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

Approved by
 Deputy Rector for Academic

_____ E.V. Konovalova

13 June 2024r., Record№5

Outpatient Therapy Syllabus

Department **Internal** Department

Curriculum s310501-ЛечДелоИн-24-5.pli.xml
 Specialty 31.05.01 General Medicine

Qualification **General Practitioner**

Form of education **Full-time**

Total (in credits) Total (in credits)

Total academic hours 432
 including:
 Contact 288
 Self-study 108
 Control hours 36

Tips of control in semesters:
 exams 12
 credits 10, 11

Course outline in terms

Academic year (Term)	9 (5.1)		10 (5.2)		11 (6.1)		12 (6.2)		Total	
	17 2/6		16 4/6		17 2/6		16 5/6			
Weeks	Cur	Syl	Cur	Syl	Cur	Syl	Cur	Syl	Cur	Syl
Lectures	16	16	16	16	16	16	16	16	64	64
Practical	64	64	32	32	64	64	64	64	224	224
Self-study	6	6	4	4	4	4	8	8	22	22
Control hours	80	80	48	48	80	80	80	80	288	288
Total	80	80	48	48	80	80	80	80	288	288
Academic year	28	28	24	24	28	28	28	28	108	108
							36	36	36	36
Total	108	108	72	72	108	108	144	144	432	432

The Syllabus is compiled by:

PhD in Medical Sciences, Associate Professor, Korneeva E.V. _____

The Syllabus

Outpatient Therapy

Federal State Educational Standard of higher education in the specialty

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)

Based on the Curriculum:

31.05.01 GENERAL MEDICINE

Specialization: General Medicine

Approved by the Academic Council of Surgut State University on 13.06.2024 Record No 5.

The Syllabus was approved by the department

Internal Diseases

“25” April 2024, Record No. 7

Head of Department, Doctor of Medicine, Professor Ariamkina O.L.

1. COURSE OBJECTIVES

1.1	The aim is to prepare students for performing preventive, diagnostic, medical, rehabilitative, organizational and managerial work in health facilities, according to the requirements of the Federal State Educational Standard of Higher Education.
1.2	The objectives of mastering the discipline " Outpatient Therapy" are to acquaint the students with the organization of ambulatory outpatient care, tasks and duties of a primary care physician, methods of diagnostics and treatment of common diseases.

2. COURSE OVERVIEW

Course code (in curriculum)	B1.B
2.1	Assumed background:
2.1.1	Immunology
2.1.2	Hygiene
2.1.3	Epidemiology
2.1.4	Medical Rehabilitation
2.1.5	Clinical Pharmacology
2.1.6	Neurology, Clinical Genetics, Neurosurgery
2.1.7	Faculty Therapy, Professional Diseases
2.1.8	Introduction to Internal Medicine, X-Ray Diagnostics
2.1.9	Hospital Therapy, Endocrinology
2.2	Post requisites:
2.2.1	Clinical Practice, General Practitioner Assistant (hospital)
2.2.2	Clinical Practice, General Practitioner Assistant (outpatient)
2.2.3	Practice, research work

3. COMPETENCES UPON COMPLETION OF THE COURSE (MODULE)

By the end of the course students must:

3.1	Know:
3.1.1	<input type="checkbox"/> how to analyse the effectiveness of their actions;
3.1.2	<input type="checkbox"/> how to introduce new work forms;
3.1.3	<input type="checkbox"/> how to use the legal and regulatory documentation, regulating professional work, to apply the methods of medical statistics;
3.1.4	how to analyse the indicators of the population's health and health care facilities work efficiency;
3.1.5	<input type="checkbox"/> how to maintain medical documentation, with the use of computing as well;
3.1.6	<input type="checkbox"/> how to use application program software for work purposes;
3.1.7	how to apply information technology (computer workstation) in professional activities;
3.1.8	<input type="checkbox"/> aetiology, pathogenesis and prevention measures of the most frequent diseases;
3.1.9	<input type="checkbox"/> present-day disease classification;
3.1.10	<input type="checkbox"/> clinical picture of a disease, disease progression and the possible complications of typical forms of most frequent diseases in different age groups;

