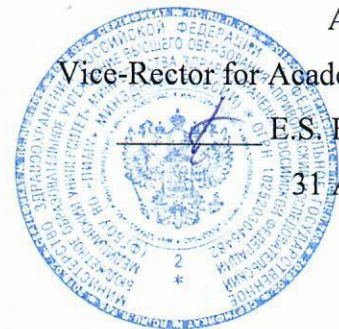


Federal State Budgetary Educational Institution of Higher Education  
"Privolzhsky Research Medical University"  
Ministry of Health of the Russian Federation



APPROVED

Vice-Rector for Academic Affairs

E.S. Bogomolova

31 August 2021

**WORKING PROGRAM**

Name of the academic discipline: **MEDICAL REHABILITATION**

Specialty: **31.05.03 DENTISTRY**

Qualification: **DENTIST**

Department: **MEDICAL REHABILITATION**

Mode of study: **FULL-TIME**

Labor intensity of the academic discipline: **72 academic hours**

Nizhny Novgorod  
2021

The working program has been developed in accordance with the Federal State Educational Standard for the specialty 31.05.03 Dentistry, approved by Order of the Ministry of Science and Higher Education of the Russian Federation No. 984 of August 12, 2020.

**Developers of the working program:**

Full name, academic degree, title, position.

**Belova A.N. Doctor. Sc., professor**

**Litvinova N.Y., Cand. Sc., associate professor**

The program was reviewed and approved at the department meeting (protocol No.1, 26.08.2021)

Head of the Department,

academic degree, academic title \_\_\_\_\_ (Belova A.N.)



(signature)

26.08.2021

AGREED

Deputy Head of EMA ph.d. of biology \_\_\_\_\_ Lovtsova L.V.



(signature)

31.08 2021

**1. The purpose and objectives of mastering the academic discipline** Medical Rehabilitation (hereinafter – the discipline):

1.1. The purpose of mastering the discipline: studying the theoretical issues of medical rehabilitation and teaching the basics of restoring health, functionality, and vital activity of persons with congenital defects and those who have undergone a disease or injury (*participation in forming the relevant competencies GPC-12, PC – 9*).

1.2. Tasks of the discipline:

1. to equip the student with adequate quality knowledge and skills to adopt the principles and practice of Medical Rehabilitation;
2. to teach the student to provide Medical Rehabilitation interventions under different clinical settings during the phase of acute care, in the setting of hospitals and in the chronic stage;
3. to teach the student to deal with individual impairments, disability and functional limitation at the community level

1.3. Requirements to the deliverables of mastering the discipline

As a result of completing the discipline, the student should

**Know:**

- theoretical and methodological foundations of medical rehabilitation (the concept of the consequences of the disease ICIDH, ICF);
- methods for assessing the functional state and vitality of patients;
- clinical and rehabilitation groups of patients, disability criteria;
- principles of rehabilitation, the mechanism of the effect of therapeutic exercises and physiotherapy, indications and contraindications for their appointment, features of their implementation;
- rules for developing an individual program of medical rehabilitation of patients.

**Be able to:**

- assess the functional state and vital activity of patients with the most common pathology of the maxillofacial region
- choose the rehabilitation interventions for various categories of patients with the most common diseases of the maxillofacial region

**Possess:**

- methods of comprehensive rehabilitation of patients with dental diseases, taking into account the general condition of the body and the presence of associated pathology;
- skills in working with medical documentation and scientific literature.

**2. Position of the academic discipline in the structure of the General Educational Program of Higher Education (GEP HE) of the organization.**

**2.1.** The discipline Medical Rehabilitation refers to the core part of Block 1 of GEP HE (Academic discipline index).

The discipline is taught in 6th semester /4<sup>th</sup> year of study.

