

Department of Infectious Diseases and Dermatovenerology	044/49-11
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## Syllabus

Department of "**Infectious Diseases and Dermatovenerology**"

Educational program of the discipline

**Infectious Diseases, dermatovenerology, phthisiatrics**

Educational program: **6B10103 "Stomatology"**

1. General information about the discipline			
1.1	<b>Code of discipline:</b> IZDF 3305	1.6	<b>Academic Year:</b> 2023-2024
1.2	<b>Name of the discipline:</b> Infectious diseases, dermatovenerology, phthisiatrics	1.7	<b>The Course:</b> 3
1.3	<b>Prerequisites:</b> anatomy, microbiology, introduction to clinic, pharmacology	1.8	<b>Term:</b> 6
1.4	<b>Post-requisites:</b> epidemiology; clinical stomatology; therapeutic and surgical stomatology, diseases of the head and neck	1.9	<b>Number of credits:</b> (ECTS)3
1.5	<b>The Cycle:</b> BS	1.10	<b>Component:</b> IC
2. Description of Discipline			
Infectious diseases, as in previous years, continue to occupy one of the leading places among human diseases. The problems of viral hepatitis, Acute intestinal infections, Crimean Congo hemorrhagic fever, AIDS, coronavirus infection - COVID-19, tuberculosis remain topical. From past years, returned long-forgotten measles, new infections caused by herpesviruses, borrelia, chlamydia, etc. have become widespread.			
3. Summative evaluation form			
3.1	<b>Oral</b> ✓	3.7	Testing/interview ✓
3.2	<b>Solution and analysis of situational tasks</b> ✓	3.8	Practical skills reception ✓
3.3	<b>Preparation and defense of the topic presentation</b> ✓	3.9	Preparation of essays ✓
3.4	<b>Routine control (colloquium)</b> ✓	3.10	Criteria for case-study grades ✓
4. Aims of the discipline			
Formation of knowledge, skills and practical skills, early diagnosis of infectious diseases, accompanied by lesions of the oral cavity and bones of the maxillofacial region, oral tuberculosis, dermatovenerological diseases, in the provision of dental care, to carry out a set of therapeutic			

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and preventive measures, emergency conditions and medical care for tuberculosis patients at the pre-hospital and inpatient level.