3.1.11	<input type="checkbox"/> diagnostic methods, features of diagnostic examination methods in therapeutics, surgery and infectious diseases treatment, modern methods of clinical, laboratory, instrumental examination of patients (including the endoscopic and radiological methods, ultrasound diagnostics);
3.1.12	<input type="checkbox"/> the basics of preventive medicine, organization of preventive measures for the population's health improvement;
3.1.13	<input type="checkbox"/> public health education techniques;
3.1.14	<input type="checkbox"/> the basics of organization of (outpatient and inpatient) care for various population groups, medical screening principles, the patients' rehabilitation, the basics of health maintenance for athletes;
3.1.15	<input type="checkbox"/> the system of temporary incapacity examination and social security disability medical examination in the Russian Federation;
3.1.16	<input type="checkbox"/> doctor's rights, duties and responsibilities;
3.1.17	<input type="checkbox"/> the features of organization and amount of doctor's work in ambulatory outpatient unit, present-day diagnostic capacities of outpatient service, first emergency medical aid measures, indications for planned hospital admission of patients;
3.1.18	<input type="checkbox"/> the system of temporary incapacity examination and social security disability medical examination in the Russian Federation;
3.1.19	<input type="checkbox"/> doctor's rights, duties and responsibilities;
3.1.20	<input type="checkbox"/> the features of organization and amount of doctor's work in ambulatory outpatient unit, present-day diagnostic capacities of outpatient service, first emergency medical aid measures, indications for planned hospital admission of patients
3.2	be able to:
3.2.1	<input type="checkbox"/> plan, analyse and evaluate the quality of medical aid, the population's health status and natural and industrial environment influence on it;
3.2.2	<input type="checkbox"/> use application programs for work purposes;
3.2.3	<input type="checkbox"/> use information technology (computer workstation) in professional activities;
3.2.4	<input type="checkbox"/> take part in arranging and taking preventive and anti-epidemic measures among people with regard to their social and professional status (such as being a professional athlete), age and gender;
3.2.5	<input type="checkbox"/> identify patient's status: obtaining patient's medical history, interviewing patients and/or their relatives, physical examination of a patient (general examination, palpation, auscultation, measurement of blood pressure, defining arterial pulse properties, etc.);
3.2.6	<input type="checkbox"/> evaluate the patient's condition for health services delivery;
3.2.7	<input type="checkbox"/> do initial examination of patient's systems and organs: nervous system, endocrine system, immune system, respiratory system, cardiovascular system, blood and hematopoietic organs, digestive system, urinary system, reproductive system, locomotor system and joints, eyes, ears, throat, nose;
3.2.8	<input type="checkbox"/> take primary and secondary measures among the patients of the health service area to prevent the most frequent diseases demanding the medical or surgical treatment
3.2.9	<input type="checkbox"/> take preventive measures to raise patients' organisms resistance to adverse environmental factors, promote physical activity, sports, and healthy lifestyle;
3.2.10	<input type="checkbox"/> evaluate the effectiveness of prophylactic medical examination for patients;
3.2.11	<input type="checkbox"/> conduct examination for temporary incapacity assignment;
3.2.12	<input type="checkbox"/> determine indications for the social security disability medical examination;
3.2.13	<input type="checkbox"/> apply first aid in case of medical emergencies, first aid measures to injured people in affected areas in case of emergency.

4. . STRUCTURE AND CONTENTS OF THE COURSE (MODULE)

Class Code	Topics/Class type	Term / Academic year	Academic hours	Competences	Literature	Interactive
	Chapter 1. 1.1 Organization of ambulatory outpatient care for the population of the Russian Federation /lecture					
1.1	Organization of ambulatory outpatient care for the population of the Russian Federation /Lec/	9	2	GC-1 GPC- 1 PC-1 PC- 2 PC-7 PC- 11	L1.1L2.3 L3.1	
1.2	Basic knowledge of regulatory documentation /Pr.work/	9	8	GC-1 GPC- 1 PC-1 PC- 2 PC-7 PC- 11	L1.1L2.3 L3.1	

1.3	Basic knowledge of regulatory documentation / self-study /In.work/	9	6	GC-1 GPC-1 PC-1 PC- 2 PC-7 PC- 11	L1.1L2.3 L3.1	
	Chapter 2. Practical work of a primary care physician at an outpatient department. Tasks, duties and work process of a primary care physician. Preventive services. Health resort treatment					
2.1	Practical work of a primary care physician at an outpatient department. Tasks, duties and work process of a primary care physician. Preventive services. Health resort treatment /Lec/	9	4	GC-1 GPC-1 PC-1 PC- 2 PC-7 PC- 11	L1.1L2.3 L3.1	
2.2	Practical work of a primary care physician at an outpatient department. Tasks, duties and work process of a primary care physician. Preventive services. Health resort treatment /Pr.work/	9	12	GC-1 GPC-1 PC-1 PC- 2 PC-7 PC- 11	L1.1L2.3 L3.1	
2.3	Practical work of a primary care physician at an outpatient department. Tasks, duties and work process of a primary care physician. Preventive services. Health resort treatment /In.work/	9	6	GC-1 GPC-1 PC-1 PC- 2 PC-7 PC- 11	L1.1L2.3 L3.1	
	Chapter 3. Social security medical examination and incapacity examination in the ambulatory outpatient practice					
3.1	Social security medical examination and incapacity examination in the ambulatory outpatient practice /Lec/	9	4	GC-1 GPC-1 PC-1 PC- 2 PC-7 PC- 11	L1.1L2.3 L3.1	
3.2	Social security disability medical examination and incapacity examination in the ambulatory outpatient practice /Pr.work/	9	12	GC-1 GPC-1 PC-1 PC- 2 PC-7 PC- 11	L1.1L2.3 L3.1	
3.3	Social security disability medical examination and incapacity examination in the ambulatory outpatient practice /In.work/	9	6	GC-1 GPC-1 PC-1 PC- 2 PC-7 PC- 11	L1.1L2.3 L3.1	
	Chapter 4. Persistent low-grade fever and fever syndrome in practice of a health centre physician					
4.1	Persistent low-grade fever and fever syndrome in practice of a health centre physician /Lec/	9	2	GC-1 GPC-1 PC-1 PC- 2 PC-7 PC- 11	L1.1L2.3 L3.1	
4.2	Persistent low-grade fever and fever syndrome in practice of a health centre physician /Pr.work/	9	18	GC-1 GPC-1 PC-1 PC- 2 PC-7 PC- 11	L1.1L2.3 L3.1	
4.3	Persistent low-grade fever and fever syndrome in practice of a health centre physician /In.work/	9	4	GC-1 GPC-1 PC-1 PC- 2 PC-7 PC- 11	L1.1L2.3 L3.1	
	Chapter 5. Influenza and other acute respiratory viral infections in practice of a primary care physician					
5.1	Influenza and other acute respiratory viral infections in practice of a primary care physician /Lec/	9	4	GC-1 GPC-1 PC-1 PC- 2 PC-7 PC- 11	L1.1L2.3 L3.1	

