

Документ подписан простой электронной подписью  
 Информация о владельце:  
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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) **8**

Total academic hours 288  
 including:  
 Contact 164  
 Self-study 124

Control:  
 Credit with an assessment, the 9<sup>th</sup>

**Course outline in terms**

Academic year (Term)	7 (4.1)		8 (4.2)		9 (5.1)		Total	
Weeks	17		12 2/6		17 2/6			
Types of classes	Cur	Syl	Cur	Syl	Cur	Syl	Cur	Syl
Lectures	16	16	10	10	10	10	36	36
Practical	56	56	24	24	48	48	128	128
Self-study	36	36	38	38	50	50	124	124
Total	108	108	72	72	108	108	288	288

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 August 12, 2020 No. 988)

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.Б.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>	

PC-1.1. Demonstrates knowledge of etiology, pathogenesis, diagnostic criteria (clinical - subjective, physical, laboratory, instrumental) determines the main pathological conditions, symptoms, syndromes of diseases in a patient and diagnoses nosological forms according to the International Statistical Classification of Diseases and Health-Related Problems, X - XI revisions.

PC-1.2. - Performs differential diagnosis, assesses the prognosis (short-, medium- and long-term) of the course of the disease, and identifies complications of acute and complications of chronic diseases.

PC-2.1. Evaluates the condition of a patient requiring emergency or urgent medical care, diagnoses a life-threatening condition, including clinical death;

PC-3.1 Examines a patient (collects and analyzes patient's complaints, anamnesis data, physical examination data, determines the necessary examination plan, evaluates parameters of laboratory, instrumental, pathological, anatomical and other research methods for disease diagnosis, assesses the prognosis (short-, medium-, long- term) of its course and outcomes;

PC-3.2 Formulates a preliminary and clinical diagnosis in accordance with the International Statistical Classification of Diseases and Health Related Problems X - XI revisions and current clinical classifications;

PC-3.3 Performs early and differential diagnosis of diseases;

PC-3.4 Routes and manages patients based on current legislation (standards, orders of medical care, Clinical Recommendations).

PC-5.2 Treats various categories of patients with diseases in outpatient, inpatient and high-tech medical care centers using drugs, medical devices and therapeutic nutrition, taking into account the clinical picture, in accordance with current procedures, standards of medical care, clinical recommendations (treatment protocols);

PC-7.2 Organizes and supervises immunoprophylaxis of infectious diseases in adult population in accordance with the current procedures of medical care, clinical recommendations (treatment protocols) on issues of medical care, taking into account the standards of medical care and determine medical indications

PC-7.4 Issues and sends to the territorial body of the Federal Service for Supervision of Consumer Rights Protection and Human Welfare an emergency notification in case of detection of a infectious or occupational disease and carry out anti-epidemic measures in case of a focus of infection, including quarantine measures in case of detection of particularly dangerous (quarantine) infectious diseases;

PC-8.1 Demonstrates ability and readiness to organize plan, report of medical staff work, to analyze performance indicators of medical institution and its subdivisions, to present analysis results;

PC-8.2. Maintains medical documentation, including in electronic form;

**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/	7	2	PC-1.1 PC - 1.2 PC -2.1 PC -3.1 PC - 3.2 PC -3.3 PC -3.4 PC - 5.2 PC -7.2 PC -7.4 PC - 8.1 PC -8.2	L1.1, L2.1, L3.1 E1, E2, E3, E4, E5, E6, E7, E8, E9, E10	
	<b>Section 2. Acute infections. Intestinal infections.</b>				L1.1, L2.1, L3.1	

2.1	Typhoid fever. Paratyphs A and B. /lecture/	7	2	PC-1.1 PC -1.2 PC -2.1 PC -3.1 PC -3.2 PC -3.3 PC -3.4 PC -5.2 PC -7.2 PC -7.4 PC -8.1 PC -8.2	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/	7	2	PC-1.1 PC -1.2 PC -2.1 PC -3.1 PC -3.2 PC -3.3 PC -3.4 PC -5.2 PC -7.2 PC -7.4 PC -8.1 PC -8.2	L1.1, L2.1, L3.1 E1, E2, E3, E4, E5, E6, E7, E8, E9, E10	

