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Khanty-Mansiysk Autonomous Okrug-Ugra  
 "Surgut State University"

Approved by  
 Deputy Rector for Academic  
 \_\_\_\_\_ E.V. Konovalova

“13 ” June 2024, Record No. 5

## Infectious Diseases

### Syllabus

Department                    **Multidisciplinary Clinical Training**

Curriculum                    Specialty 31.05.01 General Medicine

Qualification                    **General Practitioner**

Form of education            **Full-time**

Total (in credits)            **7**

Total academic hours            252  
 including:  
 Contact                            160  
 Self-study                        56

Control:  
 Exam, the 10<sup>th</sup> term

### Course outline in terms

Academic year (Term)	9 (4.2)		10 (5.1)		Total	
	12 2/6		17 2/6			
Types of classes	Cur	Syl	Cur	Syl	Cur	Syl
Lectures	16	16	16	16	32	32
Practical	64	64	64	64	128	128
Self-study	28	28	28	28	56	56
<b>Total</b>	<b>108</b>	<b>108</b>	<b>144</b>	<b>144</b>	<b>252</b>	<b>252</b>

The Syllabus is compiled by: *Kamka N.N.*

The Syllabus

## **Infectious Diseases**

Developed in accordance with Federal State Educational Standard:

Federal State Educational Standard of higher education in the specialty 31.05.01 General medicine (Order of the Ministry of Education and Science of the Russian Federation on 09.02.2016 No. 95)

Based on the Curriculum:

31.05.01 GENERAL MEDICINE

Specialization: General Medicine

Approved by the Academic Council of Surgut State University, “13 ” June 2024, Record No. 5

The Syllabus was approved by the department

### **Multidisciplinary clinical training**

“17” April 2024, Record No17

Head of Department, Doctor of Medicine, Professor Klimova N.V.

<b>1. COURSE OBJECTIVES</b>	
1.1	The <b>aim</b> of Infectious diseases course is the development of students' theoretical knowledge and the formation of skills to be further applied for: early diagnosis of infectious diseases in outpatient settings and in the hospital; a complex of therapeutic and preventive measures in the pre - hospital and hospital stages; diagnosis of emergency conditions and the provision of medical care to infectious patients in the pre-hospital and hospital stages.
<b>2. COURSE OVERVIEW</b>	
Course code (in	B1.B.37
2.1	<b>Assumed background:</b> Chemistry Biochemistry Biology Normal physiology Microbiology, virology Adaptive and age-related physiology Foreign language Histology, embryology, cytology Psychology and pedagogy Philosophy Life safety History of medicine Latin language physical Culture and sport Image in the profession Medical informatics Russian language and culture of speech Physics mathematics Otorhinolaryngology Pathological syndromes in clinical medicine Team sports general physical preparation Individual sports Intellectual sports Physiological basis of human adaptation in the North Hygiene Pathological anatomy Pharmacology Dentistry Human genetics
2.2	<b>Post requisites:</b> Emergency Medicine Epidemiology Phthisiology Clinical pharmacology Medical rehabilitation Dermatovenereology Anesthesiology, resuscitation, intensive care Forensic Medicine Outpatient therapy
<b>3. COMPETENCES UPON COMPLETION OF THE COURSE (MODULE)</b>	
UC-1. Able to critically analyze problem situations on the basis of a systematic approach, develop a strategy of action	

GPC-6. Able to organize patient care, provide primary medical and sanitary care, ensure the organization of work and professional decision-making in emergency conditions at the pre-hospital stage, in emergencies, epidemics and mass casualty areas.

PC-5 Able to develop a treatment plan (medication, non-medication, palliative) based on the established diagnosis, to organize personalized treatment, including for pregnant women, elderly and elderly patients, as well as to evaluate the effectiveness and safety of the therapy provided

PC-6 Capable of assessing the possibility and effectiveness of rehabilitation or habilitation measures in a patient with loss of body functioning, labor activity

PC-8 Capable of maintaining medical records and organizing the activities of medical staff

**By the end of the course students must:**

**3.1** | **know:**

- specific features of the subject and objectives of Infectious Diseases course;
- the role, place and interrelations with other sciences in the system of biological and medical disciplines;
- the main historical stages of the development of Infectious Diseases;
- prospects of development and new directions in the study of infectious diseases;
- basic concepts of the discipline.
- the necessary list of medical documentation
  