5.2	Influenza and other acute respiratory viral infections in practice of a primary care physician /Pr.work/	9	14	GC-1 GPC-1 PC-1 PC- 2 PC-7 PC- 11	L1.1L2.3 L3.1	
5.3	Influenza and other acute respiratory viral infections in practice of a primary care physician /In.work/	9	6	GC-1 GPC-1 PC-1 PC- 2 PC-7 PC- 11	L1.1L2.3 L3.1	
5.4	/Counter slave/	9	0	GC-1 GPC-1 PC-1 PC- 2 PC-7 PC- 11	L1.1L2.3 L3.1	
Chapter 6. Pneumonia. Diagnosis, treatment principles, prophylactic medical examination						
6.1	Pneumonia. Diagnosis, treatment principles, prophylactic medical examination /Lec/	10	6	GC-1 GPC-1 PC-1 PC- 2 PC-7 PC- 11	L1.1L2.3 L3.1	
6.2	Pneumonia. Diagnosis, treatment principles, prophylactic medical examination /Pr.work/	10	12	GC-1 GPC-1 PC-1 PC- 2 PC-7 PC- 11	L1.1L2.3 L3.1	
6.3	Pneumonia. Diagnosis, treatment principles, prophylactic medical examination /In.work/	10	6	GC-1 GPC-1 PC-1 PC- 2 PC-7 PC- 11	L1.1L2.3 L3.1	
Chapter 7. Differential diagnosis of chronic obstructive pulmonary disease and bronchial asthma, indications for hospitalization, treatment of chronic obstructive pulmonary disease and bronchial asthma in practice of a primary care physician						
7.1	Differential diagnosis of chronic obstructive pulmonary disease and bronchial asthma, indications for hospitalization, treatment of chronic obstructive pulmonary disease and bronchial asthma in practice of a primary care physician /Lec/	10	6	GC-1 GPC-1 PC-1 PC- 2 PC-7 PC- 11	L1.1L2.3 L3.1	
7.2	Differential diagnosis of chronic obstructive pulmonary disease and bronchial asthma, indications for hospitalization, treatment of chronic obstructive pulmonary disease and bronchial asthma in practice of a primary care physician /Pr.work/	10	12	GC-1 GPC-1 PC-1 PC- 2 PC-7 PC- 11	L1.1L2.3 L3.1	
7.3	Differential diagnosis of chronic obstructive pulmonary disease and bronchial asthma, indications for hospitalization, treatment of chronic obstructive pulmonary disease and bronchial asthma in practice of a primary care physician /In.work/	10	6	GC-1 GPC-1 PC-1 PC- 2 PC-7 PC- 11	L1.1L2.3	
Chapter 8. Iron deficiency and B12 deficiency anemia in practice of a primary care physician						
8.1	Iron deficiency and B12 deficiency anemia in practice of a primary care physician /Lec/	10	4	GC-1 GPC-1 PC-1 PC- 2 PC-7 PC- 11	L1.1L2.3 L3.1	

8.2	Iron deficiency and B12 deficiency anemia in practice of a primary care physician /Pr.work/	10	8	GC-1 GPC-1 PC-1 PC- 2 PC-7 PC- 11	L1.1L2.3 L3.1	
8.3	Iron deficiency and B12 deficiency anemia in practice of a primary care physician /In.work/	10	12	GC-1 GPC-1 PC-1 PC- 2 PC-7 PC- 11	L1.1L2.3 L3.1	
8.4	/Counter slave/	10	0	GC-1 GPC-1 PC-1 PC- 2 PC-7 PC- 11	L1.1L2.2 L2.3 L3.1	
8.5	/ Test /	10	0	GC-1 GPC-1 PC-1 PC- 2 PC-7 PC- 11	L1.1L2.2 L2.3 L3.1	
	Chapter 9. Features of the course and treatment of somatic diseases during pregnancy and the tasks of a health centre primary care physician. Antenatal care during pregnancy and after childbirth					
9.1	Features of the course and treatment of somatic diseases during pregnancy and the tasks of a health centre primary care physician. Antenatal care during pregnancy and after childbirth /Lec/	11	4	GC-1 GPC-1 PC-1 PC- 2 PC-7 PC- 11	L1.1L2.2 L2.3 L3.1	
9.2	Features of the course and treatment of somatic diseases during pregnancy and the tasks of a health centre primary care physician. Antenatal care during pregnancy and after childbirth /Pr.work/	11	16	GC-1 GPC-1 PC-1 PC- 2 PC-7 PC- 11	L1.1L2.2 L2.3 L3.1	
9.3	Features of the course and treatment of somatic diseases during pregnancy and the tasks of a health centre primary care physician. Antenatal care during pregnancy and after childbirth /In.work/	11	12	GC-1 GPC-1 PC-1 PC- 2 PC-7 PC- 11	L1.1L2.2 L2.3 L3.1	
	Chapter 10. Chronic gastritis, peptic ulcer, chronic pancreatitis, functional dyspepsia in practice of a primary care physician					
10.1	Chronic gastritis, peptic ulcer, chronic pancreatitis, functional dyspepsia in practice of a primary care physician /Lec/	11	4	GC-1 GPC-1 PC-1 PC- 2 PC-7 PC- 11	L1.1L2.2 L2.3 L3.1	
10.2	Chronic gastritis, peptic ulcer, chronic pancreatitis, functional dyspepsia in practice of a primary care physician /Pr.work/	11	12	GC-1 GPC-1 PC-1 PC- 2 PC-7 PC- 11	L1.1L2.2 L2.3 L3.1	
10.3	Chronic gastritis, peptic ulcer, chronic pancreatitis, functional dyspepsia in practice of a primary care physician /In.work/	11	6	GC-1 GPC-1 PC-1 PC- 2 PC-7 PC- 11	L1.1L2.2 L2.3 L3.1	
	Chapter 11. Functional disorders of colon, biliary dyskinesia and chronic non-calculous cholecystitis in practice of a health centre primary care physician					
11.1	Functional disorders of colon, biliary dyskinesia and chronic non-calculous cholecystitis in practice of a health centre primary care physician /Lec/	11	4	GC-1 GPC-1 PC-1 PC- 2 PC-7 PC- 11	L1.1L2.2 L2.3 L3.1	