2.3	Intestinal infections. Etiology, epidemiology, pathogenesis, clinical picture, diagnosis and treatment of typhoid and paratyphoid fever. /Self-study/	7	4	PC-1.1 PC -1.2 PC -2.1 PC -3.1 PC -3.2 PC -3.3 PC -3.4 PC -5.2 PC -7.2 PC -7.4 PC -8.1 PC -8.2	L1.1, L2.1, L3.1 E1, E2, E3, E4, E5, E6, E7, E8, E9, E10	
2.4	Salmonellosis /lecture/	7	2	PC-1.1 PC -1.2 PC -2.1 PC -3.1 PC -3.2 PC -3.3 PC -3.4 PC -5.2 PC -7.2 PC -7.4 PC -8.1 PC -8.2	L1.1, L2.1, L3.1 E1, E2, E3, E4, E5, E6, E7, E8, E9, E10	
2.5	Intestinal infections. Etiology, epidemiology, pathogenesis, classification, clinic, diagnosis and treatment of salmonellosis. /pr/	7	4	PC-1.1 PC -1.2 PC -2.1 PC -3.1 PC -3.2 PC -3.3 PC -3.4 PC -5.2 PC -7.2 PC -7.4 PC -8.1 PC -8.2	L1.1, L2.1, L3.1 E1, E2, E3, E4, E5, E6, E7, E8, E9, E10	
2.6	Salmonellosis. /Self-study/	7	4	PC-1.1 PC -1.2 PC -2.1 PC -3.1 PC -3.2 PC -3.3 PC -3.4 PC -5.2 PC -7.2 PC -7.4 PC -8.1 PC -8.2	L1.1, L2.1, L3.1 E1, E2, E3, E4, E5, E6, E7, E8, E9, E10	
2.7	Acute and chronic dysentery. /lecture/	7	2	PC-1.1 PC -1.2 PC -2.1 PC -3.1 PC -3.2 PC -3.3 PC -3.4 PC -5.2 PC -7.2 PC -7.4 PC -8.1 PC -8.2	L1.1, L2.1, L3.1 E1, E2, E3, E4, E5, E6, E7, E8, E9, E10	
2.8	Intestinal infections. Etiology, epidemiology, pathogenesis, classification, clinic, diagnosis and treatment of acute and chronic dysentery. /pr/	7	2	PC-1.1 PC -1.2 PC -2.1 PC -3.1 PC -3.2 PC -3.3 PC -3.4 PC -5.2 PC -7.2 PC -7.4 PC -8.1 PC -8.2	L1.1, L2.1, L3.1 E1, E2, E3, E4, E5, E6, E7, E8, E9, E10	

2.9	Cholera. /lecture/	7	2	PC-1.1 PC - 1.2 PC -2.1 PC -3.1 PC - 3.2 PC -3.3 PC -3.4 PC - 5.2 PC -7.2 PC -7.4 PC - 8.1 PC -8.2	L1.1, L2.1, L3.1 E1, E2, E3, E4, E5, E6, E7, E8, E9, E10	
2.10	Intestinal infections. Etiology, epidemiology, pathogenesis, clinic, diagnosis and treatment of cholera. Features of the course of cholera El Tor. Hypovolemic shock. /pr/	7	4	PC-1.1 PC - 1.2 PC -2.1 PC -3.1 PC - 3.2 PC -3.3 PC -3.4 PC - 5.2 PC -7.2 PC -7.4 PC - 8.1 PC -8.2	L1.1, L2.1, L3.1 E1, E2, E3, E4, E5, E6, E7, E8, E9, E10	
2.11	Cholera. /Self-study/	7	4	PC-1.1 PC - 1.2 PC -2.1 PC -3.1 PC - 3.2 PC -3.3 PC -3.4 PC - 5.2 PC -7.2 PC -7.4 PC - 8.1 PC -8.2	L1.1, L2.1, L3.1 E1, E2, E3, E4, E5, E6, E7, E8, E9, E10	
2.12	Intestinal infections. Etiology, epidemiology, pathogenesis, classification, clinic, diagnosis and treatment of foodborne toxoinfections. /pr/	7	2	PC-1.1 PC - 1.2 PC -2.1 PC -3.1 PC - 3.2 PC -3.3 PC -3.4 PC - 5.2 PC -7.2 PC -7.4 PC - 8.1 PC -8.2	L1.1, L2.1, L3.1 E1, E2, E3, E4, E5, E6, E7, E8, E9, E10	
2.13	Etiology, epidemiology, pathogenesis, classification, clinic, diagnosis and treatment of botulism. /pr/	7	2	PC-1.1 PC - 1.2 PC -2.1 PC -3.1 PC - 3.2 PC -3.3 PC -3.4 PC - 5.2 PC -7.2 PC -7.4 PC - 8.1 PC -8.2	L1.1, L2.1, L3.1 E1, E2, E3, E4, E5, E6, E7, E8, E9, E10	
2.14	Intestinal infections. Etiology, epidemiology, pathogenesis, classification, clinic, diagnosis and treatment of escherichiosis. /pr/	7	4	PC-1.1 PC - 1.2 PC -2.1 PC -3.1 PC - 3.2 PC -3.3 PC -3.4 PC - 5.2 PC -7.2 PC -7.4 PC - 8.1 PC -8.2	L1.1, L2.1, L3.1 E1, E2, E3, E4, E5, E6, E7, E8, E9, E10	
2.15	Pseudotuberculosis, yersiniosis /lecture/	7	2	PC-1.1 PC - 1.2 PC -2.1 PC -3.1 PC - 3.2 PC -3.3 PC -3.4 PC - 5.2 PC -7.2 PC -7.4 PC - 8.1 PC -8.2	L1.1, L2.1, L3.1 E1, E2, E3, E4, E5, E6, E7, E8, E9, E10	
2.16	Intestinal infections. Etiology, epidemiology, pathogenesis, classification, clinic, diagnosis and treatment of intestinal yersiniosis and pseudotuberculosis. /pr/	7	4	PC-1.1 PC - 1.2 PC -2.1 PC -3.1 PC - 3.2 PC -3.3 PC -3.4 PC - 5.2 PC -7.2 PC -7.4 PC - 8.1 PC -8.2	L1.1, L2.1, L3.1 E1, E2, E3, E4, E5, E6, E7, E8, E9, E10	