**2.2. The following knowledge, skills and abilities formed by previous academic disciplines are required for mastering the discipline:**

1. medical physics,
2. normal anatomy,
3. biochemistry,

4. normal physiology
5. pathological physiology,
6. physical culture and sports,
7. propaedeutics of internal diseases,
8. organization of hygienic education and upbringing of the population,
9. general hygiene

**2.3. Mastering the discipline is required for forming the following knowledge, skills and abilities for subsequent academic disciplines:**

1. internal diseases,
2. neurology and medical genetics,
3. therapeutic dentistry
4. Surgical dentistry
5. Maxillofacial Dentistry
6. Orthopedic dentistry
7. Orthopedic dentistry
8. Maxillofacial Surgery
9. Orthodontics and pediatric prosthetics

**3. Deliverables of mastering the academic discipline and metrics of competence acquisition**

Mastering the discipline aims at acquiring the following universal (UC) or/and general professional (GPC) or/and professional (PC) competencies

№	Competence code	The content of the competence (or its part)	Code and name of the competence acquisition metric	As a result of mastering the discipline, the students should:		
				know	be able to	possess
1.	GPC-12	Able to implement and monitor the effectiveness of medical rehabilitation of a dental patient		procedures for organizing medical rehabilitation and sanatorium treatment; methods of medical rehabilitation of the patient, medical indications and medical contraindications for their implementation, taking into account the diagnosis in accordance with the current procedures for organizing medical rehabilitation, clinical recommendations, taking into account the standards of medical care; medical indications and medical contraindications for medical rehabilitation measures in patients with dental diseases; medical indications for referring patients with dental	develop an action plan for medical rehabilitation in patients with dental diseases in accordance with the current procedure for organizing medical rehabilitation, clinical recommendations, taking into account the standards of medical care; determine medical indications for medical rehabilitation of patients with dental diseases in accordance with the current procedure for organizing medical rehabilitation, clinical recommendations, taking into account the standards of medical care; refer patients with dental diseases for a consultation with specialist doctors for the appointment and implementation of	Has practical experience in: drawing up an action plan for the medical rehabilitation of a patient with dental diseases in accordance with the current procedure for medical rehabilitation, clinical recommendations, taking into account the standards of medical care; carrying out medical rehabilitation measures for patients with dental diseases in accordance with the current procedure for organizing medical rehabilitation, clinical recommendations, taking into account the standards of medical care; referring patients with dental diseases for consultation with specialist doctors; evaluation of the effectiveness and safety of measures for the medical rehabilitation of patients with dental diseases

				<p>diseases to specialist doctors for the appointment of medical rehabilitation measures, sanatorium treatment; the procedure for providing medical care to the adult population in case of dental diseases; the procedure for providing medical care to children with dental diseases; ways to prevent or eliminate complications, side effects, adverse reactions, including serious and unforeseen, resulting from medical rehabilitation of children and adults with dental diseases</p>	<p>medical rehabilitation, sanatorium treatment, in accordance with the current procedures for organizing medical rehabilitation and sanatorium treatment, clinical recommendations, taking into account the standards of medical care; evaluate the effectiveness and safety of medical rehabilitation measures for patients with dental diseases in accordance with the current procedure for organizing medical rehabilitation, clinical recommendations, taking into account the standards of medical care</p>	
--	--	--	--	--	--	--

2.	PC-9	<p>Willingness to determine the need for the use of natural healing factors, drug, non-drug therapy and other methods in patients with diseases of the maxillofacial region in need of medical rehabilitation and spa treatment</p>		<p>Clinical guidelines (treatment protocols) on the provision of medical care to patients with diseases or conditions, in connection with the development of which medical rehabilitation measures are provided; Methods of medical rehabilitation of patients with various diseases or conditions; Mechanism of action of drugs, medical products and medical nutrition used in medical rehabilitation ; medical indications and medical contraindications to the appointment; possible complications, side effects, adverse reactions, including serious and unexpected; ICF; Features of dysfunction, activity and participation in the main diseases that cause disability, non-communicable diseases, Pathogenesis</p>	<p>Justify the use of medicines, medical devices, dietary nutrition, non-drug treatment for patients with impaired functions and structures of the human body and subsequent disability, in accordance with the current procedures for the provision of medical care, clinical guidelines (treatment protocols) on the provision of medical care, taking into account the standards of medical care; Determine the sequence of the use of drugs, non-drug therapy for patients with impaired functions and structures of the human body and subsequent disability, in accordance with the current procedures for the provision of medical care, clinical recommendations (treatment protocols) on the provision of medical</p>	<p>Development of a plan for the medical rehabilitation of patients with impaired functions and structures of the human body and subsequent disability, regardless of age, diseases and (or) conditions in accordance with the procedure for organizing medical rehabilitation, current procedures for the provision of medical care, clinical guidelines (treatment protocols) on the provision of medical care, taking into account the standards of medical care; Interpretation of the data obtained during the consultation of a patient with impaired functions and structures of the human body and subsequent disability, by specialist doctors, specialists with higher professional (non-medical) education of a multidisciplinary rehabilitation team, data from laboratory, instrumental and clinical studies in order to obtain an idea of the degree of impairment of</p>
----	------	---	--	---	--	---

