

**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



ENDORSED by
Professor Anes-Zarifyan

COVID-19 patient care

Abstract of discipline (module)

Assigned to **Department of Infectious diseases**

Academic curriculum 31050151_18_3456LD 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 Kuvatova D.O; PhD, head of department Radchenko E.A.

Course hours scheduling (per semester)

Semester Academic Year	10 (5.2)		Total	
	17			
Weeks	AC	CO	AC	CO
Type of training				
Lectures	12	12	12	12
Practical session	6	6	6	6
Contact work	0,2	0,2	0,2	0,2
Total in-class session	18	18	18	18
Face-to-face learning	18,2	18,2	18,2	18,2
Student's individual work	17,8	17,8	17,8	17,8
Total	36	36	36	36

1. COURSE OUTLINE OBJECTIVES

1.1	Formation of knowledge of skills and practical skills necessary for the early diagnosis of a new coronavirus infection, the implementation of a complex of therapeutic and preventive measures, the diagnosis of emergency conditions at the pre-hospital stages of medical care.
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2. PLACE OF THE COURSE IN THE EDUCATIONAL PROGRAM

Educational Program Units:	Optional discipline
2.1	Student's preliminary training requirements:
2.1.1	Infectious diseases
2.2	Course units and practical sessions imposing the prior Proficiency:
2.2.1	Family medicine

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

GPC-10: readiness to ensure the organization of care for the sick and the provision of primary health care

Knowledge:

Level 1	Basic rules for the organization of patient care and the provision of primary pre-medical health care.
Level 2	The specifics of the main methods of organizing patient care and providing primary pre-medical health care
Level 3	The main methods of organizing patient care and providing primary pre-hospital health care.

Skills:

Level 1	To reveal the meaning of the organization of patient care and the provision of primary pre-hospital health care.
Level 2	To compare different methods of organizing patient care and providing primary pre-hospital health care.
Level 3	To note the practical value of specific methods of organizing patient care and providing primary pre-medical health care.

Expertise:

Level 1	Preparedness skills to ensure the organization of patient care and the provision of primary pre-hospital health care.
Level 2	Search techniques and identification of the main methods of organizing patient care and providing primary pre-medical health care
Level 3	Skills for assessing, differentiating the main methods of organizing patient care and providing primary pre-medical health care.

GPC-11: readiness for the use of medical devices provided for by the procedures for the provision of medical care

Knowledge:

Level 1	Medical devices provided by the procedures for the provision of medical care.
Level 2	Comparative characteristics of medical devices provided for by the procedures for providing medical care to patients
Level 3	The use of medical devices provided for by the procedures for providing medical care to patients.

Skills:

Level 1	Determine the scope of medical devices provided for by the procedures for the provision of medical care.
Level 2	Conduct a comparative analysis of medical devices.
Level 3	Apply medical devices provided for by the procedures for providing medical care to patients

Expertise:

Level 1	The skills to identify medical devices, their scope and the algorithm for using them to provide medical care.
Level 2	Comparative characteristics of medical devices and use in standard cases
Level 3	Skills in the use of medical devices provided for by the procedures for providing medical care to patients

PC-9: readiness for the management and treatment of patients with various nosological forms in outpatient and day-care hospital levels

Knowledge:

Level 1	The structure of the infectious service, the principles of organization, the organization of the work of infectious diseases hospitals, departments, wards;
Level 2	The main aspects of the pathogenesis of infectious diseases; The main clinical manifestations (symptoms, syndromes) of the studied infectious diseases;
Level 3	Basic principles of treatment of infectious diseases;

Skills:	
Level 1	Assess the severity of the course of an infectious disease; Predict the course and outcome of an infectious disease;
Level 2	Diagnose emergency conditions in a child with an infectious pathology, as well as determine further medical tactics in threatening conditions;
Level 3	Formulate a diagnosis in accordance with the requirements of ICD-10.
Expertise:	
Level 1	Skills in providing a complex of therapeutic and preventive measures at the pre-hospital and hospital stages;
Level 2	Skills in providing emergency (urgent) and first medical aid in case of infectious pathology;
Level 3	Methods for examining a child with an infectious pathology (examination, palpation, percussion, auscultation);

PC-13: readiness to participate in the provision of medical care in emergency situations, including participation in medical evacuation

Knowledge:	
Level 1	Fundamentals of medical and evacuation measures in emergency situations.
Level 2	Types of emergency situations (ES) in peacetime - man-made, biological, social, their traumatic factors and types of possible injuries in people as a result of these emergency situations (ES)
Level 3	Preparation of healthcare facilities for work in emergency situations (ES) of peacetime and wartime. Peculiarities of work of healthcare facilities in emergency situations of peacetime and wartime.
Skills:	
Level 1	Perform medical triage
Level 2	To characterize the medical and tactical situation of various types of emergency situations (ES)
Level 3	Provide first aid to victims in emergency situations (ES)
Expertise:	
Level 1	Techniques for providing first aid to the injured, sick, wounded in emergency situations of war and peacetime
Level 2	The main technical means of cardiopulmonary resuscitation, personal and medical protective equipment
Level 3	Techniques for providing first aid to victims in the foci of emergency situations.

Final student's competences:

3.1	Knowledge:
	The structure of the infectious service, the principles of organization, the organization of the work of infectious diseases hospitals, departments, wards; Main aspects of the pathogenesis of COVID-19; Main clinical manifestations (symptoms, syndromes) of COVID-19; The main methods of laboratory and instrumental diagnostics used in infectology (indications for use, theoretical foundations of the method, interpretation of the results); Basic principles for the treatment of COVID-19; Indications for hospitalization for COVID-19; Specific and non-specific prevention of COVID-19.
3.2	Skills:
	Collect a medical and life history (including an epidemiological history) from an infectious patient; Draw up a diagnostic search algorithm, a plan for laboratory and instrumental examination; Interpret the results of laboratory and instrumental examination of the patient; Identify leading clinical and laboratory syndromes; Conduct a differential diagnosis between various diseases with similar clinical symptoms; Assess the severity of COVID-19 infection; Predict the course and outcome of COVID-19; Diagnose emergency conditions in patients with COVID-19, as well as determine further medical tactics in threatening conditions; Formulate a diagnosis in accordance with the requirements of ICD-10.
3.3	Expertise:
	Methods for examining a patient with COVID-19 (examination, palpation, percussion, auscultation); In differential diagnosis of symptoms and syndromes specific to COVID-19; In providing a complex of therapeutic and preventive measures at the pre-hospital and hospital stages; In providing emergency (emergency) and first aid for COVID-19;