2.17	Pseudotuberculosis, yersiniosis /Self-study/	7	4	PC-1.1 PC -1.2 PC -2.1 PC -3.1 PC -3.2 PC -3.3 PC -3.4 PC -5.2 PC -7.2 PC -7.4 PC -8.1 PC -8.2	L1.1, L2.1, L3.1 E1, E2, E3, E4, E5, E6, E7, E8, E9, E10	
2.18	Enterovirus infections. /pr/	7	4	PC-1.1 PC -1.2 PC -2.1 PC -3.1 PC -3.2 PC -3.3 PC -3.4 PC -5.2 PC -7.2 PC -7.4 PC -8.1 PC -8.2	L1.1, L2.1, L3.1 E1, E2, E3, E4, E5, E6, E7, E8, E9, E10	
2.19	Opisthorchiasis /lecture/	7	2	PC-1.1 PC -1.2 PC -2.1 PC -3.1 PC -3.2 PC -3.3 PC -3.4 PC -5.2 PC -7.2 PC -7.4 PC -8.1 PC -8.2	L1.1, L2.1, L3.1 E1, E2, E3, E4, E5, E6, E7, E8, E9, E10	
2.20	Helminthiasis. Toxocarosis. Diphylobothriosis. Teniarinchosis, teniosis. Hymenolipedosis. Echinococcosis. Alveococcosis. Opisthorchiasis. Schistosomiasis. Ascariasis. Enterobiosis. Trichocephalosis. Hookworm disease. strongyloidosis. Trichinosis. Dirofilariasis. /pr/	7	4	PC-1.1 PC -1.2 PC -2.1 PC -3.1 PC -3.2 PC -3.3 PC -3.4 PC -5.2 PC -7.2 PC -7.4 PC -8.1 PC -8.2	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 /lecture/	7	2	PC-1.1 PC -1.2 PC -2.1 PC -3.1 PC -3.2 PC -3.3 PC -3.4 PC -5.2 PC -7.2 PC -7.4 PC -8.1 PC -8.2	L1.1, L2.1, L3.1 E1, E2, E3, E4, E5, E6, E7, E8, E9, E10	
3.2	Etiology, epidemiology, pathogenesis, classification, clinic, diagnosis and treatment of influenza and acute respiratory viral infections /pr/	7	4	PC-1.1 PC -1.2 PC -2.1 PC -3.1 PC -3.2 PC -3.3 PC -3.4 PC -5.2 PC -7.2 PC -7.4 PC -8.1 PC -8.2	L1.1, L2.1, L3.1 E1, E2, E3, E4, E5, E6, E7, E8, E9, E10	
3.3	Etiology, epidemiology, pathogenesis, classification, clinic, diagnosis and treatment of influenza and acute respiratory viral infections /Self-study/	7	4	PC-1.1 PC -1.2 PC -2.1 PC -3.1 PC -3.2 PC -3.3 PC -3.4 PC -5.2 PC -7.2 PC -7.4 PC -8.1 PC -8.2	L1.1, L2.1, L3.1 E1, E2, E3, E4, E5, E6, E7, E8, E9, E10	
3.4	Etiology, epidemiology, pathogenesis, classification, clinic, diagnosis and treatment of diphtheria and angina. /pr/	7	2	PC-1.1 PC -1.2 PC -2.1 PC -3.1 PC -3.2 PC -3.3 PC -3.4 PC -5.2 PC -7.2 PC -7.4 PC -8.1 PC -8.2	L1.1, L2.1, L3.1 E1, E2, E3, E4, E5, E6, E7, E8, E9, E10	