<b>5. Learning Outcomes (ER of the discipline)</b>									
<b>EP1</b>	Demonstrates basic and clinical knowledge, understanding of dental manifestations of infectious and dermatovenereological diseases, accompanied by lesions of the oral cavity and maxillofacial region, particularly dangerous infections, methods of their diagnosis and treatment.								
<b>EP2</b>	Demonstrates skills of anamnesis collection, including epidemiological, examination, methods of diagnosis and treatment of infectious and dermatovenereologic diseases, emergency medical care in emergency conditions.								
<b>EP3</b>	Realizes the knowledge and skills of anti-epidemic measures in the detection of infectious patients, including those with particularly dangerous infections, Sanitary and safety rules.								
<b>EP4</b>	Interprets clinical, laboratory and instrumental methods of research.								
<b>EP5</b>	Observes the rules of ethics, deontology and subordination, demonstrates interpersonal and communication skills leading to effective information exchange and cooperation with patients, their families and medical staff.								
<b>EP6</b>	Demonstrates skills in the effective use of information technology, evidence-based medicine database in his/her daily activities.								
<b>5.1</b>	<table border="1"> <tr> <td>ER1 ER2</td> <td> <p>ER 1 Demonstrate and apply knowledge and skills in biomedical, clinical, epidemiological, social-behavioral sciences that contribute to the formation of a versatile personality with a broad outlook and culture of thinking</p> <p>ER 2 Analyze patterns of growth and development, body structure in normal and pathological conditions to understand the mechanisms of dental disease development.</p> <p>ER 4 Provide effective patient-centered care that includes appropriate and effective interventions for the diagnosis, treatment, and prevention of dental disease.</p> </td> </tr> <tr> <td>ER 3 ER 4</td> <td> <p>ER5 Conduct a clinical examination of a patient using modern instrumental, laboratory and functional examination methods, interpret the data obtained to make a dental diagnosis, prescribe treatment and prevent dental diseases</p> <p>ER6 Recognize emergency and life-threatening conditions and sources of acute pain at dental appointments and provide emergency medical care to patients of all age groups</p> </td> </tr> <tr> <td>ER 5</td> <td> <p>EP 3 Demonstrate interpersonal and communication skills resulting in effective information sharing and collaboration with patients, their families and health care providers, including the use of information technology</p> </td> </tr> <tr> <td>ER6</td> <td> <p>ER 7 Conduct patient education and prevention activities, individually, in groups and in communities to promote and maintain their health and dynamic patient follow-up, utilizing health information systems.</p> </td> </tr> </table>	ER1 ER2	<p>ER 1 Demonstrate and apply knowledge and skills in biomedical, clinical, epidemiological, social-behavioral sciences that contribute to the formation of a versatile personality with a broad outlook and culture of thinking</p> <p>ER 2 Analyze patterns of growth and development, body structure in normal and pathological conditions to understand the mechanisms of dental disease development.</p> <p>ER 4 Provide effective patient-centered care that includes appropriate and effective interventions for the diagnosis, treatment, and prevention of dental disease.</p>	ER 3 ER 4	<p>ER5 Conduct a clinical examination of a patient using modern instrumental, laboratory and functional examination methods, interpret the data obtained to make a dental diagnosis, prescribe treatment and prevent dental diseases</p> <p>ER6 Recognize emergency and life-threatening conditions and sources of acute pain at dental appointments and provide emergency medical care to patients of all age groups</p>	ER 5	<p>EP 3 Demonstrate interpersonal and communication skills resulting in effective information sharing and collaboration with patients, their families and health care providers, including the use of information technology</p>	ER6	<p>ER 7 Conduct patient education and prevention activities, individually, in groups and in communities to promote and maintain their health and dynamic patient follow-up, utilizing health information systems.</p>
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	ER8 Work in the electronic databases of the RK health care system, providing documentation of the processes of providing medical services to solve professional tasks					
<b>6.</b>	<b>Detailed information about the discipline</b>					
6.1	Venue (building, auditorium): Shymkent, Zhibek Zholy Avenue, 13.  Shymkent city infectious disease hospital, 3rd floor. Phone8-7252(490077), e-mail address of the department: <b>infecsia_11@mail.ru.</b>					
6.2	Hours	Lectures	Practical training	Lab. training.	SIW	ISW
	90	5	25	-	42	18
<b>7.</b>	<b>Information about teachers</b>					
1	Kamytbekova Kulyan Zhailiauovna	Candidate of Medical Sciences, Acting Assistant Professor	kamytbekova@mail.ru	Infectious diseases: GI diseases	Infectious disease doctor of the highest category, acting assistant professor of the department. Reads a series of lectures on infectious diseases in hospital. Consults patients and patients on a wide range of infectious diseases.	
2	Beisetaeva Batpa Erezhepovna	Assistant	b.batpa@mail.ru	Infectious diseases	Assistant, pediatrician-infectious diseases doctor of the first category. Lectures on infectious diseases in the hospital. Conducts practical classes, discussions, round tables.	
3	Auezkhanov Samatkhan Polatkhanuly	Assistant	auezkhanov92@mail.ru	Infectious diseases	assistant, infectious diseases doctor. Conducts practical classes, discussions, round tables.	
4	Sadykova Dana Kairatovna	Assistant	danoka.kz@mail.ru	Infectious diseases	assistant, infectious diseases doctor. Conducts practical classes, discussions, round tables.	
5	Zhorakhanova Bagila Abdikaharkyzy	Assistant	bjorahanova@mail.ru	Infectious diseases	assistant, infectious diseases doctor. Conducts practical classes, discussions, round tables.	
<b>8.</b>	<b>Thematic plan</b>					

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Week /day	Title of the topic	Short content	ER of discipline	hours	Forms/ methods /learning technologies	Forms/assessment methods
1.	<b>Lecture.</b>  Actual issues of infectious pathology in the practice of a dentist  Infections accompanied by lesions of the oral cavity	Infections accompanied by oral lesions (diphtheria, measles, infectious mononucleosis, herpes infection, chicken pox. Differential diagnostic criteria	ER1 ER 2	1	Review lecture	Feedback
	<b>Practical training</b>  Organization of medical care for patients with infectious diseases.  Infections with lesions of oral cavity and maxillofacial tissues (mumps, diphtheria, scarlet fever, infectious mononucleosis, measles).	Infectious disease service in Kazakhstan. Classification of infectious diseases. Principles and methods of diagnosis and treatment of infectious diseases Rules of hospitalization of infectious patients. The device and mode of infectious hospitals. Features curation of infectious patients. Epidemic mumps: etiology, epidemiology, clinical manifestations, diagnosis, principles of treatment. Diphtheria. Infectious mononucleosis, etiology,	ER 3 ER 4 ER 5	3	Topic Discussion, TBL, brainstorming, work with the department's own website, testing.	oral and written questioning, evaluation of test problem solving