11.2	Functional disorders of colon, biliary dyskinesia and chronic non-calculous cholecystitis in practice of a health centre primary care physician /Pr.work/	11	18	GC-1 GPC-1 PC-1 PC- 2 PC-7 PC- 11	L1.1L2.2 L2.3 L3.1	
11.3	Functional disorders of colon, biliary dyskinesia and chronic non-calculous cholecystitis in practice of a health centre primary care physician /In.work/	11	6	GC-1 GPC-1 PC-1 PC- 2 PC-7 PC- 11	L1.1L2.2 L2.3 L3.1	
	Chapter 12. Acute and chronic glomerulonephritis, differential diagnosis, indications for hospitalization, chronic pyelonephritis in practice of a health centre primary care physician					
12.1	Acute and chronic glomerulonephritis, differential diagnosis, indications for hospitalization, chronic pyelonephritis in practice of a health centre primary care physician /Lec/	11	4	GC-1 GPC-1 PC-1 PC- 2 PC-7 PC- 11	L1.1L2.2 L2.3 L3.1	
12.2	Acute and chronic glomerulonephritis, differential diagnosis, indications for hospitalization, chronic pyelonephritis in practice of a health centre primary care physician /Pr.work/	11	18	GC-1 GPC-1 PC-1 PC- 2 PC-7 PC- 11	L1.1L2.2 L2.3 L3.1	
12.3	Acute and chronic glomerulonephritis, differential diagnosis, indications for hospitalization, chronic pyelonephritis in practice of a health centre primary care physician /In.work/	11	4	GC-1 GPC-1 PC-1 PC- 2 PC-7 PC- 11	L1.1L2.2 L2.3 L3.1	
12.4	/ Test/	11	0	GC-1 GPC-1 PC-1 PC- 2 PC-7 PC- 11	L1.1L2.2 L2.3 L3.1	
12.5	/ Counter slave /	11	0	GC-1 GPC-1 PC-1 PC- 2 PC-7 PC- 11	L1.1L2.2 L2.3 L3.1	
	Chapter 13. Hypertension, symptomatic hypertension in practice of a health centre primary care physician					
13.1	Hypertension, symptomatic hypertension in practice of a health centre primary care physician /Lec/	12	6	GC-1 GPC-1 PC-1 PC- 2 PC-7 PC- 11	L1.1L2.2 L2.3 L3.1	
13.2	Hypertension, symptomatic hypertension in practice of a health centre primary care physician /Pr.work/	12	18	GC-1 GPC-1 PC-1 PC- 2 PC-7 PC- 11	L1.1L2.2 L2.3 L3.1	
13.3	Hypertension, symptomatic hypertension in practice of a health centre primary care physician /In.work/	12	12	GC-1 GPC-1 PC-1 PC- 2 PC-7 PC- 11	L1.1L2.2 L2.3 L3.1	
	Chapter 14. Syndrome of pain on the left side of the chest. Managing patients with coronary artery disease and non-coronary myocardial diseases in out-patient clinic conditions, indications for hospitalization. Ambulatory Outpatient stage of rehabilitation of patients with acute coronary syndrome and myocardial infarction					