3.5	Meningococcal infection <b>/lecture/</b>	7	2	PC-1.1 PC - 1.2 PC -2.1 PC -3.1 PC - 3.2 PC -3.3 PC -3.4 PC - 5.2 PC -7.2 PC -7.4 PC - 8.1 PC -8.2	L1.1, L2.1, L3.1 E1, E2, E3, E4, E5, E6, E7, E8, E9, E10	
3.6	Etiology, epidemiology, pathogenesis, clinic, diagnosis and treatment of meningococcal infection. <b>/pr/</b>	7	4	PC-1.1 PC - 1.2 PC -2.1 PC -3.1 PC - 3.2 PC -3.3 PC -3.4 PC - 5.2 PC -7.2 PC -7.4 PC - 8.1 PC -8.2	L1.1, L2.1, L3.1 E1, E2, E3, E4, E5, E6, E7, E8, E9, E10	
3.7	Meningococcal infection <b>/Self-study/</b>	7	4	PC-1.1 PC - 1.2 PC -2.1 PC -3.1 PC - 3.2 PC -3.3 PC -3.4 PC - 5.2 PC -7.2 PC -7.4 PC - 8.1 PC -8.2	L1.1, L2.1, L3.1 E1, E2, E3, E4, E5, E6, E7, E8, E9, E10	
3.8	Herpesvirus infections. Etiology, epidemiology, pathogenesis, clinic, diagnosis and treatment of herpes simplex, chickenpox, herpes zoster, infectious mononucleosis, cytomegalovirus infection. <b>/pr/</b>	7	4	PC-1.1 PC - 1.2 PC -2.1 PC -3.1 PC - 3.2 PC -3.3 PC -3.4 PC - 5.2 PC -7.2 PC -7.4 PC - 8.1 PC -8.2	L1.1, L2.1, L3.1 E1, E2, E3, E4, E5, E6, E7, E8, E9, E10	
	<b>Section 4. Blood infections. Infections with parenteral transmission. Viral hepatitis.</b>					
4.1	HIV infection. <b>/lecture/</b>	8	2	PC-1.1 PC - 1.2 PC -2.1 PC -3.1 PC - 3.2 PC -3.3 PC -3.4 PC - 5.2 PC -7.2 PC -7.4 PC - 8.1 PC -8.2	L1.1, L2.1, L3.1 E1, E2, E3, E4, E5, E6, E7, E8, E9, E10	
4.2	Prevention of hemocontact infections in medical workers <b>/lecture/</b>	8	2	PC-1.1 PC - 1.2 PC -2.1 PC -3.1 PC - 3.2 PC -3.3 PC -3.4 PC - 5.2 PC -7.2 PC -7.4 PC - 8.1 PC -8.2	L1.1, L2.1, L3.1 E1, E2, E3, E4, E5, E6, E7, E8, E9, E10	
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>	7	4	PC-1.1 PC - 1.2 PC -2.1 PC -3.1 PC - 3.2 PC -3.3 PC -3.4 PC - 5.2 PC -7.2 PC -7.4 PC - 8.1 PC -8.2	L1.1, L2.1, L3.1 E1, E2, E3, E4, E5, E6, E7, E8, E9, E10	

4.4	HIV infection. /Self-study/	7	6	PC-1.1 PC -1.2 PC -2.1 PC -3.1 PC -3.2 PC -3.3 PC -3.4 PC -5.2 PC -7.2 PC -7.4 PC -8.1 PC -8.2	L1.1, L2.1, L3.1 E1, E2, E3, E4, E5, E6, E7, E8, E9, E10	
4.5	Viral hepatitis. /lecture/	8	2	PC-1.1 PC -1.2 PC -2.1 PC -3.1 PC -3.2 PC -3.3 PC -3.4 PC -5.2 PC -7.2 PC -7.4 PC -8.1 PC -8.2	L1.1, L2.1, L3.1 E1, E2, E3, E4, E5, E6, E7, E8, E9, E10	
4.6	Viral hepatitis A and E, etiology, epidemiology, pathogenesis, clinical picture, diagnosis, treatment /pr/	7	4	PC-1.1 PC -1.2 PC -2.1 PC -3.1 PC -3.2 PC -3.3 PC -3.4 PC -5.2 PC -7.2 PC -7.4 PC -8.1 PC -8.2	L1.1, L2.1, L3.1 E1, E2, E3, E4, E5, E6, E7, E8, E9, E10	
4.7	Acute and chronic forms of liver failure /lecture/	8	2	PC-1.1 PC -1.2 PC -2.1 PC -3.1 PC -3.2 PC -3.3 PC -3.4 PC -5.2 PC -7.2 PC -7.4 PC -8.1 PC -8.2	L1.1, L2.1, L3.1 E1, E2, E3, E4, E5, E6, E7, E8, E9, E10	
4.8	Viral hepatitis. /Self-study/	7	6	PC-1.1 PC -1.2 PC -2.1 PC -3.1 PC -3.2 PC -3.3 PC -3.4 PC -5.2 PC -7.2 PC -7.4 PC -8.1 PC -8.2	L1.1, L2.1, L3.1 E1, E2, E3, E4, E5, E6, E7, E8, E9, E10	
4.9	Viral hepatitis B and C and D, etiology, epidemiology, pathogenesis, clinical picture, diagnosis, treatment. The outcomes of viral hepatitis. /pr/	8	4	PC-1.1 PC -1.2 PC -2.1 PC -3.1 PC -3.2 PC -3.3 PC -3.4 PC -5.2 PC -7.2 PC -7.4 PC -8.1 PC -8.2	L1.1, L2.1, L3.1 E1, E2, E3, E4, E5, E6, E7, E8, E9, E10	
4.10	Differential diagnosis of diseases accompanied by jaundice syndrome /pr/	8	2	PC-1.1 PC -1.2 PC -2.1 PC -3.1 PC -3.2 PC -3.3 PC -3.4 PC -5.2 PC -7.2 PC -7.4 PC -8.1 PC -8.2	L1.1, L2.1, L3.1 E1, E2, E3, E4, E5, E6, E7, E8, E9, E10	
4.11	Hemorrhagic fevers /lecture/	8	2	PC-1.1 PC -1.2 PC -2.1 PC -3.1 PC -3.2 PC -3.3 PC -3.4 PC -5.2 PC -7.2 PC -7.4 PC -8.1 PC -8.2	L1.1, L2.1, L3.1 E1, E2, E3, E4, E5, E6, E7, E8, E9, E10	

4.12	Hemorrhagic fevers. Crimean and Omsk fevers. Etiology, epidemiology, pathogenesis, clinic, diagnosis, treatment, preventive measures. /pr/	8	2	PC-1.1 PC -1.2 PC -2.1 PC -3.1 PC -3.2 PC -3.3 PC -3.4 PC -5.2 PC -7.2 PC -7.4 PC -8.1 PC -8.2	L1.1, L2.1, L3.1 E1, E2, E3, E4, E5, E6, E7, E8, E9, E10	
4.13	Hemorrhagic fevers. Hemorrhagic fever with renal syndrome. Etiology, epidemiology, pathogenesis, clinic, diagnosis, treatment, preventive measures. /pr/	8	4	PC-1.1 PC -1.2 PC -2.1 PC -3.1 PC -3.2 PC -3.3 PC -3.4 PC -5.2 PC -7.2 PC -7.4 PC -8.1 PC -8.2	L1.1, L2.1, L3.1 E1, E2, E3, E4, E5, E6, E7, E8, E9, E10	
4.14	Hemorrhagic fevers. Ebola, Marburg, Lassa fever. Etiology, epidemiology, pathogenesis, clinic, diagnosis, treatment, preventive measures. /pr/	8	4	PC-1.1 PC -1.2 PC -2.1 PC -3.1 PC -3.2 PC -3.3 PC -3.4 PC -5.2 PC -7.2 PC -7.4 PC -8.1 PC -8.2	L1.1, L2.1, L3.1 E1, E2, E3, E4, E5, E6, E7, E8, E9, E10	
4.15	Hemorrhagic fevers as particularly dangerous infections. The tactics of a doctor in an emergency. /Self-study/	8	6	PC-1.1 PC -1.2 PC -2.1 PC -3.1 PC -3.2 PC -3.3 PC -3.4 PC -5.2 PC -7.2 PC -7.4 PC -8.1 PC -8.2	L1.1, L2.1, L3.1 E1, E2, E3, E4, E5, E6, E7, E8, E9, E10	
4.16	Typhus, rickettsiosis. Etiology, epidemiology, pathogenesis, clinical picture, diagnosis, treatment /pr/	8	4	PC-1.1 PC -1.2 PC -2.1 PC -3.1 PC -3.2 PC -3.3 PC -3.4 PC -5.2 PC -7.2 PC -7.4 PC -8.1 PC -8.2	L1.1, L2.1, L3.1 E1, E2, E3, E4, E5, E6, E7, E8, E9, E10	
4.17	Typhus, rickettsiosis. Etiology, epidemiology, pathogenesis, clinical picture, diagnosis, treatment /Self-study/	8	2	PC-1.1 PC -1.2 PC -2.1 PC -3.1 PC -3.2 PC -3.3 PC -3.4 PC -5.2 PC -7.2 PC -7.4 PC -8.1 PC -8.2	L1.1, L2.1, L3.1 E1, E2, E3, E4, E5, E6, E7, E8, E9, E10	
4.18	Malaria. Etiology, epidemiology, pathogenesis, clinical picture, diagnosis, treatment /pr/	8	4	PC-1.1 PC -1.2 PC -2.1 PC -3.1 PC -3.2 PC -3.3 PC -3.4 PC -5.2 PC -7.2 PC -7.4 PC -8.1 PC -8.2	L1.1, L2.1, L3.1 E1, E2, E3, E4, E5, E6, E7, E8, E9, E10	
4.19	Malaria. Etiology, epidemiology, pathogenesis, clinical picture, diagnosis, treatment /Self-study/	8	4	PC-1.1 PC -1.2 PC -2.1 PC -3.1 PC -3.2 PC -3.3 PC -3.4 PC -5.2 PC -7.2 PC -7.4 PC -8.1 PC -8.2	L1.1, L2.1, L3.1 E1, E2, E3, E4, E5, E6, E7, E8, E9, E10	
	<b>Section 5. Other infectious diseases</b>					

5.1	Tularemia. The plague. Brucellosis /lecture/	9	2	PC-1.1 PC -1.2 PC -2.1 PC -3.1 PC -3.2 PC -3.3 PC -3.4 PC -5.2 PC -7.2 PC -7.4 PC -8.1 PC -8.2	L1.1, L2.1, L3.1 E1, E2, E3, E4, E5, E6, E7, E8, E9, E10	
5.2	Etiology, epidemiology, pathogenesis, classification, diagnosis and treatment of tularemia, plague, brucellosis. /pr/	9	4	PC-1.1 PC -1.2 PC -2.1 PC -3.1 PC -3.2 PC -3.3 PC -3.4 PC -5.2 PC -7.2 PC -7.4 PC -8.1 PC -8.2	L1.1, L2.1, L3.1 E1, E2, E3, E4, E5, E6, E7, E8, E9, E10	
5.3	Ornithosis, chlamydia. Etiology, epidemiology, pathogenesis, clinical picture, diagnosis, treatment /pr/	9	2	PC-1.1 PC -1.2 PC -2.1 PC -3.1 PC -3.2 PC -3.3 PC -3.4 PC -5.2 PC -7.2 PC -7.4 PC -8.1 PC -8.2	L1.1, L2.1, L3.1 E1, E2, E3, E4, E5, E6, E7, E8, E9, E10	
5.4	Etiology, epidemiology, pathogenesis, classification, diagnosis and treatment of anthrax /pr/	9	2	PC-1.1 PC -1.2 PC -2.1 PC -3.1 PC -3.2 PC -3.3 PC -3.4 PC -5.2 PC -7.2 PC -7.4 PC -8.1 PC -8.2	L1.1, L2.1, L3.1 E1, E2, E3, E4, E5, E6, E7, E8, E9, E10	
5.5	Legionellosis, mycoplasma infection. Etiology, epidemiology, pathogenesis, clinical picture, diagnosis, treatment. /pr/	9	2	PC-1.1 PC -1.2 PC -2.1 PC -3.1 PC -3.2 PC -3.3 PC -3.4 PC -5.2 PC -7.2 PC -7.4 PC -8.1 PC -8.2	L1.1, L2.1, L3.1 E1, E2, E3, E4, E5, E6, E7, E8, E9, E10	
5.6	Anthrax. Anti-epidemic measures. The threat of bioterrorism /Self-study/	8	6	PC-1.1 PC -1.2 PC -2.1 PC -3.1 PC -3.2 PC -3.3 PC -3.4 PC -5.2 PC -7.2 PC -7.4 PC -8.1 PC -8.2	L1.1, L2.1, L3.1 E1, E2, E3, E4, E5, E6, E7, E8, E9, E10	
5.7	Tetanus. Etiology, epidemiology, pathogenesis, clinical picture, diagnosis, treatment /pr/	9	2	PC-1.1 PC -1.2 PC -2.1 PC -3.1 PC -3.2 PC -3.3 PC -3.4 PC -5.2 PC -7.2 PC -7.4 PC -8.1 PC -8.2	L1.1, L2.1, L3.1 E1, E2, E3, E4, E5, E6, E7, E8, E9, E10	
5.8	Tick-borne encephalitis /lecture/	9	2	PC-1.1 PC -1.2 PC -2.1 PC -3.1 PC -3.2 PC -3.3 PC -3.4 PC -5.2 PC -7.2 PC -7.4 PC -8.1 PC -8.2	L1.1, L2.1, L3.1 E1, E2, E3, E4, E5, E6, E7, E8, E9, E10	