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		epidemiology, clinical, epidemiologic, clinical, diagnostic and laboratory. and laboratory diagnostics.				
	<b>ISW</b>  Principles of diagnosis, treatment of infectious patients. Principles of prophylactic and anti-epidemic measures in infectious diseases.	Methods of diagnosis and treatment Infectious diseases. prevention of infectious diseases. Anti-epidemic measures when identifying infectious patient and in the center infection.	ER 3 ER 4 ER 5	3/4	Presentat ion, case study, select a topic for a scientific article, essay	during the cycle "Infectious diseases, dermatovenerol ogy, phthisiology"
2.	<b>Lecture</b>  HIV, viral hepatitis, anthrax, CCHF, in the professional activity of the dentist.	Differential diagnostic criteria for HIV infection with oral lesions. Differential diagnostic criteria of acute and chronic viral hepatitis B,C,D. Preventive measures differential-diagnostic criteria of anthrax with localization of pathological process on the face and neck. Clinical-diagnostic criteria of CCHF	ER 1  ER 2	1	Problem lecture	Feedback
	<b>Practical session</b>  Herpetic infection. Shingles. Chickenpox.	Herpetic lesions of the oral cavity and head region - etiology, epidemiology. Diagnosis, treatment. Fungal lesions of the oral cavity	ER 3 ER 4 ER 6	3	thematic discussion , TBL, brainstor ming, work with the	oral and written questioning, evaluation of test problem solving

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	Candidiasis. HIV infection	HIV-infection Etiology, epidemiology, pathogenesis. Manifestations of HIV in the oral cavity. Clinical-epidemiologic and laboratory diagnostics. AIDS-associated diseases: etiology, epidemiology, pathogenesis, clinical-epidemiologic and laboratory diagnostics.			departme nt's own website, testing.	
	<b>ISW</b> Enterovirus infection. Rabies. Measles	Enterovirus infection. Etiology. Epidemiology. Classification. Herperangia. Clinical symptomatology. Diagnosis. Principles of therapy. Prophylaxis. Anti-epidemic measures in the center. Rabies. Etiology, epidemiology, clinical manifestations. Diagnosis, prophylaxis. Anti-epidemic measures	ER 3 ER 4 ER 6	3/4	presentat ion, essay	during the cycle Infectious diseases, dermatovenerol ogy, phthisiology
3	<b>Lecture</b>  The main pathological processes in skin. Pyoderma. Mycoses. Atopic dermatitis Cheilitis	Primary and secondary morphologic elements of cutaneous rash. Pyoderma. Mycoses Atopic dermatitis Cheilitis. Red squamous lichen planus. Lupus erythematosus	ER 1 ER 2	1	Review lecture	feedback
	<b>Practical exercise.</b>  Viral hepatitis A,B,C,D	Viral hepatitis. Etiology. Epidemiology. Pathogenesis. Clinical picture. Diagnosis.	ER 3 ER 4 ER 5	4	PBL, Case- study, testing	oral and written questioning, essays, assessment of

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		Differential diagnosis. Treatment. Prevention.				test problem solving
	<b>SIW</b>  Tularemia. Listeriosis. Foot and mouth disease. Tetanus. Angina in infectious diseases (scarlatina, diphtheria, infectious mononucleosis, streptococcal sore throat, Duguet's sore throat in typhoid fever).	Tularemia. Prophylaxis and anti-epidemic measures. Listeriosis. Diagnosis. Treatment Foot-and-mouth disease. Prophylaxis and anti-epidemic measures. Tetanus. Prophylaxis and anti-epidemic measures Scarlatina. Prophylaxis and anti-epidemic measures. Diphtheria. Prophylaxis and anti-epidemic measures. Infectious mononucleosis. Prophylaxis and anti-epidemic measures. Streptococcal sore throat. Prophylaxis and anti-epidemic measures. Duguet's angina. Prophylaxis and anti-epidemic measures.	ER 3 ER 4 ER 5	2/5	Presentat ion, case study, discussio ns of the topic scientific article essay	during the cycle Infectious diseases, dermatovenerol ogy, phthisiatrics
4	<b>Practical session</b>  Coronavirus infection Particularly dangerous infections in the professional activity of a dentist. Prevention of dental diseases.  Programs for prevention of	Coronavirus infection Etiology, epidemiology, pathogenesis, clinical manifestations, diagnosis. Anti-epidemic measures Plague. Anthrax - etiology, epidemiology, clinical-epidemiologic and laboratory diagnostics CHF, etiology, epidemiology, pathogenesis, clinical-epidemiologic and laboratory diagnostics. Tactics of a dentist	ER 3 ER 4 ER 6	3	test, PBL, TBL, Case-study.	oral and written questioning, essays, evaluation of test problem solving

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	infectious dental diseases.	Anti-epidemic measures Etiologic and pathogenetic substantiation of the main directions in the prevention of dental diseases.				
	<b>ISW</b> High-risk infections, anthrax, plague, CCHF, Tularemia Coronavirus infection Prevention of HIV, viral hepatitis in the care of medical assistance	Plague. Anthrax - etiology, epidemiology, clinical-epidemiologic and laboratory diagnostics Etiology, epidemiology, clinic, diagnosis, prophylaxis. Algorithm of doctor's actions in case of suspected coronavirus infection. Viral hepatitis B,C,D. Prophylaxis and anti-epidemic measures in dental care. HIV. Prophylaxis and anti-epidemic measures in dental care.	ER 3 ER 4 ER 6	2/4	Presentat ion, case study, discussio ns of the topic scientific article essay	during the cycle Infectious diseases, dermatovenerol ogy, phthisiatrics
5.	<b>Practical training.</b>  Dermatologic diseases in the practice of a dentist. Lesion of mucous membrane in the oral cavity in syphilis.	Main pathologic processes in the skin. Primary and Secondary morphologic elements of skin rash. Pyoderma. Mycoses. Eczema. Atopic dermatitis. Urticaria, edema. Quincke's epidermolysis Bullous epidermolysis. Syphilis: etiology, epidemiology, general course. Lesions of the mucous membrane in syphilis. Congenital syphilis. Syphilis prophylaxis	ER 2 ER 4 ER 5	4	PBL, Case-study, testing	Oral and written questioning, evaluation of test problem solving essay, checklist