14.1	Syndrome of pain on the left side of the chest. Managing patients with coronary artery disease and non-coronary myocardial diseases in out-patient clinic conditions, indications for hospitalization. Ambulatory Outpatient stage of rehabilitation of patients with acute coronary syndrome and myocardial infarction /Lec/	12	6	GC-1 GPC-1 PC-1 PC- 2 PC-7 PC- 11	L1.1L2.2 L2.3 L3.1	
14.2	Syndrome of pain on the left side of the chest. Managing patients with coronary artery disease and non-coronary myocardial diseases in out-patient clinic conditions, indications for hospitalization. Ambulatory Outpatient stage of rehabilitation of patients with acute coronary syndrome and myocardial infarction /Lec/	12	22	GC-1 GPC-1 PC-1 PC- 2 PC-7 PC- 11	L1.1L2.2 L2.3 L3.1	
14.3	Syndrome of pain on the left side of the chest. Managing patients with coronary artery disease and non-coronary myocardial diseases in out-patient clinic conditions, indications for hospitalization. Ambulatory Outpatient stage of rehabilitation of patients with acute coronary syndrome and myocardial infarction /In.work/	12	12	GC-1 GPC-1 PC-1 PC- 2 PC-7 PC- 11	L1.1L2.2 L2.3 L3.1	
Chapter 15. Diseases of the musculoskeletal system: rheumatoid arthritis, reactive arthritis, osteoarthritis, gout in practice of a health centre primary care physician						
15.1	Diseases of the musculoskeletal system: rheumatoid arthritis, reactive arthritis, osteoarthritis, gout in practice of a health centre primary care physician /Lec/	12	4	GC-1 GPC-1 PC-1 PC- 2 PC-7 PC- 11	L1.1L2.2 L2.3 L3.1	
15.2	Diseases of the musculoskeletal system: rheumatoid arthritis, reactive arthritis, osteoarthritis, gout in practice of a health centre primary care physician /Pr.work/	12	24	GC-1 GPC-1 PC-1 PC- 2 PC-7 PC- 11	L1.1L2.2 L2.3 L3.1	
15.3	Diseases of the musculoskeletal system: rheumatoid arthritis, reactive arthritis, osteoarthritis, gout in practice of a health centre primary care physician /In.work/	12	4	GC-1 GPC-1 PC-1 PC- 2 PC-7 PC- 11	L1.1L2.2 L2.3 L3.1	
15.4	/Counter slave./	12	0	GC-1 GPC-1 PC-1 PC- 2 PC-7 PC- 11	L1.1L2.2 L2.3 L3.1	
15.5	/Exams/	12	36	GC-1 GPC-1 PC-1 PC- 2 PC-7 PC- 11	L1.1L2.2 L2.3 L3.1	

5.Evaluation tools

5.1. Evaluation tools for current control and intermediate certification

Appkication

5.2. Evaluation tools for diagnostic testing

Appkication

6. COURSE (MODULE) RESOURCES

6.1. Recommended Literature

6.1.1. Core				
	Authors	Title	Publish, year	Quantity
L1.1	Ivashkin V. T., Ochlobystin A. V.	Internal Diseases Propedeutics: textbook	Moscow: GEOTAR -Media, 2020	12
6.1.2. Supplementary				
	Authors	Title	Publish, year	Quantity
L2.1	Alyautdin R.N.	Pharmacology. Illustrated textbook: учебник	Moscow: GEOTAR -Media, 2020, Electronic resource	2
L2.2	Amsterdam, Ezra A.	Contemporary Cardiovascular Disease Risk Factors in Special Populations	Associates in Medical Marketing Co., Inc.,2010. Electronic resource	2
L2.3	Anand, Ashish.	Management of Osteoarthritis - A Holistic View, (Frontiers in Arthritis, Volume 1)	Bentham Science Publishers Ltd.2017. Electronic resource	1
6.1.3. Course manuals				
	Authors	Title	Publish, year	Quantity
L3.1	American Medical Association.	Physician's Guide to Medical Staff Organization Bylaws	By-laws--United States.,Health facilities--United States--Administration.,Medical personnel--United States. Electronic resource	1
6.2. Internet resources				
E1	Medline			
E2	Free Medical Journals			
6.3.1 Software				
6.3.1.1	Operational system Microsoft, applied programs pack Microsoft Office			
6.3.1.2	Internet access (Wi-Fi)			
6.3.2 Information Referral systems				
6.3.2.1	http://www.consultant.ru/			
6.3.2.2	http://www.garant.ru/			