				<p>and sanogenesis of the main diseases that cause disability, non-communicable diseases; Methods of assessment, classification of variants of violations of motor functions, higher mental functions, psycho-emotional state, speech, writing, hygiene skills, household skills and other aspects of the functioning of the human body; Functional classes in assessing the degree of dysfunction on the recommendation of the World Health Organization, gradations of functional classes</p>	<p>care, taking into account the standards of medical help; To prescribe medicines, medical products and medical nutrition in order to correct the impaired functions and structures of the human body, limited life activity of the patient in case of diseases and (or) conditions; carry out secondary prevention activities in accordance with the current procedures for the provision of medical care, clinical recommendations (treatment protocols) on the provision of medical care for medical rehabilitation, taking into account the standards of medical care; Monitor the effectiveness and safety of the use of medicines, medical devices and medical nutrition in order to correct impaired functions and structures of</p>	<p>various functions, structures, and the patient's vital activity (activity, participation, influence of environmental factors); Formulating the goals of carrying out rehabilitation measures based on the rehabilitation diagnosis and rehabilitation potential for the day, for the week, for the entire period of stay of a patient with impaired functions and structures of the human body and subsequent disability in a medical organization; Formulating the goals of medical rehabilitation aimed at achieving the goals of medical rehabilitation; Formation of an individual program of medical rehabilitation aimed at solving problems and achieving the goals of medical rehabilitation, taking into account indications and contraindications for the use of certain forms and methods of medical rehabilitation; Determination</p>
--	--	--	--	---	--	--



					<p>the human body, limited life activity of the patient in diseases and (or) conditions</p> <p>of the motor mode, individual boundaries of the intensity of the applied influences on a patient who has impaired functions and structures of the human body and subsequent disability;</p> <p>Determination of risk factors and factors limiting the implementation of measures for the implementation of an individual program of medical rehabilitation;</p> <p>Prescribing medicines, medical devices and medical nutrition in order to correct impaired functions and structures of the human body, life limitations of a patient with various diseases and (or) conditions;</p> <p>Evaluation of the effectiveness and safety of the use of drugs, medical devices and clinical nutrition for patients with impaired functions and structures of the human body and subsequent limitations of human life due to various diseases and (or) conditions</p>
--	--	--	--	--	---

**4. Sections of the academic discipline and competencies that are formed when mastering them**

№	Competence code	Section name of the discipline	The content of the section in teaching units
	GPC-12 PC-9	General issues of rehabilitation. Methods and means of medical rehabilitation.	General principles of rehabilitation The order of organization of medical rehabilitation. Methods and means of medical rehabilitation. Features of examination in medical rehabilitation. Assessment of physical development. Goniometry. Assessment of the state of the musculoskeletal system. Evaluation of the functional state and rehabilitation capabilities of patients at the stages of medical rehabilitation. Functional stress tests. Definition of rehabilitation potential. The main scales and questionnaires used in medical rehabilitation. International concept of functioning, disability and health. International classification of functioning.
	GPC-12 PC-9	Fundamentals of physiotherapy. Therapeutic application of electromagnetic, mechanical and thermal factors in the system of medical rehabilitation.	Modern concepts of physiotherapy. Basic principles of therapeutic use of physical factors. Methods of therapeutic application of physiotherapeutic factors of direct and alternating current, pulsed electrotherapy. