

Документ подписан простой электронной подписью
Информация о владельце:
ФИО: Косенок Сергей Михайлович
Должность: ректор
Дата подписания: 18.07.2025 08:15:18
Уникальный программный ключ:
e3a68f3eaa1e62674b54f4998099d3d6bfdcf836

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

Approved by
Deputy Rector for Academic Affairs

_____ E.V. Konovalova
"11" June 2025, Record No. 5

Outpatient Therapy Syllabus

Department	Internal Diseases
Curriculum	s310501-ЛечДелоИн-25-5.plx Specialty 31.05.01 General Medicine
Qualification	General Practitioner
Form of education	Full-time
Total (in credits)	9
Total academic hours	324
including:	
Contact	240
Self-study	84

Control:
Credit with a mark 11, 12 terms

Course outline in terms

Academic year (Term)	5 (5.2)		6 (6.1)		6 (6.2)		Total
	Cur	Syl	Cur	Syl	Cur	Syl	Cur
Weeks	17,0		17,0		17,0		
Lectures	16	16	16	16	16	16	48
Practical	64	64	64	64	64	64	192
Contact	80	80	80	80	80	80	240
Self-study	28	28	28	28	28	28	84
Total	108	108	108	108	108	108	324

The Syllabus is compiled by:

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

The Syllabus

Outpatient Therapy

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, №988)

Based on the Curriculum:

31.05.01 GENERAL MEDICINE

Specialization: General Medicine

Approved by the Academic Council of Surgut State University, “11” 06 2025, Record No. 5

The Syllabus was approved by the department

Internal Diseases

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

1. COURSE OBJECTIVES	
1.1	<p>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.</p> <p>The objective of the course "Outpatient Therapy" is 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.</p>

2. COURSE OVERVIEW	
Course code (in curriculum)	
2.1	Assumed background:
	Faculty therapy
	Hygiene
	Microbiology, Virology
	Internal Diseases Propaedeutics,
	Pharmacology
	Neurology, Clinical Genetics, Neurosurgery
	X-Ray Diagnostics
	Hospital Therapy (the 5th year)
2.2	Post requisite courses and practice:
	Professional Diseases
	Medical rehabilitation
3. COMPETENCES UPON COMPLETION OF THE COURSE (MODULE)	

GPC-1.2: Demonstrates working knowledge of Russian healthcare legislation (Federal Law 323-FZ, 326-FZ, Labor Code) and consistently establishes doctor-patient relationships in full compliance with legal standards, including informed consent documentation.
GPC-1.3: Applies ethical and professional principles in clinical practice.
GPC-2.2: Understands the state strategy for promoting healthy lifestyles (per Russian Federation Ministry of Health Order No. 8 of 15.01.2020), including non-communicable disease prevention, health education, and population hygiene promotion.
GPC-2.3: Demonstrates ability and readiness to implement health preservation measures, including: promoting healthy lifestyles, preventing disease occurrence/spread, conducting early detection, identifying causes/progression mechanisms, and mitigating adverse environmental health impacts.
GPC-5.8: Understands pathophysiological mechanisms underlying systemic pathological processes and specific diseases; identifies key pathogenic drivers in clinical contexts and justifies evidence-based mechanism-targeted therapy.
GPC-5.10: Understands disease etiology and pathogenesis to evaluate clinical presentations, enabling evidence-based diagnosis, treatment, and prevention.
GPC-6.1: Delivers evidence-based primary healthcare and coordinates comprehensive patient care.
GPC-6.2: Demonstrates ability and readiness to performing preventive screenings, routine examinations, and follow-up care; makes clinical judgments and delivers timely medical interventions during prehospital emergencies.

GPC-7.2: Demonstrates ability to prescribe evidence-based treatment regimens according to current clinical guidelines.
GPC-7.3: Monitors treatment efficacy and safety according to current clinical guidelines.
PC-1.1: Demonstrates knowledge about the etiology, pathogenesis, diagnostic criteria (clinical – subjective, physical, laboratory, instrumental) determines the patient's main pathological conditions, symptoms, disease syndromes and diagnoses nosological forms according to the International Statistical Classification of Diseases and Health-related Problems, X – XI revisions
PC-1.2: Carries out diagnostics, evaluates the prognosis (short-, medium- and long-term course) of the disease, identifies acute complications and complications of chronic diseases
PC-2.1: Assesses patients requiring emergency or urgent medical care, including those in clinical death (cardiopulmonary arrest).
PC-2.2: Applies techniques, medications, and medical devices (e.g., defibrillator) in emergency/urgent care settings for: sudden acute conditions, life-threatening exacerbations of chronic diseases, and non-emergent chronic disease exacerbations requiring urgent intervention.
PC-2.3: Performs basic cardiopulmonary resuscitation (CPR) during emergency care for patients in cardiac arrest.
PC-4.2: Demonstrates capability to co-manage pregnant patients with comorbidities during pregnancy and postpartum in collaboration with obstetrician-gynecologists.
PC-5.2: Provides patient care across settings – outpatient, inpatient, and high-tech medical centers – administering medications, medical devices, and therapeutic nutrition according to clinical presentation, current standards of care, and clinical guidelines.
PC-6.1: Evaluates the patient's functional limitations to determine temporary or permanent disability status
PC-6.2: Conducts temporary disability assessments and prepares medical documentation for medical-social examinations at federal medical-social examination institutions.
PC-6.4: Refers patients requiring medical rehabilitation to a specialist for sanatorium treatment, including cases involving an Individual Rehabilitation Program (IRP) or Habilitation. This is performed in accordance with applicable clinical guidelines, treatment protocols, and medical care standards.
PC-7.2: Organizes and oversees adult immunization programs against infectious diseases in accordance with applicable clinical guidelines, medical care standards, and procedures. Determines medical indications for quarantine measures and specialist referrals for infectious/parasitic diseases.
PC-7.3: Performs clinical examinations of the adult population and conducts follow-up surveillance of patients with chronic non-communicable diseases (NCDs) to enable early detection of NCDs and associated risk factors, in compliance with current regulatory requirements.
PC-7.4: Drafts and submits emergency notifications to territorial Rospotrebnadzor offices upon detection of infectious or occupational diseases. Implements anti-epidemic measures in infection foci, including quarantine for quarantinable diseases.
PC-7.5: Educates patients and families on health-promoting hygiene practices, self-monitoring of physiological indicators, and disease prevention. Implements population health education and healthy lifestyle programs – including alcohol/tobacco reduction and substance misuse prevention – while evaluating the effectiveness of preventive interventions.
PC-8.1: Demonstrates capability to organize personnel planning/reporting, analyze healthcare facility KPIs, and present findings to stakeholders.

PC-8.2: Maintains medical records in both paper and electronic formats.

PC-8.3: Implements internal quality control and clinical safety protocols within designated responsibilities. Oversees performance compliance of nursing/junior medical staff and other healthcare personnel.

By the end of the course students must:

3.1	know:
	<ul style="list-style-type: none">– analyzing the effectiveness of their actions;– introducing new work forms;– use of the legal and regulatory documentation, regulating professional work, to apply the methods of medical statistics;- analyzing the indicators of the population's health and health care facilities work efficiency;– maintaining medical documentation, with the use of computing as well;– use of application program software for work purposes;- applying information technology (computer workstation) in professional activities;– aetiology, pathogenesis and prevention measures of the most frequent diseases;– present-day disease classification;– clinical picture of a disease, disease progression and the possible complications of typical forms of most frequent diseases in different age groups;– 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);– the basics of preventive medicine, organization of preventive measures for the population's health improvement;– public health education techniques;– 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;– the system of temporary incapacity examination and social security disability medical examination in the Russian Federation;– doctor's rights, duties and responsibilities;– 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;– the system of temporary incapacity examination and social security disability medical examination in the Russian Federation;– doctor's rights, duties and responsibilities;– 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:

	<ul style="list-style-type: none"> – plan, analyse and evaluate the quality of medical aid, the population's health status and natural and industrial environment influence on it; – use application programs for work purposes; – use information technology (computer workstation) in professional activities; – 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; – 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.); – evaluate the patient's condition for health services delivery; – 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; – 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 – take preventive measures to raise patients' organisms resistance to adverse environmental factors, promote physical activity, sports, and healthy lifestyle; – evaluate the effectiveness of prophylactic medical examination for patients; – conduct examination for temporary incapacity assignation; – determine indications for the social security disability medical examination; – apply first aid in case of medical emergencies, first aid measures to injured people in affected areas in case of emergency.
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4. STRUCTURE AND CONTENTS OF THE COURSE (MODULE)

