

**MINISTRY OF SCIENCE AND HIGHER EDUCATION OF THE RUSSIAN FEDERATION
MINISTRY OF SCIENCE, HIGHER EDUCATION AND INNOVATION OF THE
KYRGYZ REPUBLIC**

Interstate Educational Organization of Higher Education
Kyrgyz-Russian Slavic University named after the first President of the Russian Federation B.N. Yeltsin

ENDORSED by
Dean of the Faculty



Tropical diseases

Abstract of discipline (Module)

Assigned to **Department of Infectious Diseases**

Academic curriculum 31050151_21_56 LD ин.plx
Specialty 31.05.01. - RF, 560001 - KG General medicine
(for foreign students)

Mode of study **intramural**

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

Course hours scheduling (per semester)

Semester Academic Year	11 (6.1)		Total	
	16			
Weeks	AC	CO	AC	CO
Type of training				
Lectures	16	16	16	16
Practical sessions	32	32	32	32
Contact work during theoretical training	0,3	0,3	0,3	0,3
Including interactive	3	3	3	3
Total in-class sessions.	48	48	48	48
Face-to-face learning	48,3	48,3	48,3	48,3
Student's individual	23,7	23,7	23,7	23,7
Total	72	72	72	72

1. COURSE OUTLINE OBJECTIVES

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

Educational program units:	
2.1	Students' preliminary training requirements:
2.1.1	Microbiology, virology
2.1.2	Immunology
2.1.3	Pharmacology
2.1.4	Pathophysiology, clinical pathophysiology
2.1.5	Epidemiology
2.1.6	Propaedeutics of internal diseases
2.1.7	Infectious diseases
2.2	Course units and practical sessions imposing prior Proficiency:
2.2.1	Preparation for passing and passing the state exam
2.2.2	Therapy
2.2.3	Surgery

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

PC-5: readiness to collect and analyze patient complaints, anamnesis data, examination results, laboratory, instrumental, pathological and other studies to recognize the condition or establish the presence or absence of a disease

Knowledge:

Level 1	Scheme of anamnesis collection, physical examination, features of collecting pathological materials from the patient, precautions.
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Skills:

Level 1	Collect anamnesis - interview the patient; conduct a physical examination of a patient of different ages, refer the patient for laboratory and instrumental examination, for consultation with specialists.
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Expertise:

Level 1	Methods of collecting anamnesis, studying physical status. Interpretation of results of laboratory and instrumental diagnostic methods.
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PC-6: the ability to determine the patient's main pathological conditions, symptoms, disease syndromes, nosological forms in accordance with the International Statistical Classification of Diseases and Related Health Problems, 10th revision

Knowledge:

Level 1	The main methods of examination of pathological conditions, symptoms and syndromes of various nosology forms. Specificity of detection of various pathological conditions, symptoms, syndromes of diseases, nosology forms in accordance with ICD-10 (international classification of diseases-10); The main syndromes of organs and systems damage and their specificity at various nosology forms in accordance with ICD-10.
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Skills:

Level 1	Interpret the results of the examination of various infections; Analyze various types of pathological conditions, symptoms, syndromes in various infections in accordance with ICD-10. Differentiate symptoms and syndromes with similar pathological conditions.
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Expertise:

Level 1	Common clinical examination methods (history taking, examination, palpation, percussion, auscultation); Skills to identify various symptoms, syndromes and pathological conditions in various infections in accordance with ICD-10. Skills to substantiate clinical diagnosis in accordance with ICD-10.
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PC-8: the ability to determine the management of patients with various nosological forms

Knowledge:

Level 1	The specifics of collecting an anamnesis of an infectious patient; The main clinical manifestations of nosological forms of infectious pathology;
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	The basic principles of treatment and rehabilitation in infectious pathology.
Skills:	
Level 1	Take anamnesis and plan of laboratory and instrumental examination; Interpret the results of the examination of the infectious patient; Develop a plan for the treatment and rehabilitation of the infectious patient.
Expertise:	
Level 1	Physical examination methods (history taking, examination, palpation, percussion, auscultation) of the infectious patient; Skill of a substantiation of the clinical diagnosis of the infectious patient; Skills of etiotropic, pathogenetic and specific therapy in infectious diseases.

Final student's competences

3.1	Knowledge:
The structure of the infectious service, organization and work principles of infectious diseases hospitals, departments, wards; The main issues of the pathogenesis of tropical diseases; The main clinical manifestations (symptoms, syndromes) of studied tropical 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 tropical diseases; Indications for hospitalization of an infectious patient; Specific and nonspecific prevention of studied tropical diseases.	
3.2	Skills:
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 tropical disease; Predict the course and outcome of an tropical 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.	
3.3	Expertise:
Methods of examination of the infectious patient (examination, palpation, percussion, auscultation); Skills of differential diagnosis of symptoms and syndromes characteristic of tropical 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;	