

MINISTRY OF SCIENCE AND HIGHER EDUCATION OF THE RUSSIAN FEDERATION  
MINISTRY OF EDUCATION AND SCIENCE OF THE KYRGYZ REPUBLIC

Government-run Educational Institution of Higher professional education  
Kyrgyz-Russian Slavic University after B.N. Yeltsin



## INFECTIOUS DISEASES including TROPICAL INFECTIONS

Abstract of discipline (module)

Assigned to **Department of Infectious diseases**  
Academic curriculum **Specialty 560001 - KG General medicine**  
(for foreign students)

Mode of study **Intramural**  
The course outline was compiled by: **PhD, associate professor Kuvatova D.O.; PhD, associate professor, head of department Radchenko E.A.**

Course hours scheduling (per semester)

Semester Academic Year	7 (4.1)		8 (4.2)		Total	
	Weeks		Weeks			
Type of training	AC	CO	AC	CO	AC	CO
Lectures	36	36	36	36	72	72
Practical session	90	90	72	72	162	162
Total in-class session	126	126	108	108	234	234
Student's individual work	54	54	36	36	90	90
Control (exam)			36	36	36	36
Total	180	180	180	180	360	360

### 1. COURSE OUTLINE OBJECTIVES

1.1	Formation of knowledge, experiences and practical skills required for early diagnosis of infectious diseases including tropical infections, carrying out of a complex of therapeutic and preventive measures, diagnosis of urgent conditions at the pre- and hospital stages of medical care.
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### 2. PLACE OF THE COURSE IN THE EDUCATIONAL PROGRAM

Educational Program Units:	B1.B
<b>2.1</b>	<b>Student's preliminary training requirements:</b>
2.1.1	Pathophysiology, clinical pathophysiology
2.1.2	Propaedeutic therapy
2.1.3	Biology, Microbiology, Virology
2.1.4	Epidemiology
2.1.5	Immunology
2.1.6	Pharmacology
<b>2.2</b>	<b>Course units and practical sessions imposing the prior Proficiency:</b>
2.2.1	Practice of a general medical profile (Doctor's assistant of an outpatient clinic)
2.2.2	Emergency Medicine Practice (Emergency Physician Assistant)
2.2.3	Therapy
2.2.4	Surgery
2.4.5	Preparation for passing and passing the state exam

### 3. STUDENT'S COMPETENCIES RESULTING FROM THE COURSE UNIT (MODULE)

<b>PC-16: Able and ready to use the algorithm for making a diagnosis (main, concomitant, complications) taking into account the ICD, perform basic diagnostic measures to identify urgent and life-threatening conditions</b>	
<b>Knowledge:</b>	
Level 1	The main methods of examination of pathological conditions, symptoms and syndromes of various nosology forms.
Level 2	Specificity of detection of various pathological conditions, symptoms, syndromes of diseases, nosology forms in accordance with ICD (international classification of diseases).
Level 3	The main syndromes of organs and systems damage and their specificity at various nosology forms in accordance with ICD.
<b>Skills:</b>	
Level 1	Interpret the results of the examination of various infections.
Level 2	Analyze various types of pathological conditions, symptoms, syndromes in various infections in accordance with ICD.
Level 3	Differentiate symptoms and syndromes with similar pathological conditions.
<b>Expertise:</b>	
Level 1	General clinical examination methods (history taking, examination, palpation, percussion, auscultation).
Level 2	Skills to identify various symptoms, syndromes and pathological conditions in various infections in accordance with ICD.
Level 3	Skills to substantiate the clinical diagnosis in accordance with ICD.
<b>PC-17: able and ready to perform basic therapeutic measures for the most common diseases and conditions in the adult and children on an outpatient and in a hospital setting</b>	
<b>Knowledge:</b>	
Level 1	The specifics of collecting an anamnesis of an infectious patient.
Level 2	The main clinical manifestations of nosological forms of infectious pathology.
Level 3	The basic principles of treatment and rehabilitation in infectious pathology.
<b>Skills:</b>	
Level 1	Take anamnesis and make a plan of laboratory and instrumental examination.
Level 2	Interpret the results of the examination of the infectious patient.
Level 3	Develop a plan for the treatment and rehabilitation of the infectious patient.
<b>Expertise:</b>	
Level 1	Physical examination methods (history taking, examination, palpation, percussion, auscultation) of the infectious patient.
Level 2	Skill of a substantiation of the clinical diagnosis of the infectious patient.
Level 3	Skills of etiologic, pathogenetic and specific therapy in infectious diseases.

**Final student's competences:**

<b>3.1 Knowledge:</b>
<p>The structure of the infectious service, organization and work principles of infectious hospitals, departments, wards;  The main issues of the pathogenesis of infectious diseases;  The main clinical manifestations (symptoms, syndromes) of studied infectious diseases;  The main methods of laboratory and instrumental diagnostics used in infectiology (indications, theoretical basis of the method, interpretation of results);  Rules for the collection of pathological materials from an infectious patient;  The main principles of treatment of infectious diseases;  Indications for hospitalization of an infectious patient;  Specific and nonspecific prevention of studied infectious diseases.</p>
<b>3.2 Skills:</b>
<p>Take diseases and life history (including epidemiological history) of an infectious patient;  Create an algorithm for diagnosis, laboratory and instrumental examination plan;  Interpret the results of laboratory and instrumental examination of the patient;  Highlight leading clinical and clinical laboratory syndromes;  To make a differential diagnosis between various diseases with similar clinical symptoms;  Assess the severity of an infectious disease;  Predict the course and outcome of an infectious disease;  To diagnose emergency conditions in infectious patients, as well as to determine further medical caring in life-threatening conditions;  Formulate a diagnosis in accordance with the ICD-10.</p>
<b>3.3 Expertise:</b>
<p>Methods of examination of the infectious patient (examination, palpation, percussion, auscultation);  Skills of differential diagnosis of symptoms and syndromes characteristic of infectious diseases;  Helping skills of medical and preventive measures at the pre- and hospital stages of caring;  Skills in providing urgent (emergency) and first aid in case of infectious pathology;</p>