- general issues of medical care organization for infectious patients (adults and children);
- modern classification, etiology, epidemiology of infectious diseases;
- mechanisms of immunity and the state of the immune system in various infectious diseases;
- pathoanatomical changes in organs and tissues in infectious diseases;
- clinical symptomatology of infectious diseases, complications, outcomes
  
- clinical symptomatology of infectious diseases, complications, outcomes;
- modern classification, etiology, epidemiology of infectious diseases, principles of epidemiological analysis and anti-epidemic measures in the focus of infection.
  
- modern methods of treatment for infectious diseases (specific and pathogenetic therapy, basics of rational nutrition and diet therapy for infectious diseases;
- organization of follow-up for survivors;
- rehabilitation treatment after infectious diseases, indications and contraindications to spa treatment.

**3.2** | **be able to:**

- to apply abstract thinking, analysis and synthesis in various types of professional and social activities.
  
- to draw up necessary medical documentation.
  
- to conduct a comprehensive clinical examination of the patient and to diagnose an infectious disease, the severity of the condition, emergency measures, the necessary additional examination (consultations of other specialists, laboratory and instrumental diagnostics);
- to determine the tactics of management of the patient, indications for hospitalization and isolation;
- to assign treatment of infectious patients, taking into account the etiology, severity of the disease and related pathological conditions.
  
- to conduct a comprehensive clinical examination of the patient and to diagnose an infectious disease, the severity of the condition, emergency measures, the necessary additional examination (consultations of other specialists, laboratory and instrumental diagnostics);

- to determine the tactics for the patient management, indications for hospitalization and isolation;
- to assign treatment of infectious patients, taking into account the etiology, severity of the disease and related pathological conditions;
- to perform differential diagnosis with the most common diseases
- to assign treatment of infectious patients, taking into account the etiology, severity of the disease and related pathological conditions;
- to determine the tactics for the patient management (to provide a full range of emergency medical care, or to start treatment and invite relevant specialists for consultation).

4. STRUCTURE AND CONTENTS OF THE COURSE (MODULE)						
Class Code	Class Code	Class Code	Class Code	Class Code	Class Code	Class Code
	<b>Section 1. General questions. Diagnosis of infectious diseases.</b>					
1.1	Introductory lesson. Acquaintance with the clinic of the infectious diseases station (structure and mode of operation). Classification of infectious diseases. /pr/	9	4	UC-1 GPC- 6 PC-5 PC- 6 PC-8	L1.1, L2.1, L3.1 E1, E2, E3, E4, E5, E6, E7, E8, E9, E10	
	<b>Section 2. Acute infections. Intestinal infections.</b>					
2.1	Typhoid fever. Paratyphs A and B. /lecture/	9	2	UC-1 GPC- 6 PC-5 PC- 6 PC-8	L1.1, L2.1, L3.1 E1, E2, E3, E4, E5, E6, E7, E8, E9, E10	
2.2	Intestinal infections. Etiology, epidemiology, pathogenesis, clinical picture, diagnosis and treatment of typhoid and paratyphoid fever. /pr/	9	4	UC-1 GPC- 6 PC-5 PC- 6 PC-8	L1.1, L2.1, L3.1 E1, E2, E3, E4, E5, E6	
2.3	Intestinal infections. Etiology, epidemiology, pathogenesis, clinical picture, diagnosis and treatment of typhoid and paratyphoid fever /Self-study/	9	4	UC-1 GPC- 6 PC-5 PC- 6 PC-8	L1.1, L2.1, L3.1 E1, E2, E3, E4, E5, E6, E7, E8, E9	
2.4	Salmonellosis /lecture/	9	2	UC-1 GPC- 6 PC-5 PC- 6 PC-8	L1.1, L2.1, L3.1 E1, E2, E3,	
2.5	Intestinal infections. Etiology, epidemiology, pathogenesis, classification, clinic, diagnosis and treatment of salmonellosis. /pr/	9	4	UC-1 GPC- 6 PC-5 PC- 6 PC-8	L1.1, L2.1, L3.1 E1, E2, E3, E4, E5, E6	
2.6	Salmonellosis. /Self-study/	9	4	UC-1 GPC- 6 PC-5 PC- 6 PC-8	L1.1, L2.1, L3.1 E1, E2, E3,	
2.7	Acute and chronic dysentery. /lecture/	9	2	UC-1 GPC- 6 PC-5 PC- 6 PC-8	L1.1, L2.1, L3.1 E1, E2, E3,	