Surgical module

Class Code	Topics/Class type	Term / Academic year	Academic hours	Competences	Literature	Inter active	Notes
1	1.1 Organization of ambulatory outpatient care for the population of the Russian Federation /Lec/	10	2	GPC-1.2 GPC-1.3 GPC-2.2 GPC-2.3 GPC-6.2 GPC-7.2	L1.1. L3.2. L3.3.		
	1.2 Basic knowledge of regulatory documentation /Pr/	10	6	GPC-1.2 GPC-1.3 GPC-2.2 GPC-2.3	L1.1. L3.2. L3.3.		
	1.3 Basic knowledge of regulatory documentation / Self-study/	10	4	GPC-1.2 GPC-1.3 GPC-2.2 GPC-2.3	L1.1. L3.2. L3.3.		

2	2.1 Practice of a primary care physician at an outpatient department. Tasks, duties and work process of a primary care physician. Preventive services. Health resort	10	6	PC-5.2 PC-6.4 PC-7.2 PC-7.3 PC- 7.4 PC-7.5 PC-8.1 PC-8.2	L1.1. L3.2. L3.3.		
	2.2 Practice 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/	10	12	PC-7.4 PC-7.5 PC-8.1 PC-8.2 PC-8.3	L1.1. L3.2. L3.3.		
	2.3 Practice of a primary care physician at an outpatient department. Tasks, duties and work process of a primary care physician. Preventive services. Health resort treatment /Self-study/	10	6	PC-8.1 PC-8.2 PC-8.3	L1.1. L3.2. L3.3.		
3	3.1 Social security medical examination and incapacity examination in the ambulatory outpatient practice /Lec/	10	2	PC-6.1 PC-6.2 PC-6.4 PC-8.2 PC- 8.3	L1.1.		
	3.2 Social security disability medical examination and incapacity examination in the ambulatory outpatient practice /Pr/	10	12	PC-6.1 PC-6.2 PC-6.4	L1.1.		
	3.3 Social security disability medical examination and incapacity examination in the ambulatory outpatient practice /Self-study/	10	6	PC-6.1 PC-6.2 PC-6.4	L1.1.		
4	4.1 Persistent low-grade fever and fever syndrome in practice of a health center physician /Lec/	10	2	GPC-5.10 GPC-6.1 GPC-7.2 GPC-7.3 PC-1.1 PC-1.2 PC-2.1	L1.1. L3.1. E1		
	4.2 Persistent low-grade fever and fever syndrome in practice of a health center physician /Pr/	10	12	PC-1.2 PC-2.1 PC-2.2 PC-5.2	L1.1. L3.1. E1		

	4.3 Persistent low-grade fever and fever syndrome in practice of a health center physician /Self-study/	10	4	GPC-6.1 GPC-7.2 GPC-7.3 PC-1.1 PC-1.2 PC-1.2 PC-2.1	L1.1. L3.1. E1		
5	5.1 Influenza and other acute respiratory viral infections in practice of a primary care physician /Lec/	10	2	PC-1.2 PC-1.2 PC-2.2	L1.1. L2.3. L3.1. E1		
	5.2 Influenza and other acute respiratory viral infections in practice of a primary care physician /Pr/	10	12	PC-2.1 PC-2.2 PC-5.2	L1.1. L2.3. L3.1. E1.		
	5.3 Influenza and other acute respiratory viral infections in practice of a primary care physician /Self-study/	10	2	PC-1.2 PC-2.1 PC-2.2 PC-5.2	L1.1. L2.3. L3.1. E1		
6	6.1 Pneumonia. Diagnosis, treatment principles, prophylactic medical examination /Lec/	10	2	PC-2.1 PC-2.2 PC-2.3	L1.1. L3.1. E1		
	6.2 Pneumonia. Diagnosis, treatment principles, prophylactic medical examination. /Pr/	10	12	PC-2.1 PC-2.2 PC-2.3	L1.1. L3.1. E1		
	6.3 Pneumonia. Diagnosis, treatment principles, prophylactic medical examination /Self-study/	10	4	PC-2.1 PC-2.2 PC-2.3	L1.1. L3.1. E1		
	6.4. Control	10	0	GPC-6.1 GPC-7.2 GPC-7.3 PC-1.1 PC-1.2 PC-1.2 PC-2.1	L1.1. L3.1. E1		
7	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	11	4	PC-1.1 PC-1.2 PC-2.1 PC-2.2 PC-2.3	L1.1. L3.1. E1 L3.5.		