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	<p><b>ISW</b></p> <p>Fungal skin lesions.</p> <p>Viral, bacterial skin lesions.</p> <p>Lesions of the mucous membranes of the oral cavity in infections, mainly sexually transmitted.</p> <p>Diagnosis</p>	<p>Mycoses. Red squamous lichen. Eczema.</p> <p>Pyoderma. Cheilitis.</p> <p>Lupus erythematosus.</p> <p>Vesicular vesicles.</p> <p>Pemphigoid.</p> <p>Precancerous diseases of lips and oral mucosa</p> <p>Syphilis: etiology, epidemiology, general course. Lesions of the mucous membrane in syphilis.</p> <p>Congenital syphilis.</p> <p>Syphilis prophylaxis.</p> <p>Lesion of mucous membranes in predominantly sexually transmitted infections, diagnosis</p>	<p>ER 2</p> <p>ER 4</p>	<p>2/5</p>	<p>Presentat ion, case study, discussio ns of the topic scientific article essay</p>	<p>during the cycle Infectious diseases, dermatovenerol ogy, phthisiatrics</p>
	<p><b>Routine control № 1</b></p>	<p>Test, solution of situational tasks</p>				
6.	<p><b>Lecture</b></p> <p>Epidemiology of tuberculosis in Kazakhstan.</p> <p>Etiology, pathogenesis and pathomorphology of tuberculosis.</p> <p>Features of diagnostics of tuberculosis.</p> <p>Prevention of tuberculosis.</p>	<p>Principles of monitoring and evaluation of National programs to counteract the spread of tuberculosis. Integrated tuberculosis control.</p> <p>Main epidemiologic indicators of tuberculosis.</p>	<p>ER 1</p> <p>ER 2</p> <p>ER 6</p>	<p>1</p>	<p>Problem lecture</p>	<p>Feedback</p>
	<p><b>Practical training.</b></p> <p>Introduction to the specialty.</p> <p>Fundamentals of deontology in</p>	<p>Introduction to the specialty. Sanitary-epidemic regime in tuberculosis institutions.</p> <p>Fundamentals of</p>	<p>ER 3</p> <p>ER 4</p> <p>ER 6</p>	<p>4</p>	<p>PBL, TBL,</p>	<p>oral and written questioning, essays, evaluation of test problem</p>

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	<p>phthisiology. Etiology.</p> <p>Pathogenesis. Pathomorphology of tuberculosis. Features of clinical examination of patients with pulmonary tuberculosis.</p> <p>Organization of detection and prevention of tuberculosis.</p> <p>Clinical classification of tuberculosis</p>	<p>deontology in phthisiatrics. Features of clinical examination of patients with pulmonary tuberculosis. Mandatory diagnostic minimum, additional and optional methods of research. Methods of microbiologic, cytologic, histologic and functional diagnostics of tuberculosis. Etiologic and pathogenetic evaluation of the results of diagnostic examination of the supervised patient. Organization of tuberculosis detection in children and adolescents. Immunodiagnostics of tuberculosis (Mantoux test and Diaskintest). Organization of tuberculosis detection in adults. Fluorography. Formation of risk groups. Role of dentist in detection and prevention. Clinical classification of tuberculosis. Classification of cases of the disease. Methods of radiologic diagnostics of pulmonary tuberculosis. Main radiologic syndromes of lung diseases.</p>			<p>testing, Case- study.</p>	<p>solving, checklist</p>
	<p>Extrapulmonary tuberculosis. Bone and joint</p>	<p>Etiology Epidemiology. Pathogenesis. Clinical</p>	ER 3	3/5		

