

INTERNATIONAL HIGHER SCHOOL OF MEDICINE

Infectious Diseases Department

SYLLABUS

Dermatovenerology

2025-2026 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:

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Practical classes:

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The Syllabus
is considered at the meeting
of the Infectious Diseases Department
Protocol № 2 dated 29.08.2025 year 2025
Head of the department prof. Kutmanova A.Z. 

Course Objective:

Formation of the basics of clinical thinking and medical ethics, training in methods of examining patients with skin and venereal diseases, rules of diagnosis and principles of therapy and rehabilitation of patients.

After study of the discipline the student must:**Knowledge:**

- Anatomical, physiological, age-related, and gender-related features of the skin and its appendages;
- Pathomorphological processes underlying various dermatological conditions;
- Principles of organizing dermatovenereological services (outpatient clinic, hospital);
- Maintaining records to monitor the spread of contagious skin and venereal diseases;
- Specific aspects of examining a dermatovenereological patient;
- Main clinical symptoms and syndromes of the most common skin diseases and infections, primarily sexually transmitted;
- Diagnostic methods for the most common skin diseases and infections, primarily sexually transmitted;
- Basic principles of treating patients with dermatovenereological diseases;
- Principles of drug therapy, pharmacokinetics, and pharmacodynamics of the main groups of drugs used to treat patients with dermatovenereological diseases.

Skill:

- Collecting anamnesis, establish possible causes of the disease in typical (most common) cases;
- Conduct a physical examination and identify objective signs of disease;
- Check for dermatographism, pilomotor reflex, diascopy, 'probe' sign, and other skin examinations;
- Perform diagnostic tests for psoriasis;
- Perform a Balzer test;
- Examine the patient under a Wood's lamp to rule out fungal pathology;
- Collect material from the patient for fungal elements;
- Collect material from the patient for pale treponema and a general smear for sexually transmitted infections;
- Apply lotions, wet-to-dry dressings, and ointments for various skin diseases;
- Prescribe the most common topical medications in dermatovenereology;
- Develop a plan for additional laboratory and instrumental examination of the patient;
- Independently diagnose the main clinical syndromes, conduct differential diagnostics, formulate and justify a clinical diagnosis;
- Establish a clinical diagnosis of the most common skin diseases and sexually transmitted infections and justify this diagnosis;
- Develop a treatment and diagnostic strategy taking into account the individual and pathogenetic characteristics of the disease's development, the clinical course of the disease, the presence of complications and comorbidities;
- Evaluate the results of laboratory tests;
- Be able to present the results of the patient's examination in the form of a medical history with a rationale for the clinical diagnosis;
- Develop a plan for rehabilitation and preventive measures

Attitude:

- principles of anamnesis collection;
- skills for conducting correct physical examination;
- techniques for analyzing the results of clinical laboratory, immunological, and biochemical studies, as well as specialized diagnostic methods in dermatovenereology;
- practical skills for examining a dermatovenereological patient and performing symptomatic diagnostics;

Pre-requisites:

- Anatomy (macro and microanatomy)
- Medical biology
- Normal physiology
- General pathology
- Microbiology, virology and immunology
- Latin
- Propaedeutics
- Basic pharmacology

Post-requisites:

- Family medicine
- Outpatient therapy

THEMATIC PLAN OF LECTURES

№	Theme of lecture	Hours	Date
1	Structure and functions of the skin	2	25.08.-31.05

2	Infectious and viral skin diseases	2	25.08.-31.05
3	Parasitic skin diseases	2	25.08.-31.05
4	Allergic dermatoses	2	25.08.-31.05
5	Neurodermatoses	2	25.08.-31.05
6	Scaly dermatoses	2	25.08.-31.05
7	Bullous dermatoses	2	25.08.-31.05
8	Collagenoses	2	25.08.-31.05
9	Seborrhoea, acne, rosacea	2	25.08.-31.05
10	Primary syphilis	2	25.08.-31.05
11	Secondary syphilis	2	25.08.-31.05
12	Tertiary syphilis. Congenital syphilis	2	25.08.-31.05
13	Gonorrhoeal urethritis	2	25.08.-31.05
14	Non-gonorrhoeal urethritis	2	25.08.-31.05
	Total	28	