	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	11	12	PC-1.1 PC-1.2 PC-2.1 PC-2.2 PC-2.3	L1.1. L3.1. E1 L3.5.		
	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	11	8	PC-1.1 PC-1.2 PC-2.1 PC-2.2 PC-2.3	L1.1. L3.1. E1 L3.5.		
8	8.1 Iron deficiency and B12 deficiency anemia in practice of a primary care physician /Lec/	11	2	PC-1.1 PC-1.2 PC-2.1 PC-2.2 PC-2.3			
	8.2 Iron deficiency and B12 deficiency anemia in practice of a primary care physician /Pr/	11	12	PC-1.1 PC- 1.2 PC- 2.1 PC-2.2 PC- 2.3			
	8.3 Iron deficiency and B12 deficiency anemia in practice of a primary care physician /Self-study/	11	4	PC-1.1 PC-1.2 PC-2.1 PC-2.2 PC-2.3			
9	9.1 Features of the course and treatment of somatic diseases during pregnancy and the tasks of a health center primary care physician. Antenatal care during pregnancy and after childbirth /Lec/	11	4	PC-1.1 PC-1.2 PC-2.1 PC-4.2	L1.1. L3.1. E1		
	9.2 Features of the course and treatment of somatic diseases during pregnancy and the tasks of a health center primary care physician. Antenatal care during pregnancy and after childbirth /Pr/	11	16	PC-1.1 PC-1.2 PC-2.1 PC-2.2 PC-4.2	L1.1. L3.1. E1		

	9.3 Features of the course and treatment of somatic diseases during pregnancy and the tasks of a health center primary care physician. Antenatal care during pregnancy and after childbirth /Self-study/	11	4	PC-1.1 PC-1.2 PC-2.1 PC-2.2 PC-4.2	L1.1. L3.1. E1		
10	10.1 Chronic gastritis, peptic ulcer, chronic pancreatitis, functional dyspepsia in practice of a primary care physician /Lec/	11	4	PC-1.1 PC-1.2 PC-2.1 PC-2.2	L1.1. L3.1. E1		
	10.2 Chronic gastritis, peptic ulcer, chronic pancreatitis, functional dyspepsia in practice of a primary care physician /Pr/	11	12	PC-1.1 PC-1.2 PC-2.1 PC-2.2	L1.1. L3.1. E1		
	10.3 Chronic gastritis, peptic ulcer, chronic pancreatitis, functional dyspepsia in practice of a primary care physician /Self-study/	11	8	PC-1.1 PC-1.2 PC-2.1 PC-2.2	L1.1. L3.1. E1		
11	11.1 Functional disorders of colon, biliary dyskinesia and chronic non-calculous cholecystitis in practice of a health center primary care physician /Lec/	11	2	PC-1.1 PC-1.2 PC-2.1 PC-2.2	L1.1. L2.5. L3.1. E1		
	11.2 Functional disorders of colon, biliary dyskinesia and chronic non-calculous cholecystitis in practice of a health center primary care physician /Pr/	11	12	PC-1.1 PC-1.2 PC-2.1 PC-2.2	L1.1. L2.5. L3.1. E1		
	11.3 Functional disorders of colon, biliary dyskinesia and chronic non-calculous cholecystitis in practice of a health center primary care physician /Self-study/	11	4	PC-1.1 PC-1.2 PC-2.1 PC-2.2	L1.1. L2.5. L3.1. E1		
	11.4. Control	11	0	PC-1.1 PC-1.2 PC-2.1 PC-2.2	L1.1. L2.5. L3.1.		
	11.5. Credit with a mark	11	0	PC-1.1 PC-1.2 PC-2.1 PC-2.2	L1.1. L2.5. L3.1. E1		