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	tuberculosis. Diagnosis treatment. Principles of treatment.  Extrapulmonary tuberculosis. Tuberculosis of peripheral lymph nodes. Diagnosis treatment. Principles of treatment.	classification. Clinic. Features of the course Diagnosis. Principles of therapy.  Etiology . Epidemiology. Pathogenesis. Clinical classification. Clinic. Features of the course. Diagnosis. Principles of therapy	ER 4  ER 6		Presentat ion, case study, discussio ns of the topic scientific article essay	during the cycle Infectious diseases, dermatovenerol ogy, phthisiatrics
7.	<b>Lecture.</b>  Primary and secondary forms of tuberculosis.  Basic principles of tuberculosis treatment in  modern conditions. Organization of early detection of tuberculosis and the role of dentist in detection of tuberculosis.	Clinical forms.  Principles of tuberculosis treatment in modern conditions. Antituberculosis drugs.  Drug-resistant tuberculosis. Treatment monitoring.  Dispensary observation of tuberculosis patients. Tuberculosis intoxication.  Early period of tuberculosis  infection. Primary tuberculosis complex. Tuberculosis of intrathoracic lymph nodes. Diagnostic criteria. Disseminated tuberculosis. Focal tuberculosis. Infiltrative tuberculosis. Caseous	ER 1  ER 2  ER 6	1	Problem lecture	Feedback

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		pneumonia. Destructive forms of tuberculosis. Extrapulmonary forms of tuberculosis. Diagnostic criteria. General principles of treatment.				
	<b>Practical exercise.</b>  Primary forms of tuberculosis  Secondary forms of tuberculosis  Treatment of tuberculosis. New anti-tuberculosis drugs.	Tuberculosis intoxication. Early period of tuberculosis infection. Primary tuberculosis complex. Tuberculosis of intrathoracic lymph nodes. Diagnostic criteria. Disseminated tuberculosis. Focal tuberculosis. Infiltrative tuberculosis. Caseous pneumonia. Destructive forms of tuberculosis. Diagnostic criteria. General principles of treatment. Category of patients. Standard chemotherapy regimens. Classification of TB drugs.	ER 2 ER 4 ER 5	4	PBL, test, Case-study.	oral and written questioning, essays, assessment of test problem solving, checklist

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	<p>ISW Tuberculosis of the oral cavity, maxillofacial region. Diagnosis. Principles of treatment.</p> <p>Advanced forms of tuberculosis. Diagnosis. Principles of treatment</p> <p>Role of dentists in detection and prevention of tuberculosis. Dispensary observation of tuberculosis patients.</p>	<p>Etiology . Epidemiology. Pathogenesis.</p> <p>Clinical classification. Clinic. Features of the course. Diagnosis. Principles of therapy.</p> <p>Etiology. Epidemiology. Pathogenesis. Clinical classification. Clinic. Features of the course. Diagnosis. Principles of therapy</p> <p>Etiology Epidemiology. Pathogenesis. Clinical classification. Clinic. Features of the course. Diagnosis. Principles of therapy. Dispensary observation of tuberculosis patients (characterization of groups, terms of observation, necessary measures and results</p>	<p>ER 2</p> <p>ER 4</p> <p>ER 5</p>	<p>3/6</p>	<p>Presentati on, case study, discussio n of the topic of the scientific article essay</p>	<p>during the cycle Infectious diseases, dermatovenerol ogy, phthisiatrics</p>
	Routine control № 2	Test, solution of situational tasks				
<b>9</b>	<b>Methods of training and forms of control</b>					
9.1	Лекции	Review, problem, Feedback				
9.2	<p>Practical lessons</p> <p>1-Conducting practical skills and abilities on OSPE technology</p> <p>1-Dressing and removal of the anti-plague suit</p> <p>2-Taking a swab from the pharynx</p> <p>3-Technique of Mantoux test with 2 MU</p>	<p>Execution of practical works, extended conversation, work in small groups, discussion, test conversation, business game, conference, solving situational tasks.</p>				
9.3	<p>ISW</p> <p>1-oral questioning</p> <p>2-testing</p> <p>3-solving situational tasks</p>	<p>Presentation, situational tasks, analysis of scientific articles.</p>				

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9.4	Midterm control	Testing, solving situational tasks			
<b>10.</b>	<b>Evaluation criteria</b>				
<b>10.1</b>	<b>Evaluation criteria</b>				
<b>№</b>	<b>ER of discipline</b>	<b>Excellent</b>	<b>Good</b>	<b>Satisfactory</b>	<b>Unsatisfactory</b>
<b>1</b>	<b>ER1</b>  <b>Demonstrates basic and clinical knowledge and understanding of dental manifestations of infectious and dermatovenerologic diseases involving the oral cavity and maxillofacial region, particularly dangerous infections, methods of diagnosis and treatment.</b>	Able to independently demonstrate knowledge and understanding of dental manifestations of infectious and dermatovenerologic diseases, particularly dangerous infections	Able to demonstrate, under the guidance of a teacher, knowledge and understanding of the peculiarities of lesions of the oral cavity and maxillofacial region in infectious and dermatovenerologic diseases.	Demonstrates insufficient knowledge and understanding of diagnostics of infectious and dermatovenerologic diseases.	Is unable to demonstrate knowledge and understanding of the diagnosis of infectious and dermatovenerologic diseases
<b>2</b>	<b>ER2</b>  <b>Demonstrates skills in history taking, including epidemiologic, examination, methods of diagnosis and treatment of infectious and dermatovenerologic</b>	1)Independently demonstrates skills in collecting complaints, history, including epidemiologic, objective examination 2) Formulates and substantiates the diagnosis,	1) Able to demonstrate skills of collecting complaints, anamnesis, including epidemiologic, objective examination under the guidance of a teacher	1) Demonstrates inadequate skills in collecting complaints, history, including epidemiologic and objective examination 2) Makes mistakes in formulating a clinical	1) Does not demonstrate skills of collecting complaints, anamnesis, including epidemiologic, objective examination 2) Is unable to formulate a