2.8	Intestinal infections. Etiology, epidemiology, pathogenesis, classification, clinic, diagnosis and treatment of acute and chronic dysentery. / <b>pr</b> /	9	4	UC-1 GPC-6 PC-5 PC-6 PC-8	L1.1, L2.1, L3.1 E1, E2, E3, E4, E5, E6, E7, E8, E9	
2.9	Cholera. / <b>lecture</b> /	9	2	UC-1 GPC-6 PC-5 PC-6 PC-8	L1.1, L2.1, L3.1 E1, E2, E3,	
2.10	Intestinal infections. Etiology, epidemiology, pathogenesis, clinic, diagnosis and treatment of cholera. Features of the course of cholera El Tor. Hypovolemic shock. / <b>pr</b> /	9	4	UC-1 GPC-6 PC-5 PC-6 PC-8	L1.1, L2.1, L3.1 E1, E2, E3, E4, E5, E6, E7, E8, E9	
2.11	Cholera. / <b>Self-study</b> /	9	4	UC-1 GPC-6 PC-5 PC-6 PC-8	L1.1, L2.1, L3.1 E1, E2, E3,	
2.12	Intestinal infections. Etiology, epidemiology, pathogenesis, classification, clinic, diagnosis and treatment of foodborne toxoinfections. / <b>pr</b> /	9	2	UC-1 GPC-6 PC-5 PC-6 PC-8	L1.1, L2.1, L3.1 E1, E2, E3, E4, E5, E6, E7, E8, E9	
2.13	Etiology, epidemiology, pathogenesis, classification, clinic, diagnosis and treatment of botulism. / <b>pr</b> /	9	2	UC-1 GPC-6 PC-5 PC-6 PC-8	L1.1, L2.1, L3.1 E1, E2, E3,	
2.14	Intestinal infections. Etiology, epidemiology, pathogenesis, classification, clinic, diagnosis and treatment of escherichiosis. / <b>pr</b> /	9	4	UC-1 GPC-6 PC-5 PC-6 PC-8	L1.1, L2.1, L3.1 E1, E2, E3, E4, E5, E6	
2.15	Pseudotuberculosis, yersiniosis / <b>lecture</b> /	9	2	UC-1 GPC-6 PC-5 PC-6 PC-8	L1.1, L2.1, L3.1 E1, E2, E3,	
2.16	Intestinal infections. Etiology, epidemiology, pathogenesis, classification, clinic, diagnosis and treatment of intestinal yersiniosis and pseudotuberculosis. / <b>pr</b> /	9	4	UC-1 GPC-6 PC-5 PC-6 PC-8	L1.1, L2.1, L3.1 E1, E2, E3, E4, E5, E6, E7, E8, E9	
2.17	Pseudotuberculosis, yersiniosis / <b>Self-study</b> /	9	4	UC-1 GPC-6 PC-5 PC-6 PC-8	L1.1, L2.1, L3.1 E1, E2, E3,	
2.18	Enterovirus infections. / <b>pr</b> /	9	4	UC-1 GPC-6 PC-5 PC-6 PC-8	L1.1, L2.1, L3.1 E1, E2, E3,	
2.19	Opisthorchiasis / <b>lecture</b> /	9	2	UC-1 GPC-6 PC-5 PC-6 PC-8	L1.1, L2.1, L3.1 E1, E2, E3,	
2.20	Helminthiasis. Toxocarosis. Diphylobothriosis. Teniarinchosis, teniosis. Hymenolipedosis. Echinococcosis. Alveococcosis. Opisthorchiasis. Schistosomiasis. Ascariasis. Enterobiosis. Trichocephalosis. Hookworm disease. strongyloidosis. Trichinosis. Dirofilariasis. / <b>pr</b> /	9	8	UC-1 GPC-6 PC-5 PC-6 PC-8	L1.1, L2.1, L3.1 E1, E2, E3, E4, E5, E6, E7, E8, E9, E10	
<b>Section 3. Airborne infections.</b>						
3.1	Influenza and acute respiratory viral infections / <b>lecture</b> /	9	2	UC-1 GPC-6 PC-5 PC-6 PC-8	L1.1, L2.1, L3.1 E1, E2, E3,	
3.2	Etiology, epidemiology, pathogenesis, classification, clinic, diagnosis and treatment of influenza and acute respiratory viral infections / <b>pr</b> /	9	4	UC-1 GPC-6 PC-5 PC-6 PC-8	L1.1, L2.1, L3.1 E1, E2, E3, E4, E5, E6	