12	12.1 Acute and chronic glomerulonephritis, differential diagnosis, indications for hospitalization, chronic pyelonephritis in practice of a health center primary care physician /Lec/	12	4	PC-1.1 PC-1.2 PC-2.1 PC-2.2	L1.1. L3.1. E1		
	12.2 Acute and chronic glomerulonephritis, differential diagnosis, indications for hospitalization, chronic pyelonephritis in practice of a health center primary care physician /Pr/	12	16	PC-1.1 PC-1.2 PC-2.1 PC-2.2	L1.1. L3.1. E1		
	12.3 Acute and chronic glomerulonephritis, differential diagnosis, indications for hospitalization, chronic pyelonephritis in practice of a health center primary care physician /Self-study/	12	6	PC-1.1 PC-1.2 PC-2.1 PC-2.2	L1.1. L3.1. E1		
13	13.1 Hypertension, symptomatic hypertension in practice of a health center primary care physician /Lec/	12	4	PC-1.1 PC-1.2 PC-2.1 PC-2.2 PC-2.3 PC-5.2 PC-6.1	L1.1. L2.1. L2.4. L3.1. E1		
	13.2 Hypertension, symptomatic hypertension in practice of a health center primary care physician /Pr/	12	16	PC-1.1 PC-1.2 PC-2.1 PC-2.2 PC- 2.3 PC- 5.2 PC-6.1 PC- 6.2	L1.1. L2.1. L2.4. L3.1. E1		
	13.3 Hypertension, symptomatic hypertension in practice of a health center primary care physician /Self-study/	12	6	PC-1.1 PC-1.2 PC-2.1 PC-2.2 PC-2.3	L1.1. L2.1. L2.4. L3.1. E1		

14	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	12	4	PC-1.1 PC-1.2 PC-2.1 PC-2.2 PC-2.3 PC-5.2 PC-6.1 PC-6.2 PC-6.4	L1.1. L2.1. L2.2. L3.1. E1		
	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 /Pr/	12	16	PC-1.2 PC-2.1 PC-2.2 PC-2.3 PC-5.2 PC-6.1 PC-6.2	L1.1. L2.1. L2.2. L3.1. E1		
	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 /Self-study/	12	8	PC-1.2 PC- 2.1 PC- 2.2 PC-2.3 PC- 5.2 PC-6.1 PC-6.2 PC-6.4	L1.1. L2.1. L2.2. L3.1. E1		
15	15.1 Diseases of the musculoskeletal system: rheumatoid arthritis, reactive arthritis, osteoarthritis, gout in practice of a health center primary care physician /Lec/	12	4	OPC-5.10 OPC-7.3 PC-1.1 PC- 1.2 PC- 2.1 PC-2.2 PC-5.2 PC-6.1 PC-6.2 PC- 6.4	L1.1. L2.7. L3.1. E1		
	15.2 Diseases of the musculoskeletal system: rheumatoid arthritis, reactive arthritis, osteoarthritis, gout in practice of a health center primary care physician /Pr/	12	16	PC-1.2 PC- 2.1 PC- 2.2 PC-5.2 PC-6.1 PC-6.2 PC-6.4	L1.1. L2.7. L3.1. E1		

	15.3 Diseases of the musculoskeletal system: rheumatoid arthritis, reactive arthritis, osteoarthritis, gout in practice of a health center primary care physician /Self-study/	12	8	PC-1.2 PC-2.1 PC-2.2 PC-5.2 PC-6.1 PC-6.2 PC-6.4	L1.1. L2.7. L3.1. E1		
	15.4. Control	12	8	GPC-1.2 GPC-1.3 GPC-2.2 GPC-2.3 GPC-5.8 GPC-5.10 GPC-6.1 GPC-6.2 GPC-7.2 GPC-7.3 PC-1.1 PC-1.2 PC-2.1 PC-2.2 PC-2.3 PC-4.2 PC-5.2 PC-6.1 PC-6.2 PC-6.4 PC-7.2 PC-7.3 C-7.4 PC-7.5 PC-8.1 PC-8.2 PC-8.3			
	15.5. Credit with a mark	12	8	GPC-1.2 GPC-1.3 GPC-2.2 GPC-2.3 GPC-5.8 GPC-5.10 GPC-6.1 GPC-6.2 GPC-7.2 GPC-7.3 PC-1.1 PC-1.2 PC-2.1 PC-2.2 PC-2.3 PC-4.2 PC-5.2 PC-6.1 PC-6.2 PC-6.4 PC-7.2 PC-7.3 C-7.4 PC-7.5 PC-8.1 PC-8.2 PC-8.3			

5. ASSESSMENT TOOLS

5.1. Tests and tasks

Supplement 1

5.2. Topics for written papers

Supplement 1

5.3. Assessment tools

Supplement 1

5.4. Assessment tools

Discussion, tests, essays. Practical skill test.
Credit with a mark: oral credit, practical skills test.