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	<b>diseases, emergency medical care for urgent conditions.</b>	prescribes the plan of examination and treatment	2) Formulates and substantiates a diagnosis, prescribes a plan of examination and treatment	diagnosis, prescribing a treatment plan	clinical diagnosis, prescribe a treatment plan
3	<b>ER3</b>  <b>Realizes the knowledge and skills of anti-epidemic measures in the identification of infectious patients, including those with particularly dangerous infections, sanitary and safety rules.</b>	Confidently implements knowledge and skills of anti-epidemic measures in the identification of infectious patients, including those with particularly dangerous infections, sanitary and safety regulations.	Not confidently and under the guidance of the teacher realizes the knowledge and skills of anti-epidemic measures in the detection of infectious patients, including those with particularly dangerous infections, the rules of Sanitary Regulations and safety.	Makes many errors in realization of knowledge and skills of conducting anti epidemic measures in the detection of infectious patients, including those with particularly dangerous infections, sanitary and safety rules.	Not able to Demonstrate knowledge and skills to carry out anti-epidemic measures in the detection of infectious patients, including those with particularly dangerous infections, sanitary and safety rules.
	<b>ER4</b> <b>Interprets clinical, laboratory and instrumental research methods</b>  ER 5 Observes the rules of ethics, deontology and subordination  Demonstrates interpersonal and communication skills that lead to effective	Literately, logically, reasonably interprets the data of clinical, laboratory and instrumental methods of research.	With the help of the teacher interprets the data of clinical, laboratory and instrumental methods of research.	Makes errors in interpreting the Results	Not able to interpret the data of clinical, laboratory and instrumental methods of research.

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	information sharing and collaboration with patients, families and health care providers.				
		Follows rules of ethics, deontology and chain of command, demonstrates interpersonal and communication skills resulting in effective information sharing and collaboration with patients, families and health care providers.	Able, under the guidance of a teacher Demonstrate communication skills: interact with the infectious disease patient, his/her environment, and health care professionals to achieve the best outcomes for the patient.	Makes mistakes in communication with the patient, medical staff, classmates. Violates the rules of ethics and deontology	Fails to adhere to rules of ethics, deontology and chain of command, demonstrates interpersonal and communication skills resulting in effective information sharing and collaboration with patients their families and health care providers.
	ER 6 Demonstrates skills to effectively utilize information technology, Evidence Based Medicine database in their daily activities.	Demonstrates skills to effectively utilize information technology, Evidence Based Medicine database in their daily activities.	1)Makes mistakes in the skills of communicative actions: interaction with an infectious disease patient, his/her environment, health care professionals 2) works on self-education with the help of the teacher	1) Makes mistakes in the use of information technologies, Evidence Based Medicine database in his/her daily activities 2) Limits himself/herself only to the educational literature indicated by the teacher	1) Does not use information technologies, Evidence Based Medicine database in his/her daily activity 2) Does not work on self-education



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**10.2 Criteria for evaluating the learning outcomes of the discipline**

**Check-list for practical training**

**11. Learning Resources**

Electronic resources including, but not limited to: databases, animation simulations, professional blogs, websites, other electronic reference materials (e.g., video, audio, digests of	№	Name	Reference
	1	SKMA Electronic Library	<a href="http://lib.ukma.kz/repository/">http://lib.ukma.kz/repository/</a>
	2	Electronic catalog - For internal use - - For external use	<a href="http://10.10.202.52">http://10.10.202.52</a> <a href="http://89.218.155.74">http://89.218.155.74</a>
	3	Republican Interuniversity Electronic Library	<a href="http://rmebrk.kz/">http://rmebrk.kz/</a>
	4	Student's Consultant	<a href="http://www.studmedlib.ru">http://www.studmedlib.ru</a>
	5	"Paragraph Medicine" Information system	<a href="https://online.zakon.kz/Medicine">https://online.zakon.kz/Medicine</a>
	6	Law (access in the reference and information sector)	<a href="https://zan.kz">https://zan.kz</a>
	7	Scientific electronic library	<a href="https://elibrary.ru/">https://elibrary.ru/</a>
	8	«BooksMed» electronic Library	<a href="http://www.booksmed.com">http://www.booksmed.com</a>
	9	«Web of science» (Thomson Reuters)	<a href="http://apps.webofknowledge.com">http://apps.webofknowledge.com</a>
	10	«Science Direct» (Elsevier)	<a href="https://www.sciencedirect.com">https://www.sciencedirect.com</a>
	11	«Scopus» (Elsevier)	<a href="http://www.scopus.com">www.scopus.com</a>
	12	PubMed	<a href="https://www.ncbi.nlm.nih.gov/pubmed">https://www.ncbi.nlm.nih.gov/pubmed</a>
	13	The Digital Library «Aknurpress»	<a href="https://aknurpress.kz/login">https://aknurpress.kz/login</a>