5.9	Leptospirosis. Etiology, epidemiology, pathogenesis, clinical picture, diagnosis, treatment / <b>pr</b> /	9	4	PC-1.1 PC -1.2 PC -2.1 PC -3.1 PC -3.2 PC -3.3 PC -3.4 PC -5.2 PC -7.2 PC -7.4 PC -8.1 PC -8.2	L1.1, L2.1, L3.1 E1, E2, E3, E4, E5, E6, E7, E8, E9, E10	
5.10	Leptospirosis. Etiology, epidemiology, pathogenesis, clinical picture, diagnosis, treatment / <b>Self-study</b> /	9	4	PC-1.1 PC -1.2 PC -2.1 PC -3.1 PC -3.2 PC -3.3 PC -3.4 PC -5.2 PC -7.2 PC -7.4 PC -8.1 PC -8.2	L1.1, L2.1, L3.1 E1, E2, E3, E4, E5, E6, E7, E8, E9, E10	
5.11	Toxoplasmosis. Etiology, epidemiology, pathogenesis, clinical picture, features of the course of toxoplasmosis during pregnancy - effect on the fetus, diagnosis, treatment. / <b>pr</b> /	9	2	PC-1.1 PC -1.2 PC -2.1 PC -3.1 PC -3.2 PC -3.3 PC -3.4 PC -5.2 PC -7.2 PC -7.4 PC -8.1 PC -8.2	L1.1, L2.1, L3.1 E1, E2, E3, E4, E5, E6, E7, E8, E9, E10	
5.12	TORCH infections in immunodeficiency conditions, in older people / <b>Self-study</b> /	9	6	PC-1.1 PC -1.2 PC -2.1 PC -3.1 PC -3.2 PC -3.3 PC -3.4 PC -5.2 PC -7.2 PC -7.4 PC -8.1 PC -8.2	L1.1, L2.1, L3.1 E1, E2, E3, E4, E5, E6, E7, E8, E9, E10	
5.13	Lyme disease. Etiology, epidemiology, pathogenesis, clinic, diagnosis, treatment, preventive measures. / <b>pr</b> /	9	4	PC-1.1 PC -1.2 PC -2.1 PC -3.1 PC -3.2 PC -3.3 PC -3.4 PC -5.2 PC -7.2 PC -7.4 PC -8.1 PC -8.2	L1.1, L2.1, L3.1 E1, E2, E3, E4, E5, E6, E7, E8, E9, E10	
5.14	Lyme Disease / <b>lecture</b> /	9	2	PC-1.1 PC -1.2 PC -2.1 PC -3.1 PC -3.2 PC -3.3 PC -3.4 PC -5.2 PC -7.2 PC -7.4 PC -8.1 PC -8.2	L1.1, L2.1, L3.1 E1, E2, E3, E4, E5, E6, E7, E8, E9, E10	
5.15	Lyme disease. Etiology, epidemiology, pathogenesis, clinic, diagnosis, treatment, preventive measures. / <b>Self-study</b> /	9	4	PC-1.1 PC -1.2 PC -2.1 PC -3.1 PC -3.2 PC -3.3 PC -3.4 PC -5.2 PC -7.2 PC -7.4 PC -8.1 PC -8.2	L1.1, L2.1, L3.1 E1, E2, E3, E4, E5, E6, E7, E8, E9, E10	
5.16	Erysipelas. Etiology, epidemiology, clinical classification, diagnosis, differential diagnosis of erysipelas. Treatment and prevention. / <b>pr</b> /	9	4	PC-1.1 PC -1.2 PC -2.1 PC -3.1 PC -3.2 PC -3.3 PC -3.4 PC -5.2 PC -7.2 PC -7.4 PC -8.1 PC -8.2	L1.1, L2.1, L3.1 E1, E2, E3, E4, E5, E6, E7, E8, E9, E10	

5.17	Erysipelas /lecture/	9	2	PC-1.1 PC - 1.2 PC -2.1 PC -3.1 PC - 3.2 PC -3.3 PC -3.4 PC - 5.2 PC -7.2 PC -7.4 PC - 8.1 PC -8.2	L1.1, L2.1, L3.1 E1, E2, E3, E4, E5, E6, E7, E8, E9, E10	
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5.18	Tick-borne encephalitis. Etiology, epidemiology, pathogenesis, clinic, diagnosis, treatment, preventive measures. /pr/	9	4	PC-1.1 PC - 1.2 PC -2.1 PC -3.1 PC - 3.2 PC -3.3 PC -3.4 PC - 5.2 PC -7.2 PC -7.4 PC - 8.1 PC -8.2	L1.1, L2.1, L3.1 E1, E2, E3, E4, E5, E6, E7, E8, E9, E10	
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5.19	West Nile fever. Ehrlichioses /pr/	9	4	PC-1.1 PC - 1.2 PC -2.1 PC -3.1 PC - 3.2 PC -3.3 PC -3.4 PC - 5.2 PC -7.2 PC -7.4 PC - 8.1 PC -8.2	L1.1, L2.1, L3.1 E1, E2, E3, E4, E5, E6, E7, E8, E9, E10	
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5.20	Tick-borne encephalitis. Etiology, epidemiology, pathogenesis, clinic, diagnosis, treatment, preventive measures. /Self-study/	9	4	PC-1.1 PC - 1.2 PC -2.1 PC -3.1 PC - 3.2 PC -3.3 PC -3.4 PC - 5.2 PC -7.2 PC -7.4 PC - 8.1 PC -8.2	L1.1, L2.1, L3.1 E1, E2, E3, E4, E5, E6, E7, E8, E9, E10	
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5.21	Leishmaniasis. Etiology, epidemiology, pathogenesis, clinic, diagnosis, treatment, preventive measures. /pr/	9	2	PC-1.1 PC - 1.2 PC -2.1 PC -3.1 PC - 3.2 PC -3.3 PC -3.4 PC - 5.2 PC -7.2 PC -7.4 PC - 8.1 PC -8.2	L1.1, L2.1, L3.1 E1, E2, E3, E4, E5, E6, E7, E8, E9, E10	
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5.22	Urgent conditions in infectious diseases /pr/	9	4	PC-1.1 PC - 1.2 PC -2.1 PC -3.1 PC - 3.2 PC -3.3 PC -3.4 PC - 5.2 PC -7.2 PC -7.4 PC - 8.1 PC -8.2	L1.1, L2.1, L3.1 E1, E2, E3, E4, E5, E6, E7, E8, E9, E10	
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5.23	Differential diagnosis of infectious diseases with exanthema syndrome /pr/	9	2	PC-1.1 PC - 1.2 PC -2.1 PC -3.1 PC - 3.2 PC -3.3 PC -3.4 PC - 5.2 PC -7.2 PC -7.4 PC - 8.1 PC -8.2	L1.1, L2.1, L3.1 E1, E2, E3, E4, E5, E6, E7, E8, E9, E10	
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5.24	Differential diagnosis of infectious diseases with lymphadenopathy syndrome /pr/	9	2	PC-1.1 PC - 1.2 PC -2.1 PC -3.1 PC - 3.2 PC -3.3 PC -3.4 PC - 5.2 PC -7.2 PC -7.4 PC - 8.1 PC -8.2	L1.1, L2.1, L3.1 E1, E2, E3, E4, E5, E6, E7, E8, E9, E10	
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5.25	Differential diagnosis of infectious diseases with diarrhea syndrome <b>/pr/</b>	9	2	PC-1.1 PC -1.2 PC -2.1 PC -3.1 PC -3.2 PC -3.3 PC -3.4 PC -5.2 PC -7.2 PC -7.4 PC -8.1 PC -8.2	L1.1, L2.1, L3.1 E1, E2, E3, E4, E5, E6, E7, E8, E9, E10	
5.26	Differential diagnosis of infectious diseases with fever syndrome <b>/pr/</b>	9	2	PC-1.1 PC -1.2 PC -2.1 PC -3.1 PC -3.2 PC -3.3 PC -3.4 PC -5.2 PC -7.2 PC -7.4 PC -8.1 PC -8.2	L1.1, L2.1, L3.1 E1, E2, E3, E4, E5, E6, E7, E8, E9, E10	
5.27	Differential diagnosis of infectious diseases <b>/Self-study/</b>	9	3	PC-1.1 PC -1.2 PC -2.1 PC -3.1 PC -3.2 PC -3.3 PC -3.4 PC -5.2 PC -7.2 PC -7.4 PC -8.1 PC -8.2	L1.1, L2.1, L3.1 E1, E2, E3, E4, E5, E6, E7, E8, E9, E10	
5.28	Hemolytic-uremic syndrome <b>/Self-study/</b>	9	2	PC-1.1 PC -1.2 PC -2.1 PC -3.1 PC -3.2 PC -3.3 PC -3.4 PC -5.2 PC -7.2 PC -7.4 PC -8.1 PC -8.2	L1.1, L2.1, L3.1 E1, E2, E3, E4, E5, E6, E7, E8, E9, E10	
5.29	Infectious and toxic shock <b>/lecture/</b>	9	2	PC-1.1 PC -1.2 PC -2.1 PC -3.1 PC -3.2 PC -3.3 PC -3.4 PC -5.2 PC -7.2 PC -7.4 PC -8.1 PC -8.2	L1.1, L2.1, L3.1 E1, E2, E3, E4, E5, E6, E7, E8, E9, E10	
5.30	Vaccination of infectious diseases according to epidemiological indications <b>/Self-study/</b>	8	6	PC-1.1 PC -1.2 PC -2.1 PC -3.1 PC -3.2 PC -3.3 PC -3.4 PC -5.2 PC -7.2 PC -7.4 PC -8.1 PC -8.2	L1.1, L2.1, L3.1 E1, E2, E3, E4, E5, E6, E7, E8, E9, E10	
5.31	Rabies <b>/Self-study/</b>	8	6	PC-1.1 PC -1.2 PC -2.1 PC -3.1 PC -3.2 PC -3.3 PC -3.4 PC -5.2 PC -7.2 PC -7.4 PC -8.1 PC -8.2	L1.1, L2.1, L3.1 E1, E2, E3, E4, E5, E6, E7, E8, E9, E10	
5.32	Smallpox of monkeys <b>/Self-study/</b>	8	4	PC-1.1 PC -1.2 PC -2.1 PC -3.1 PC -3.2 PC -3.3 PC -3.4 PC -5.2 PC -7.2 PC -7.4 PC -8.1 PC -8.2	L1.1, L2.1, L3.1 E1, E2, E3, E4, E5, E6, E7, E8, E9, E10	

5.33	Dengue fever /Self-study/	8	4	PC-1.1 PC - 1.2 PC -2.1 PC -3.1 PC -3.2 PC -3.3 PC -3.4 PC -5.2 PC -7.2 PC -7.4 PC -8.1 PC -8.2	L1.1, L2.1, L3.1 E1, E2, E3, E4, E5, E6, E7, E8, E9, E10	
<b>Section 6. Credit with an assessment</b>						

6.1	Credit with an assessment	9	27	PC-1.1 PC - 1.2 PC -2.1 PC -3.1 PC - 3.2 PC -3.3 PC -3.4 PC - 5.2 PC -7.2 PC -7.4 PC - 8.1 PC -8.2	L1.1, L2.1, L3.1 E1, E2, E3, E4, E5, E6, E7, E8, E9, E10	
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## 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
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

#### 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
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### **6.3.2 Information Referral systems**

6.3.2.1	<a href="http://www.garant.ru">http://www.garant.ru</a> "Garant"
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6.3.2.2	<a href="http://www.consultant.ru">http://www.consultant.ru</a> "Consultant Plus"
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## **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.