7. MATERIAL AND TECHNICAL SUPPORT OF THE DISCIPLINE (MODULE)	
7.1	Classrooms for lectures are equipped with the necessary specialized educational furniture and technical means for providing educational information to students, a media projector, a stationary screen and educational medical equipment and instruments: a 3-channel electrocardiograph, a medical examination couch, a wearable 3-channel ECG recorder, a polycarbonate screen 3-section, tonometer, stethoscope, phonendoscope, thermometer, medical scales, stadiometer, anti-shock set, set and packing for emergency preventive and therapeutic measures, bactericidal irradiator, infusomat, postoperative aspirator, defibrillator with synchronization function, tripod for long-term infusion infusions, spiograph, pulse oximeter, portable blood sugar analyzer with test strips, express blood cholesterol analyzer, portable express analyzer of cardiomarkers, disposable mouth expander, tongue holder, hand dynamometer and flat scope dinner, spirometer, peak expiratory flow meter (peak flow meter) with replaceable mouthpieces.
7.2	Classrooms for lectures are equipped with the necessary specialized educational furniture and technical means for providing educational information to students, a media projector, a stationary screen and educational medical equipment and tools: a 3-channel electrocardiograph, a medical examination couch, a wearable 3-channel ECG recorder, a polycarbonate screen 3-x section, tonometer, stethoscope, phonendoscope, thermometer, medical scales, stadiometer, anti-shock set, set and packing for emergency preventive and therapeutic measures, bactericidal irradiator, infusomat, postoperative aspirator, defibrillator with synchronization function, tripod for long-term infusion, spiograph, pulse oximeter, portable blood sugar analyzer with test strips, express analyzer of blood cholesterol level, portable, express analyzer of cardiomarkers, portable, disposable mouth speculum, tongue holder, hand dynamometer and flat circle nny, spirometer, meter of peak expiratory flow rate (peak flow meter) with replaceable mouthpieces.

7.3	Classrooms of the MI simulation center equipped with phantom and simulation equipment, laboratory instruments and consumables in sufficient quantity
7.4	Multimedia projector
7.5	Dummy - (7-year-old child for resuscitation, with the possibility of defibrillation and pacing)
7.6	BabyAnn - (newborn. Foreign body of the larynx)
7.7	ResusciBaby CPR Practice Dummy
7.8	ResusciJunior CPR Practice Dummy
7.9	NursingKid dummy - (7 years old child with variable physiology for practicing diagnostic and treatment measures)
7.10	Digital manikin for auscultation of heart and lungs Z990.
7.11	7.11 UN / DGNV Digital Cardiac and Lung Auscultation Manikin.
7.12	7.12 Zoll Defibrillator
7.13	7.13 Intubation Head Trainer.
7.14	7.14 Simulator for s / c, i / m injections.
7.15	7.15 Simulator for intravenous injection.
7.16	7.16 Nursingkid Trainer, Nursingbaby.
7.17	7.17 Tonometer, phonendoscope.
7.18	7.18 Electrodes of the electrocardiograph.
7.19	7.19 AMBU bag with a set of face masks.
7.20	7.20 Oxygen mask
7.21	7.21 Intubation set
7.22	7.22 Endotracheal tube set
7.23	7.23 Infusion set
7.24	7.24 Syringe set
7.25	7.25 Cubital catheters
7.26	7.26 Fixation plaster
7.27	7.27 Drug simulants
7.28	7.28 Aspirator
7.29	7.29 Laryngeal mask
7.30	7.30 Air compressor
7.31	7.31 Vacuum aspirator
7.32	7.32 Lineomat
7.33	7.33 Mechanical ventilator
7.34	7.34 Gastric tube
7.35	7.35 Nasogastric tube
7.36	7.36 Trainer for setting an enema. Esmarch's irrigator
7.37	7.37 Dressings
7.38	7.38 Medical trays
7.39	7.39 Medical furniture
7.40	7.40 Library of laboratory and instrumental research results
7.41	7.42 Roles for Standardized Patients
7.42	7.43 Library of situational tasks