**Electronic textbooks**

**Literature**

*In Russian*

main:

1. Guide to practical classes on infectious diseases for students of medical schools. E. S. Belozеров, Y. V. Lobzin, E. I. Arkhipova, SpetsLit Publishing House, 2017; 576 p.

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2. National Manual of Infectious Diseases +CD. Edited by Yushchuk N.D., Vengerov Y.Y., 2009.

Additional:

1. Diagnosis of a typical case of infectious disease (standardized patient).  
Textbook.N.D.Yushchuk,E.V.Volchkova.PublishingHeotar-Media, 2017; 454 p.
2. Kurmanova K.B., Duisenova A.K. Brucellosis. Clinical aspects A, 2002.
3. Differential diagnosis of infectious diseases. Manual for doctors. V. A. Kazantsev, A. P. Kazantsev; Publisher;Medical Information Agency (MIA), 2013. 496 c.
4. Reference book of the family doctor. Infectious diseases.Zakharenko S.M., Finogeev Y.P. IzdatelDilya, 2014; 528 p.
5. Infectious diseases with a course of HIV infection and epidemiology. Textbook. Grif MOE RF. B. V. Kabarukhin, V. N. Dunaytseva, A. K. Belousova;Publishing HousePhoenix, 2016; 364 p.
6. Infectious diseases. Textbook. N. D. Yushchuk, G. N. Karetkina, L. I. Melnikova;PublishingHeotar-Media, 2015; 512 p.
7. Food toxicoinfections. Food poisoning. N. D. Yushchuk;Publishing House,Geotar-Media, 2017; 160 p.
8. Airborne and droplet infections. Standards of medical care. S. Y. Kochetkov, A. S. Dementiev, N. I. Zhuravleva;Publishing House,Geotar-Media, 2016; 448 p.
9. Acute intestinal infections in children. A. V. Gorelov; Geotar-Media Publishing House, 2016; 144 p.
11. HIV infection and AIDS. Clinical recommendations. B. V. Pokrovsky, V. V. Pokrovsky;Publishing HouseGeotar-Media, 2016; 112 p.
12. Medical parasitology. Laboratory diagnostics. Textbook. V. P. Sergiev;Publishing HousePhoenix, 2017; 250 p.
13. Recommendations on diagnosis and treatment of adult patients with hepatitis C. N. D. Yushchuk;PublishingHeotar-Media, 2017; 96 p.
14. Atlas of infectious diseases;Vladislav Ivanovich Betterchev; Sergey Nikolaevich Zharov, Vladimir Vladimirovich Nikiforov, PublishingHeotar-Media, 2014; 224 p.
15. Viral hepatitis in questions and answers. Manual for physicians. T. V. Antonova, D. A. Lioznov: Moscow : Litterra, 2010. - 336 c.

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16. Infectious hepatology. Manual for doctors. V. F. Uchaikin, T. V. Cherednichenko, A. V. Smirnov; Publishing Heotar-Media, 2014; , 640 p.

17. Hemorrhagic fevers in tourists and migrants (travel medicine). In 5 parts. Part 4: Arboviral fevers: yellow, dengue, Chikungunya, Crimean-Congo, West Nile. Contagio V. V. Nechaev, A. K. Shvedov, M. N. Programskaya; Publishing House SpecLit, 2015; 124 p.

**In Kazakh:**

**Basic:**

1. Abuova G.N. Zhukpaly aurulardan darister zhinagy: oku kuraly - Shymkent, 2017j. 448 б.

**Additional:**

1. Abuova G.N. Zhukpaly aurulardyң syndrome differential diagnoses: оқулық - Shymkent, 2017zh. 320 б.

**In English:**

**Basic:**

**1. Harrison's Infectious Diseases / Kasper D. L., Fauci A. S.; McGraw-Hill, 3rd Edition, 2017.**

**Supplementary:**

1. Oxford Handbook of Tropical Medicine / Eddleston M. [et al.]; Oxford University Press, 3rd edition, 2008

2. Essentials of Clinical Immunology / Chapel H. [et al.]; Wiley-Blackwell Immunology / Male D., Brostoff J., Roth D. B., Roitt I. M.; Saunders / Elsevier, 6th edition, 2014

3. Travel and Tropical Medicine Manual / Jong E. C. [ed. by], Sanford Ch.; Saunders / Elsevier, 2017

<b>12.</b>	<b>Discipline Policy</b>
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**Discipline Policy:**

1. When taking a cycle in the department it is necessary from the first day to have a sanitary book, to wear special clothes: robe, cap, change of shoes, mask, to have a phonendoscope.