3.3	Etiology, epidemiology, pathogenesis, classification, clinic, diagnosis and treatment of influenza and acute respiratory viral infections <b>/Self-study/</b>	9	4	UC-1 GPC-6 PC-5 PC-6 PC-8	L1.1, L2.1, L3.1 E1, E2, E3, E4 E5 E6	
3.4	Etiology, epidemiology, pathogenesis, classification, clinic, diagnosis and treatment of diphtheria and angina. <b>/pr/</b>	9	4	UC-1 GPC-6 PC-5 PC-6 PC-8	L1.1, L2.1, L3.1 E1, E2, E3,	
3.5	Meningococcal infection <b>/lecture/</b>	9	2	UC-1 GPC-6 PC-5 PC-6 PC-8	L1.1, L2.1, L3.1 E1, E2, E3,	
3.6	Etiology, epidemiology, pathogenesis, clinic, diagnosis and treatment of meningococcal infection. <b>/pr/</b>	9	4	UC-1 GPC-6 PC-5 PC-6 PC-8	L1.1, L2.1, L3.1 E1, E2, E3,	
3.7	Differential diagnosis of diseases with angina syndrome <b>/pr/</b>	9	4	UC-1 GPC-6 PC-5 PC-6 PC-8	L1.1, L2.1, L3.1 E1, E2, E3,	
3.8	Meningococcal infection <b>/Self-study/</b>	9	4	UC-1 GPC-6 PC-5 PC-6 PC-8	L1.1, L2.1, L3.1 E1, E2, E3,	
3.9	Herpesvirus infections. Etiology, epidemiology, pathogenesis, clinic, diagnosis and treatment of herpes simplex, chickenpox, herpes zoster, infectious mononucleosis, cytomegalovirus infection. <b>/pr/</b>	9	4	UC-1 GPC-6 PC-5 PC-6 PC-8	L1.1, L2.1, L3.1 E1, E2, E3, E4, E5, E6, E7, E8, E9,	
<b>Section 4. Blood infections. Infections with parenteral transmission. Viral hepatitis.</b>						
4.1	HIV infection. <b>/lecture/</b>	10	2	UC-1 GPC-6 PC-5 PC-6 PC-8	L1.1, L2.1, L3.1 E1, E2, E3,	
4.2	Prevention of hemocontact infections in medical workers <b>/lecture/</b>	10	2	UC-1 GPC-6 PC-5 PC-6 PC-8	L1.1, L2.1, L3.1 E1, E2, E3,	
4.3	HIV infection. Etiology, pathogenesis, epidemiology, risk groups. The algorithm of the doctor's actions in case of an emergency. HIV infection. Classification, clinical picture, diagnostic criteria for diagnosis, treatment: indications for the appointment of ART, basic groups and drug regimens. <b>/pr/</b>	10	4	UC-1 GPC-6 PC-5 PC-6 PC-8	L1.1, L2.1, L3.1 E1, E2, E3, E4, E5, E6, E7, E8, E9, E10	
4.4	HIV infection. <b>/Self-study/</b>	10	6	UC-1 GPC-6 PC-5 PC-6 PC-8	L1.1, L2.1, L3.1 E1, E2, E3,	
4.5	Viral hepatitis. <b>/lecture/</b>	10	2	UC-1 GPC-6 PC-5 PC-6 PC-8	L1.1, L2.1, L3.1 E1, E2, E3,	
4.6	Viral hepatitis A and E, etiology, epidemiology, pathogenesis, clinical picture, diagnosis, treatment <b>/pr/</b>	10	4	UC-1 GPC-6 PC-5 PC-6 PC-8	L1.1, L2.1, L3.1 E1, E2, E3,	
4.7	Acute and chronic forms of liver failure <b>/lecture/</b>	10	2	UC-1 GPC-6 PC-5 PC-6 PC-8	L1.1, L2.1, L3.1 E1, E2, E3,	
4.8	Viral hepatitis. <b>/Self-study/</b>	10	6	UC-1 GPC-6 PC-5 PC-6 PC-8	L1.1, L2.1, L3.1 E1, E2, E3,	
4.9	Viral hepatitis B and C and D, etiology, epidemiology, pathogenesis, clinical picture, diagnosis, treatment. The outcomes of viral hepatitis. <b>/pr/</b>	10	4	UC-1 GPC-6 PC-5 PC-6 PC-8	L1.1, L2.1, L3.1 E1, E2, E3, E4 E5 E6	