THEMATIC PLAN OF PRACTICAL CLASSES

№	Theme of practical class	Hours	Date
	Unit 1: Infectious, viral and parasitic skin diseases		
1	Structure and functions of the skin, pathohistological changes in the skin. Elements of the skin	2	25.08.-31.05
2	Pyoderma	2	25.08.-31.05
3	Viral skin diseases	2	25.08.-31.05
4	Scabies, pediculosis	2	25.08.-31.05
5	Mycoses	2	25.08.-31.05
6	Control of Unit No. 1	2	25.08.-31.05
	Unit 2: Non-infectious skin diseases		
7	Dermatitis.	2	25.08.-31.05
8	Toxicoderma	2	25.08.-31.05
9	Eczema	2	25.08.-31.05
10	Atopic dermatitis	2	25.08.-31.05
11	Psoriasis. Lichen planus. Pityriasis rosea of Gibert	2	25.08.-31.05
12	Control of Unit No. 2	2	25.08.-31.05
	Unit 3: Autoimmune skin diseases		
13	Pemphigus	2	25.08.-31.05
14	Dühring's herpetiform dermatitis	2	25.08.-31.05
15	Discoid lupus erythematosus	2	25.08.-31.05
16	Scleroderma	2	25.08.-31.05
17	Seborrhoea, acne, rosacea	2	25.08.-31.05
18	Control of Unit No. 3	2	25.08.-31.05
	Unit 4: Sexually transmitted infections		
19	Primary syphilis. Secondary syphilis	2	25.08.-31.05
20	Tertiary syphilis. Latent syphilis. Congenital syphilis	2	25.08.-31.05
21	Gonorrhoeal urethritis. Non-gonorrhoeal urethritis	2	25.08.-31.05
22	Control of Unit No. 4	2	
	Total	44	

THEMATIC PLAN OF INDEPENDENT WORK OF STUDENTS

№	Theme of independent work	Hours	Date
	Unit 1: Infectious, viral and parasitic skin diseases:	12	
1	Anatomical features of the structure and functions of newborn skin		
2	Pyoderma in newborns		
3	Tuberculosis of the skin		
4	Leprosy, skin manifestations		
5	Leishmaniasis, skin manifestations		
6	Deep mycoses.		

	Unit 2: Non-infectious skin diseases	12	
7	Occupational skin diseases		
8	Chronic migratory erythema		
9	Erythema nodosum		
10	Quincke's oedema, Stevens-Johnson syndrome, Lyell's syndrome, resuscitation measures		
11	Parapsoriasis		
12	Tumour diseases of the skin		
	Unit 3: Autoimmune skin diseases	12	
13	Bullous epidermolysis		
14	Dermatomyositis, vasculitis (Raynaud's disease)		
15	Skin pigmentation disorders (vitiligo, white spot disease)		
16	Onychodystrophies		
17	Alopecia		
18	Hereditary skin diseases (Darie disease, ichthyosis)		
	Unit 4: Sexually transmitted infections	12	
19	HIV infection, skin manifestations		
20	Donovanosis		
21	Soft chancre		
22	Venereal lymphogranuloma		
23	Reiter's disease		
24	Preventive measures for STIs.		
	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

Additional:

1. Shakirova A.T., Kurmanalieva A.U., Torobekova S.A., Zakirov T., Metodical recommendations «Skin structure, histopathology. Elements of rash. Diagnostic techniques in dermatology», ISM, Bishkek. Department of infectious diseases and dermatovenerology, 2020
2. Shakirova A.T., Kurmanalieva A.U., Torobekova S.A., Zakirov T., Metodical recommendations «Scabies, pediculosis», ISM, Bishkek. Department of infectious diseases and dermatovenerology, 2020
3. Shakirova A.T., Kurmanalieva A.U., Torobekova S.A., Zakirov T., Metodical recommendations «Mycoses», ISM, Bishkek. Department of infectious diseases and dermatovenerology, 2020
4. Shakirova A.T., Kurmanalieva A.U., Torobekova S.A., Zakirov T., Metodical recommendations «Pyoderma», ISM, Bishkek. Department of infectious diseases and dermatovenerology, 2020
5. 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 sources:

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
The criteria should be described in intervals.	<p>fragmentary knowledge; refusal to answer; knowledge of individual recommended sources; inability to use scientific terminology; presence of gross errors;</p>	<p>sufficient minimum knowledge; mastery of the basic literature recommended by the practical training programme;</p> <p>ability to navigate the basic concepts and trends and evaluate them;</p> <p>logical presentation of answers to questions, ability to draw conclusions without significant errors;</p>	<p>sufficiently comprehensive and systematic knowledge;</p> <p>ability to navigate key concepts and trends and critically evaluate them; use of scientific terminology and logically correct presentation of answers to questions;</p> <p>ability to draw reasoned conclusions;</p> <p>mastery of the core literature recommended by the practical training programme;</p>	<p>systematic, in-depth and comprehensive knowledge of the programme;</p> <p>accurate use of scientific terminology, systematic, literate and logically correct presentation of answers to questions;</p> <p>complete and in-depth mastery of the main literature recommended by the programme, free command of information from additional literature sources;</p> <p>ability to navigate the concepts and directions of the discipline and critically evaluate them using scientific achievements from other disciplines;</p>
Independent work - 20	0-11	12-14	15-17	18-20
The criteria should be described in intervals.	When completing an independent assignment, the student demonstrated an	The student completed the independent assignment with	The student completed the independent assignment	The student correctly completed the independent

	<p>insufficient level of knowledge, skills and abilities in solving problems within the scope of the learned material. When answering additional questions, numerous inaccuracies were made.</p> <p>The student demonstrated insufficient knowledge of the subject matter, skills and abilities in solving problems within the scope of the learned material. When answering additional questions, numerous inaccuracies were made.</p>	<p>significant inaccuracies. Demonstrated satisfactory mastery of the skills of applying the knowledge and skills acquired in solving problems within the scope of the learned material. Many inaccuracies were made in answering additional questions.</p>	<p>with minor inaccuracies. Demonstrated good command of the skills to apply the knowledge and abilities acquired in solving problems within the scope of the learned material. Answered most of the additional questions.</p>	<p>assignment. Demonstrated excellent mastery of the skills of applying the knowledge and abilities acquired in solving problems within the framework of the learned material. Answered all additional questions.</p>
Control work (module) - 40	0-23	24-30	31-35	36-40
The criteria should be described in intervals.	The student did not fully complete the test assignment, demonstrating an insufficient level of knowledge and skills, and was unable to explain the result obtained.	<p>The student completed the test assignment in full, but made significant errors and failed to demonstrate the ability to correctly interpret</p> <p>the results obtained</p>	The student completed the test assignment in full, demonstrating good knowledge and skills, but was unable to justify the optimality of the proposed solution.	The student completed the test assignment in full, demonstrating excellent knowledge and skills within the scope of the material covered.
Total – 100	0-59	60-75	76-89	90-100
The criteria should be described in intervals.	The student demonstrated an insufficient level of knowledge, abilities, and skills. When answering additional questions, many incorrect answers were given.	The student demonstrated satisfactory knowledge, abilities and skills within the scope of the learned material and in solving professional tasks.	The student demonstrated good knowledge, skills and abilities with minor inaccuracies in the scope of the learned material and in solving	The student demonstrated excellent knowledge, abilities and skills in the acquired educational material and in solving

		There were many inaccuracies in the answers to additional questions.	professional tasks. Answered most of the additional questions.	professional tasks. He answered all additional questions.
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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 1-10 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 1-10 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.

Recommended reading for the lesson:

1. Neena Khanna, Illustrated Synopsis Dermatology 4th ed., 2011, p 1-50
2. Хэбиф Т.П., Кожные болезни, 2008, p 3-8, 12-55
3. P.N. Behi, A. Aggarwal, Govind Srivastana, 9th edition, Practice of Dermatology, 2005, p 1-10
4. JS Pasricha, Ramji Gupta, 3rd edition, Illustrated textbook of dermatology, 2006, p 1-7

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.

Recommended reading for the lesson:

1. Neena Khanna, Illustrated Synopsis Dermatology 4th ed., 2011, p 95-110, 153-160, 165-185
2. Хэбиф Т.П., Кожные болезни, 2008, p 135-150, 200-210, 215-230
3. P.N. Behi, A. Aggarwal, Govind Srivastana, 9th edition, Practice of Dermatology, 2005, p 1-10
4. JS Pasricha, Ramji Gupta, 3rd edition, Illustrated textbook of dermatology, 2006, p 70-85, 120-130, 135-150

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.