6. COURSE (MODULE) RESOURCES

6.1. Recommended Literature

6.1.1 Core

	Authors	Title	Publish., year	Quantity
L1.1.	V. T. Ivashkin V.T., Okhlobystin A. V.	Internal diseases propedeutics	Moscow: GEOTAR-Media, 2020. Electronic resource	1

6.1.2 Supplementary

	Authors	Title	Publish., year	Quantity
L2.1.	Amsterdam, Ezra A.	Contemporary Cardiovascular Disease Risk Factors in Special Populations	Associates in Medical Marketing Co., Inc., 2010. Electronic resource	1
L2.2.	Somberg, John C.	Contemporary Diagnosis and Management of Cardiac Arrhythmias	Associates in Medical Marketing Co., Inc., 2010. Electronic resource	1
L2.3.	Monto, Arnold S.	Contemporary Diagnosis, Prevention, and Management of Influenza	Associates in Medical Marketing Co., Inc., 2010. Electronic resource	1
L2.4.	Weinberger, Myron H.	Contemporary Diagnosis and Management of Hypertension	Associates in Medical Marketing Co., Inc., 2009. Electronic resource	1
L2.5.	Jones, Michael P. Crowell, Michael D.	Contemporary Diagnosis and Management of Functional Digestive Disorders	Associates in Medical Marketing Co., Inc. 2009. Electronic resource	1
L2.6.	Amsterdam, Ezra A. Liebson, Philip R.	Contemporary Diagnosis and Management of the Post-MI Patient	Associates in Medical Marketing Co., Inc. 2008. Electronic resource	1
L2.7.	Anand, Ashish.	Management of Osteoarthritis - A Holistic View, (Frontiers in Arthritis, Volume 1)	Bentham Science Publishers Ltd. 2017. Electronic resource	1

6.1.3. Methodical development

	Authors	Title	Publish., year	Quantity
L3.1. E1	Alyautdin R. N.	Pharmacology. Illustrated textbook	Moscow: GEOTAR-Media, 2020. Electronic resource	1
L3.2	Sayles, Nanette B. Trawick, Kathy C.	Introduction to Computer Systems for Health Information Technology	AHIMA Press, 2010. Electronic resource	1
L3.3.	American Medical Association.	Physician's Guide to Medical Staff Organization Bylaws	Electronic resource	1
L3.4.	Goy, Jean-Jacques. Christeler, Pierre. Schlaepfer, Jürg. Staufer, Jean-Christophe.	Electrocardiography (ECG)	Electronic resource	1

L3.5.	Holgate, Stephen T.-Asthma Douglass, Jo.		Electronic resource	1
6.2. Internet resources				
E1	FreeMedicalJournals http://www.freemedicaljournals.com/			
6.3 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	E-data bases: Orbicon, Medline.			
6.3.2.2	Student Consultant http://www.studmedlib.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 centre 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	UN / DGNV Digital Cardiac and Lung Auscultation Manikin.
7.12	Zoll Defibrillator
7.13	Intubation Head Trainer.
7.14	Simulator for s / c, i / m injections.
7.15	Simulator for intravenous injection.
7.16	Nursingkid Trainer, Nursingbaby.
7.17	Tonometer, phonendoscope.
7.18	Electrodes of the electrocardiograph.
7.19	AMBU bag with a set of face masks.
7.20	Oxygen mask
7.21	Intubation set
7.22	Endotracheal tube set
7.23	Infusion set
7.24	Syringe set
7.25	Cubital catheters
7.26	Fixation plaster
7.27	Drug simulants
7.28	Aspirator
7.29	Laryngeal mask
7.30	Air compressor
7.31	Vacuum aspirator
7.32	Lineomat
7.33	Mechanical ventilator
7.34	Gastric tube

7.35	Nasogastric tube
7.36	Trainer for setting an enema. Esmarch's irrigator
7.37	Dressings
7.38	Medical trays
7.39	Medical furniture
7.40	Library of laboratory and instrumental research results
7.42	Roles for Standardized Patients
7.43	Library of situational tasks