4.10	Differential diagnosis of diseases accompanied by jaundice syndrome <b>/pr/</b>	10	2	UC-1 GPC-6 PC-5 PC-6 PC-8	L1.1, L2.1, L3.1 <b>E1, E2, E3,</b>	
4.11	Hemorrhagic fevers <b>/lecture/</b>	10	2	UC-1 GPC-6 PC-5 PC-6 PC-8	L1.1, L2.1, L3.1 <b>E1, E2, E3,</b>	
4.12	Hemorrhagic fevers. Crimean and Omsk fevers. Etiology, epidemiology, pathogenesis, clinic, diagnosis, treatment, preventive measures. <b>/pr/</b>	10	2	UC-1 GPC-6 PC-5 PC-6 PC-8	L1.1, L2.1, L3.1 <b>E1, E2, E3, E4 E5 E6</b>	
4.13	Hemorrhagic fevers. Hemorrhagic fever with renal syndrome. Etiology, epidemiology, pathogenesis, clinic, diagnosis, treatment, preventive measures. <b>/pr/</b>	10	2	UC-1 GPC-6 PC-5 PC-6 PC-8	L1.1, L2.1, L3.1 <b>E1, E2, E3, E4, E5, E6, E7 E8 E9</b>	
4.14	Hemorrhagic fevers. Ebola, Marburg, Lassa fever. Etiology, epidemiology, pathogenesis, clinic, diagnosis, treatment, preventive measures. <b>/pr/</b>	10	4	UC-1 GPC-6 PC-5 PC-6 PC-8	L1.1, L2.1, L3.1 <b>E1, E2, E3, E4 E5 E6</b>	
4.15	Hemorrhagic fevers as particularly dangerous infections. The tactics of a doctor in an emergency. <b>/Self-study/</b>	10	2	UC-1 GPC-6 PC-5 PC-6 PC-8	L1.1, L2.1, L3.1 <b>E1, E2, E3,</b>	
4.16	Typhus, rickettsiosis. Etiology, epidemiology, pathogenesis, clinical picture, diagnosis, treatment <b>/pr/</b>	10	4	UC-1 GPC-6 PC-5 PC-6 PC-8	L1.1, L2.1, L3.1 <b>E1, E2, E3,</b>	
4.17	Typhus, rickettsiosis. Etiology, epidemiology, pathogenesis, clinical picture, diagnosis, treatment <b>/Self-study/</b>	10	2	UC-1 GPC-6 PC-5 PC-6 PC-8	L1.1, L2.1, L3.1 <b>E1, E2, E3,</b>	
4.18	Malaria. Etiology, epidemiology, pathogenesis, clinical picture, diagnosis, treatment <b>/pr/</b>	10	4	UC-1 GPC-6 PC-5 PC-6 PC-8	L1.1, L2.1, L3.1 <b>E1, E2, E3,</b>	
4.19	Malaria. Etiology, epidemiology, pathogenesis, clinical picture, diagnosis, treatment <b>/Self-study/</b>	10	2	UC-1 GPC-6 PC-5 PC-6 PC-8	L1.1, L2.1, L3.1 <b>E1, E2, E3,</b>	
	<b>Section 5. Other infectious diseases</b>					
5.1	Tularemia. The plague. Brucellosis <b>/lecture/</b>	10	2	UC-1 GPC-6 PC-5 PC-6 PC-8	L1.1, L2.1, L3.1 <b>E1, E2, E3,</b>	
5.2	Etiology, epidemiology, pathogenesis, classification, diagnosis and treatment of tularemia, plague, brucellosis. <b>/pr/</b>	10	4	UC-1 GPC-6 PC-5 PC-6 PC-8	L1.1, L2.1, L3.1 <b>E1, E2, E3,</b>	
5.3	Ornithosis, chlamydia. Etiology, epidemiology, pathogenesis, clinical picture, diagnosis, treatment <b>/pr/</b>	10	2	UC-1 GPC-6 PC-5 PC-6 PC-8	L1.1, L2.1, L3.1 <b>E1, E2, E3,</b>	
5.4	Etiology, epidemiology, pathogenesis, classification, diagnosis and treatment of anthrax <b>/pr/</b>	10	2	UC-1 GPC-6 PC-5 PC-6 PC-8	L1.1, L2.1, L3.1 <b>E1, E2, E3,</b>	
5.5	Legionellosis, mycoplasma infection. Etiology, epidemiology, pathogenesis, clinical picture, diagnosis, treatment. <b>/pr/</b>	10	2	UC-1 GPC-6 PC-5 PC-6 PC-8	L1.1, L2.1, L3.1 <b>E1, E2, E3,</b>	
5.6	Anthrax. Anti-epidemic measures. The threat of bioterrorism <b>/Self-study/</b>	10	2	UC-1 GPC-6 PC-5 PC-6 PC-8	L1.1, L2.1, L3.1 <b>E1, E2, E3,</b>	
5.7	Tetanus. Etiology, epidemiology, pathogenesis, clinical picture, diagnosis, treatment <b>/pr/</b>	10	2	UC-1 GPC-6 PC-5 PC-6 PC-8	L1.1, L2.1, L3.1 <b>E1, E2, E3,</b>	
5.8	Tick-borne encephalitis <b>/lecture/</b>	10	2	UC-1 GPC-6 PC-5 PC-6 PC-8	L1.1, L2.1, L3.1 <b>E1, E2, E3,</b>	
5.9	Leptospirosis. Etiology, epidemiology, pathogenesis, clinical picture, diagnosis, treatment <b>/pr/</b>	10	4	UC-1 GPC-6 PC-5 PC-6 PC-8	L1.1, L2.1, L3.1 <b>E1, E2, E3,</b>	