Recommended reading for the lesson:

1. Neena Khanna, Illustrated Synopsis Dermatology 4th ed., 2011, p 186-220
2. Хэбиф Т.П., Кожные болезни, 2008, 240-255, 260-280
3. JS Pasricha, Ramji Gupta, 3rd edition, Illustrated textbook of dermatology, 2006, p 151-165, 170-190

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.

Recommended reading for the lesson:

1. Neena Khanna, Illustrated Synopsis Dermatology 4th ed., 2011, p 26-50
2. Хэбиф Т.П., Кожные болезни, 2008, p 30-55
3. Shakirova A.T., Kurmanalieva A.U., Torobekova S.A., Zakirov T., Metodical recommendations «Skin structure, histopathology. Elements of rash. Diagnostic techniques in dermatology», ISM, Bishkek. Department of infectious diseases and dermatovenerology, 2020, p 5-30
4. JS Pasricha, Ramji Gupta, 3rd edition, Illustrated textbook of dermatology, 2006, p 10-25

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.

Recommended reading for the lesson:

1. Neena Khanna, Illustrated Synopsis Dermatology 4th ed., 2011, p 95-115
2. Хэбиф Т.П., Кожные болезни, 2008, p 135-155
3. Shakirova A.T., Kurmanalieva A.U., Torobekova S.A., Zakirov T., Metodical recommendations «Pyoderma», ISM, Bishkek. Department of infectious diseases and dermatovenerology, 2020, p 1-25
4. JS Pasricha, Ramji Gupta, 3rd edition, Illustrated textbook of dermatology, 2006, p 70-90

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.

Recommended reading for the lesson:

1. Neena Khanna, Illustrated Synopsis Dermatology 4th ed., 2011, p 145-160, 165-170
2. Хэбиф Т.П., Кожные болезни, 2008, p 190-210, 215-230
3. JS Pasricha, Ramji Gupta, 3rd edition, Illustrated textbook of dermatology, 2006, p 115-130, 135-150

Class 7. Practical class 4. Parasitic skin diseases. (2hrs)**Key questions covered in Practical class 4 :**

- Scabies: etiology, transmission, treatment.
- Pediculosis: clinical features, prevention.

Recommended reading for the lesson:

1. Neena Khanna, Illustrated Synopsis Dermatology 4th ed., 2011, p 186-200
2. Хэбиф Т.П., Кожные болезни, 2008, 240-255
3. JS Pasricha, Ramji Gupta, 3rd edition, Illustrated textbook of dermatology, 2006, p 151-165
4. Shakirova A.T., Kurmanalieva A.U., Torobekova S.A., Zakirov T., Metodical recommendations «Scabies, pediculosis», ISM, Bishkek. Department of infectious diseases and dermatovenerology, 2020, p 16-25

Class 8. Practical class 5. Mycoses. (2hrs)

Key questions covered in Practical class 5 :

- Keratomycoses, dermatomycoses: clinical forms, diagnostics.
- Candidiasis: etiology, diagnosis, treatment.

Recommended reading for the lesson:

1. Neena Khanna, Illustrated Synopsis Dermatology 4th ed., 2011, p 201-220
2. Хэбиф Т.П., Кожные болезни, 2008, 260-280
3. JS Pasricha, Ramji Gupta, 3rd edition, Illustrated textbook of dermatology, 2006, p 170-190
4. Shakirova A.T., Kurmanalieva A.U., Torobekova S.A., Zakirov T., Metodical recommendations «Mycoses», ISM, Bishkek. Department of infectious diseases and dermatovenerology, 2020, p 1-30

Class 9. Practical class 6. Module №1. (2hrs)

Key questions covered in Module 1:

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

Recommended reading for the lesson:

1. 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

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.

Recommended reading for the lesson:

1. Neena Khanna, Illustrated Synopsis Dermatology 4th ed., 2011, p 221-250
2. Хэбиф Т.П., Кожные болезни, 2008, 310-345
3. JS Pasricha, Ramji Gupta, 3rd edition, Illustrated textbook of dermatology, 2006, p 200-235

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.

Recommended reading for the lesson:

1. Neena Khanna, Illustrated Synopsis Dermatology 4th ed., 2011, p 74-124
2. P.N. Behi, A. Aggarwal, Govind Srivastana, 9th edition, Practice of Dermatology, 2005, p 101-140
3. JS Pasricha, Ramji Gupta, 3rd edition, Illustrated textbook of dermatology, 2006, p 74-113

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.

