class 4 :
• Scabies: etiology, transmission, treatment.
• Pediculosis: clinical features, prevention.

Class 8. Practical class 5. Mycoses. (2hrs)
Key questions covered in Practical class 5 :
• Keratomycoses, dermatomycoses: clinical forms, diagnostics.
• Candidiasis: etiology, diagnosis, treatment.

Class 9. Practical class 6. Module №1. (2hrs)
Key questions covered in Module 1:
-Solving MSQ (40)
-Solving clinical cases (10)
-Vivo session

Unit №2. Non-infectious skin diseases

Class 10. Lecture 4. Allergic dermatoses. (2hrs)
Key questions covered in Lecture 4:

- Contact dermatitis: etiology, pathogenesis, clinical picture.
- Allergic dermatitis and eczema: classification, treatment.
- Toxicoderma: clinical features, complications, management.

Class 11. Lecture 5. Neurodermatitis. (2hrs)
Key questions covered in Lecture 5:
• Pathogenesis and clinical forms of neurodermatitis.

• Pruritus: causes, classification, differential diagnosis.

• Urticaria: etiology, pathogenesis, clinical features, treatment.

Class 12. Lecture 6. Scaly dermatoses. (2hrs)
Key questions covered in Lecture 6:
• Psoriasis: etiology, pathogenesis, clinical presentation, treatment.
• Lichen planus: clinical forms, diagnosis, differential diagnosis.
• Pityriasis rosea of Gibert.

Class 13. Practical class 7. Dermatitis. (2hrs)
Key questions covered in Practical class 10:
• Contact and allergic dermatitis: etiology, pathogenesis.
• Differential diagnosis.
• Treatment approaches.

Class 14. Practical class 8. Toxicoderma. (2hrs)

Key questions covered in Practical class 11:
• Clinical presentation of erythema multiforme.
• Stevens-Johnson and Lyell's syndromes.
• Emergency management.

Class 15. Practical class 9. Eczema. (2hrs)

Key questions covered in Practical class 12:

• Classification, pathogenesis.
• Clinical varieties.
• Treatment principles.

Class 16. Practical class 10. Pruritus, neurodermatitis, urticaria. (2hrs)

Key questions covered in Practical class 13:

• Differential diagnosis of pruritic dermatoses.
• Treatment options.

Class 17. Practical class 11. Psoriasis, lichen planus, pityriasis rosea. (2hrs)

Key questions covered in Practical class 14:

• Pathogenesis of psoriasis.
• Differential diagnosis with lichen planus.
• Treatment modalities.

Class 18. Practical class 12. Module №2. (2hrs)

Key questions covered in Module 2:

-Solving MSQ (40)
-Solving clinical cases (10)
-Vivo session

Unit №3. Autoimmune skin diseases

Class 19. Lecture 7. Bullous dermatoses. (2hrs)
Key questions covered in Lecture 7:

- Pemphigus: classification, pathogenesis, clinical features.
- Dühring's dermatitis herpetiformis: etiology, clinical presentation, diagnosis.

Class 20. Lecture 8. Bullous dermatoses. (2hrs)
Key questions covered in Lecture 8:

• Discoid lupus erythematosus: etiology, pathogenesis, clinical features.
• Scleroderma: types, clinical manifestations, complications, treatment.

Class 21. Lecture 9. Seborrhoea, acne, rosacea. (2hrs)
Key questions covered in Lecture 9:

- Pathogenesis of seborrhoea and acne vulgaris.
- Clinical varieties of acne, complications, management.
- Rosacea: classification, clinical features, treatment.

Class 22. Practical class 13. Pemphigus. (2hrs)
Key questions covered in Practical class 16:

• Classification and etiology.
• Clinical presentation and complications.
• Treatment.

Class 23. Practical class 14. Dühring's dermatitis herpetiformis. (2hrs)
Key questions covered in Practical class 17:

• Etiology, pathogenesis.
• Clinical picture, diagnosis.
• Differential diagnosis and treatment.

Class 24. Practical class 15. Lupus erythematosus. (2hrs)
Key questions covered in Practical class 18:

• Discoid lupus: diagnosis and treatment.
• Systemic forms and complications.

Class 25. Practical class 16. Scleroderma. (2hrs)
Key questions covered in Practical class 19:
• Etiology, clinical varieties.
• Management strategies.

Class 26. Practical class 17. Seborrhoea, acne, rosacea. (2hrs)
Key questions covered in Practical class 20:
- Clinical types and diagnosis.
- Differential diagnosis.
- Treatment principles.

Class 27. Practical class 18. Module №3. (2hrs)
Key questions covered in Module 3:
-Solving MSQ (40)
-Solving clinical cases (10)
-Vivo session

Unit №4. Sexually transmitted infections

Class 28. Lecture 10. Syphilis. Primary syphilis. (2hrs)
Key questions covered in Lecture 10:
• Etiology and pathogenesis of syphilis.
• Clinical presentation of primary syphilis.
• Methods of laboratory diagnosis (dark field microscopy, serology).
• Principles of treatment and prevention.

Class 29. Lecture 11. Secondary period of syphilis. (2hrs)
Key questions covered in Lecture 11:
• Clinical manifestations of secondary syphilis.
• Differential diagnosis with other dermatoses.
• Latent period of syphilis.

Class 30. Lecture 12. Tertiary syphilis, neurosyphilis, congenital syphilis. (2hrs)
Key questions covered in Lecture 12:
• Clinical features of tertiary syphilis.
• Neurosyphilis and syphilis of internal organs.
• Congenital syphilis: stages, diagnosis, prevention.

Class 31. Lecture 13. Gonorrhoeal urethritis. (2hrs)
Key questions covered in Lecture 13:
• Etiology, clinical manifestations.
• Diagnostic methods (microscopy, PCR, culture).
• Complications, treatment, prevention.

Class 32. Lecture 14. Non-gonorrhoeal urethritis. (2hrs)
Key questions covered in Lecture 14:
• Chlamydia, mycoplasmosis, ureaplasmosis: etiology, clinical features, complications.
• Trichomoniasis, bacterial vaginosis, candidiasis.
• Genital herpes, papillomavirus infection.

• Diagnosis, differential diagnosis, treatment, prevention.

Class 33. Practical class 19. Syphilis: primary and secondary. (2hrs)
Key questions covered in Practical class 21:
• Clinical presentation and differential diagnosis.
• Laboratory diagnostics.
• Treatment and follow-up.

Class 34. Practical class 20. Tertiary syphilis, neurosyphilis, congenital syphilis (2hrs)
Key questions covered in Practical class 22:
• Clinical features.
• Diagnosis and prevention.
• Dispensary observation.

Class 35. Practical class 21. Gonorrhoeal and non-gonorrhoeal urethritis, STIs (2hrs)
Key questions covered in Practical class 23:

- Gonorrhoea: clinical features, complications, treatment.
- Chlamydia, trichomoniasis, bacterial vaginosis, mycoplasmosis, ureaplasmosis.
- Genital herpes, condyloma acuminata, candidiasis.
- Prevention strategies.

Class 36. Practical class 22. Module №4. (2hrs)
Key questions covered in Module 4:

-Solving MSQ (40)
-Solving clinical cases (10)
-Vivo session

Methodological instructions for the implementation of independent work on the discipline
For each topic, students, working independently, should be able:

- identify the leading symptoms and syndromes of dermatoses and sexually transmitted infections;
- conduct differential diagnosis of major skin diseases and STIs;
- interpret laboratory data (microscopy, culture studies, serological reactions, PCR, etc.);
- assess complications and prognosis;
- propose a rational treatment and prevention plan.