5.10	Leptospirosis. Etiology, epidemiology, pathogenesis, clinical picture, diagnosis, treatment /Self-study/	10	2	UC-1 GPC-6 PC-5 PC-6 PC-8	L1.1, L2.1, L3.1 E1, E2, E3,	
5.11	Toxoplasmosis. Etiology, epidemiology, pathogenesis, clinical picture, features of the course of toxoplasmosis during pregnancy - effect on the fetus, diagnosis, treatment. /pr/	10	2	UC-1 GPC-6 PC-5 PC-6 PC-8	L1.1, L2.1, L3.1 E1, E2, E3, E4, E5, E6, E7, E8, E9	
5.12	TORCH infections in immunodeficiency conditions, in older people /Self-study/	10	2	UC-1 GPC-6 PC-5 PC-6 PC-8	L1.1, L2.1, L3.1 E1, E2, E3,	
5.13	Lyme disease. Etiology, epidemiology, pathogenesis, clinic, diagnosis, treatment, preventive measures. /pr/	10	2	UC-1 GPC-6 PC-5 PC-6 PC-8	L1.1, L2.1, L3.1 E1, E2, E3,	
5.14	Lyme Disease /lecture/	10	2	UC-1 GPC-6 PC-5 PC-6 PC-8	L1.1, L2.1, L3.1 E1, E2, E3,	
5.15	Lyme disease. Etiology, epidemiology, pathogenesis, clinic, diagnosis, treatment, preventive measures. /Self-study/	10	2	UC-1 GPC-6 PC-5 PC-6 PC-8	L1.1, L2.1, L3.1 E1, E2, E3,	
5.16	Erysipelas. Etiology, epidemiology, clinical classification, diagnosis, differential diagnosis of erysipelas. Treatment and prevention. /pr/	10	4	UC-1 GPC-6 PC-5 PC-6 PC-8	L1.1, L2.1, L3.1 E1, E2, E3, E4, E5, E6	
5.17	Tick-borne encephalitis. Etiology, epidemiology, pathogenesis, clinic, diagnosis, treatment, preventive measures. /pr/	10	2	UC-1 GPC-6 PC-5 PC-6 PC-8	L1.1, L2.1, L3.1 E1, E2, E3, E4, E5, E6	
5.18	Tick-borne encephalitis. Etiology, epidemiology, pathogenesis, clinic, diagnosis, treatment, preventive measures. /Self-study/	10	2	UC-1 GPC-6 PC-5 PC-6 PC-8	L1.1, L2.1, L3.1 E1, E2, E3, E4, E5, E6	
5.19	Urgent conditions in infectious diseases /pr/	10	4	UC-1 GPC-6 PC-5 PC-6 PC-8	L1.1, L2.1, L3.1 E1, E2, E3,	
5.20	Differential diagnosis of infectious diseases /pr/	10	4	UC-1 GPC-6 PC-5 PC-6 PC-8	L1.1, L2.1, L3.1 E1, E2, E3,	
5.21	Vaccination of infectious diseases according to epidemiological indications /Self-study/	9	4	UC-1 GPC-6 PC-5 PC-6 PC-8	L1.1, L2.1, L3.1 E1, E2, E3,	
<b>Section 6. Exam</b>						
6.1	Exam	10	36	UC-1 GPC-6 PC-5 PC-6 PC-8	L1.1, L2.1, L3.1 E1, E2, E3,	