Recommended reading for the lesson:

1. Neena Khanna, Illustrated Synopsis Dermatology 4th ed., 2011, p 37-59
2. P.N. Behi, A. Aggarwal, Govind Srivastana, 9th edition, Practice of Dermatology, 2005, p 141-200
3. JS Pasricha, Ramji Gupta, 3rd edition, Illustrated textbook of dermatology, 2006, p 37-59

Class 13. Practical class 7. Dermatitis. (2hrs)

Key questions covered in Practical class 10:

- Contact and allergic dermatitis: etiology, pathogenesis.
- Differential diagnosis.
- Treatment approaches.

Recommended reading for the lesson:

1. Neena Khanna, Illustrated Synopsis Dermatology 4th ed., 2011, p 74-93
2. P.N. Behi, A. Aggarwal, Govind Srivastana, 9th edition, Practice of Dermatology, 2005, p 201-240
3. JS Pasricha, Ramji Gupta, 3rd edition, Illustrated textbook of dermatology, 2006, p 74-93

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.

Recommended reading for the lesson:

1. Neena Khanna, Illustrated Synopsis Dermatology 4th ed., 2011, p 175-185
2. P.N. Behi, A. Aggarwal, Govind Srivastana, 9th edition, Practice of Dermatology, 2005, p 241-260
3. JS Pasricha, Ramji Gupta, 3rd edition, Illustrated textbook of dermatology, 2006, p 175-185

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

Key questions covered in Practical class 12:

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

Recommended reading for the lesson:

1. Neena Khanna, Illustrated Synopsis Dermatology 4th ed., 2011, p 74-93
2. P.N. Behi, A. Aggarwal, Govind Srivastana, 9th edition, Practice of Dermatology, 2005, p 261-280
3. JS Pasricha, Ramji Gupta, 3rd edition, Illustrated textbook of dermatology, 2006, p 74-93

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

Key questions covered in Practical class 13:

- Differential diagnosis of pruritic dermatoses.
- Treatment options.

Recommended reading for the lesson:

1. Neena Khanna, Illustrated Synopsis Dermatology 4th ed., 2011, p 94-124
2. P.N. Behi, A. Aggarwal, Govind Srivastana, 9th edition, Practice of Dermatology, 2005, p 101-140
3. JS Pasricha, Ramji Gupta, 3rd edition, Illustrated textbook of dermatology, 2006, p 94-113

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.

Recommended reading for the lesson:

1. Neena Khanna, Illustrated Synopsis Dermatology 4th ed., 2011, p 37-59
2. P.N. Behi, A. Aggarwal, Govind Srivastana, 9th edition, Practice of Dermatology, 2005, p 181-200
3. JS Pasricha, Ramji Gupta, 3rd edition, Illustrated textbook of dermatology, 2006, p 37-59

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

Key questions covered in Module 2:

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

Recommended reading for the lesson:

1. 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

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.

Recommended reading for the lesson:

1. Neena Khanna, Illustrated Synopsis Dermatology 4th ed., 2011, p 205-235
2. P.N. Behi, A. Aggarwal, Govind Srivastana, 9th edition, Practice of Dermatology, 2005, p 321-345

Class 20. Lecture 8. Collagenoses. (2hrs)

Key questions covered in Lecture 8:

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

Recommended reading for the lesson:

1. Neena Khanna, Illustrated Synopsis Dermatology 4th ed., 2011, p 180-204
2. P.N. Behi, A. Aggarwal, Govind Srivastana, 9th edition, Practice of Dermatology, 2005, p 301-320

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.

Recommended reading for the lesson:

1. Neena Khanna, Illustrated Synopsis Dermatology 4th ed., 2011, p 50-85
2. JS Pasricha, Ramji Gupta, 3rd edition, Illustrated textbook of dermatology, 2006, p 55-75

Class 22. Practical class 13. Pemphigus. (2hrs)

Key questions covered in Practical class 16:

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

Recommended reading for the lesson:

1. Neena Khanna, Illustrated Synopsis Dermatology 4th ed., 2011, p 205-235
2. P.N. Behi, A. Aggarwal, Govind Srivastana, 9th edition, Practice of Dermatology, 2005, p 321-345

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.