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2. Observe discipline, medical - protective regime, silence in the hospital, ethics and deontology, subordination when communicating with staff.
  3. During the curation of patients in the departments of the city infectious diseases hospital to ensure the cleanliness of hands (nails should be short trimmed), washing and disinfection of hands to carry out in compliance with the technique of hand washing, at the end of the curation of patients necessarily wash and disinfect hands.
  4. If there are cuts, abrasions and other skin injuries on the hands, medical manipulations should be carried out only with rubber gloves.
  5. In departments and wards for patients with droplet infections must wear disposable masks that cover the mouth and nose. Masks should be changed every 3 hours.
  6. Staff and students with symptoms of influenza and other acute respiratory infections are not allowed in the departments, pregnant students are not allowed in the airborne infections department.
  7. Hair must be completely covered with a cap.
  8. Do not touch objects with wet hands that are connected with electric current.
  9. Carefully treat the medical equipment of the hospital and technical means of teaching in the department.
- It is forbidden to:**
- sit on the bed of patients;
  - smoking on the territory of the city infectious diseases hospital;
  - to appear in the department or at the workplace without special clothes;
  - to wear short medical gowns, long skirts, dresses, hijab, jeans, to go outside the infectious disease hospital in special clothes;
  - talk loudly, make noise in the hospital, use the toilet intended for patients, take food in the wards, corridors, laboratories;
  - move from one department to another outside of the schedule, take medical records without the doctors' permission.

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№	Requirements for students	Penalties for non-compliance
1	No unexcused absences from class: a) lectures b) practical classes	a) the number of missed lectures x 1.0, deducted from the total rating b) the number of missed practical classes x 2.0, deducted from the total rating
2	Activity during practical classes	Effects on rating increase
3	Unpreparedness	Influences on rating decrease
4	Timely, according to the schedule, to fulfill and hand in ISW	In case of late submission of ISW in the academic journal the score is reduced
5	Do not be late for classes	A student's tardiness affects the rating reduction
6	Do not engage in extraneous activities during classes	If a student is engaged in other activities during class, the rating is reduced
7	Be tolerant, open and friendly to fellow students and teachers	In case of non-compliance with the Academy's internal rules, the student's behavior is discussed at a departmental meeting and reported to the Dean's office.
8	Take care of the department's property	In case of physical damage to the department's property restoration is required from the student's own funds
9	Timely make up missed classes for valid and invalid reasons	Permission from the dean's office is required to make up missed classes
10	Criteria for ineligibility for interim certification	Failure to complete the curriculum due to poor academic performance (GPA below 49 points)

**13. Academic policies based on the moral and ethical values of the academy**

Academic Policies. P. 4 Student Honor Code

**Grading Policy:** The student's final grade at the end of the course is the sum of the **Admission Rating Score (ARS)** and the **Final Inspection Score (FIS)** and is assigned according to a **point-rating letter system**.

**Admission Rating Score (ARS) = Final Inspection Score (FIS) + point-rating letter system.**

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**Eligibility Rating Assessment (ERA)** is equal to 60 points or 60% and includes: current control assessment (CCA) and end-of-term control assessment (EQA).

Assessment of the **current control** is made up of the average grade for practical classes + average grade of ISW

The assessment of end-of-term **control** includes the average grade of 2 colloquiums.

Evaluation of the **admission rating (60 points)** is calculated according to the formula:

The assessment of end-of-term **control (m) x 0.2** + Assessment of the **current control (m) x 0.4**

**Final Control (FC)** is conducted in the form of testing and the student can get 40 points or 40% of the total grade.

At testing a student is offered 50 questions.



The calculation of the final control is done as follows: if a student answered 45 questions out of 50 correctly, it will be 90%.

**90 x 0.4 = 36 points.**

The **final grade** is calculated if the student has a positive assessment of both the admission rating (AR) = 30 points or 30% or more, and the final control (IC) = 20% or more %.

**Final grade (100 points) = mid** The assessment of end-of-term **control 0.2** + **mid** Assessment of the **current control x 0.4** + **Final Control x 0.4** Student who received a **unsatisfactory** assessment of one or two types of controls to the exam is not allowed.

Penalty points are deducted from the average grade of the current control.

<i>Дата утверждения</i>	<i>Протокол № ____</i>	<i>Ф.И.О. заведующей кафедры</i>	<i>Подпись</i>
09.06.2023г.	Протокол № 11а	Абуова Г.Н.	
<i>Дата пересмотра КОП</i>	<i>Протокол № ____</i>	<i>Ф.И.О. председателя КОПа</i>	<i>Подпись</i>
09.06.2023г.	Протокол № 10	Кенбаева Л.О.	

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