## 5. FUND OF ASSESSMENT TOOLS

### 5.1. Tests and tasks

Presented by a single document

### 5.2. Topics for written papers

Presented by a single document

## 6. COURSE (MODULE) RESOURCES

### 6.1. Recommended Literature

#### 6.1.1. Core

Code	Authors	Title	Publish., year	Quantity
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Л1.1	N.D. Yushchuk, Yu. Ya. Vengerov.	Infectious diseases: textbook : иностранный язык в профессиональной сфере	Moscow: GEOTAR -Media, 2020, DOI: 10.33029/9704-5504-3-INFDIS-2020-1-464	40
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### 6.1.2. Supplementary

Code	Authors	Title	Publish., year	Quantity
Л2.1	Yushchuk N.D., Vengerov Yu.Ya.	Infectious diseases: textbook: учебник	electronic resource	2

### 6.1.3. Methodical development

Code	Authors	Title	Publish., year	Quantity
Л3.1	Ilyinskikh E. N., Semenova A. V., Boginskaya P. V., Lukashova L. V.	Infectious diseases of digestive and respiratory tracts. Collection of case studies: tutorial	electronic resource	1

### 6.2. Internet resources

E1	Doctor
E2	Clinical laboratory diagnosis
E3	Attending doctor. Magazine
E4	Clinical Microbiology and Antimicrobial Chemotherapy
E5	Virology issues
E6	Epidemiology and vaccine prevention. Magazine
E7	Epidemiology and Infectious Diseases
E8	Infectious diseases. Magazine
E9	Infections and antimicrobial therapy. Magazine
E10	Clinical medicine
E11	Russian Medical Journal

### 6.3.1 Software

6.3.1.1 | Operational system Microsoft, applied programs pack Microsoft Office

### 6.3.2 Information Referral systems

6.3.2.1 | E-data bases: RSL, Orbicon, Medline.

6.3.2.2 | Student Consultant <http://www.studmedlib.ru>

## 7. MATERIAL AND TECHNICAL SUPPORT OF DISCIPLINE (MODULE)

A classroom for conducting lecture-type classes at SurSU. The lecture hall is equipped with a multimedia projector, a screen, a laptop, a stationary chalkboard, standard educational furniture: tables, chairs.

Practical classes, individual consultations, ongoing monitoring and intermediate certification are conducted in the classroom at the Surgut District Clinical Hospital (Infectious Diseases Building). The classroom is equipped with: a laptop, a digital SLR camera, personal computers, a stethophonendoscope, a mechanical blood pressure measuring device. Visual aids and technical training tools: tables and microtables. A set of presentation materials. Videos. Test questions and tasks by topic. It is equipped with standard educational furniture: tables, chairs.