Recommended reading for the lesson:

1. Neena Khanna, Illustrated Synopsis Dermatology 4th ed., 2011, p 205-235
2. P.N. Behi, A. Aggarwal, Govind Srivastana, 9th edition, Practice of Dermatology, 2005, p 321-345

Class 24. Practical class 15. Lupus erythematosus. (2hrs)

Key questions covered in Practical class 18:

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

Recommended reading for the lesson:

1. Neena Khanna, Illustrated Synopsis Dermatology 4th ed., 2011, p 180-204
2. P.N. Behi, A. Aggarwal, Govind Srivastana, 9th edition, Practice of Dermatology, 2005, p 301-320

Class 25. Practical class 16. Scleroderma. (2hrs)

Key questions covered in Practical class 19:

- Etiology, clinical varieties.
- Management strategies.

Recommended reading for the lesson:

1. Neena Khanna, Illustrated Synopsis Dermatology 4th ed., 2011, p 180-204
2. P.N. Behi, A. Aggarwal, Govind Srivastana, 9th edition, Practice of Dermatology, 2005, p 301-320

Class 26. Practical class 17. Seborrhoea, acne, rosacea. (2hrs)

Key questions covered in Practical class 20:

- Clinical types and diagnosis.
- Differential diagnosis.
- Treatment principles.

Recommended reading for the lesson:

1. Neena Khanna, Illustrated Synopsis Dermatology 4th ed., 2011, p 50-85
2. JS Pasricha, Ramji Gupta, 3rd edition, Illustrated textbook of dermatology, 2006, p 55-75

Class 27. Practical class 18. Module №3. (2hrs)

Key questions covered in Module 3:

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

Recommended reading for the lesson:

1. 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

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.

Recommended reading for the lesson:

1. Neena Khanna, Illustrated Synopsis Dermatology 4th ed., 2011, p 300-310
2. P.N. Behi, A. Aggarwal, Govind Srivastana, 9th edition, Practice of Dermatology, 2005, p 401-415

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.

Recommended reading for the lesson:

1. Neena Khanna, Illustrated Synopsis Dermatology 4th ed., 2011, p 311-325
2. P.N. Behi, A. Aggarwal, Govind Srivastana, 9th edition, Practice of Dermatology, 2005, p 401-415

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.

Recommended reading for the lesson:

1. Neena Khanna, Illustrated Synopsis Dermatology 4th ed., 2011, p 326-345
2. P.N. Behi, A. Aggarwal, Govind Srivastana, 9th edition, Practice of Dermatology, 2005, p 401-415

Class 31. Lecture 13. Gonorrhoeal urethritis. (2hrs)

Key questions covered in Lecture 13:

- Etiology, clinical manifestations.
- Diagnostic methods (microscopy, PCR, culture).
- Complications, treatment, prevention.

Recommended reading for the lesson:

1. Neena Khanna, Illustrated Synopsis Dermatology 4th ed., 2011, p 346-355
2. P.N. Behi, A. Aggarwal, Govind Srivastana, 9th edition, Practice of Dermatology, 2005, p 416-430

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.

Recommended reading for the lesson:

1. Neena Khanna, Illustrated Synopsis Dermatology 4th ed., 2011, p 311-325
2. P.N. Behi, A. Aggarwal, Govind Srivastana, 9th edition, Practice of Dermatology, 2005, p 431-445

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.

Recommended reading for the lesson:

1. Neena Khanna, Illustrated Synopsis Dermatology 4th ed., 2011, p 300-325
2. P.N. Behi, A. Aggarwal, Govind Srivastana, 9th edition, Practice of Dermatology, 2005, p 401-415

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.

Recommended reading for the lesson:

1. Neena Khanna, Illustrated Synopsis Dermatology 4th ed., 2011, p 326-345
2. P.N. Behi, A. Aggarwal, Govind Srivastana, 9th edition, Practice of Dermatology, 2005, p 401-415

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.

Recommended reading for the lesson:

1. Neena Khanna, Illustrated Synopsis Dermatology 4th ed., 2011, p 311-325, 346-355
2. P.N. Behi, A. Aggarwal, Govind Srivastana, 9th edition, Practice of Dermatology, 2005, p 416-430, 431-445

Class 36. Practical class 22. Module №4. (2hrs)

Key questions covered in Module 4:

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

Recommended reading for the lesson:

1. 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

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.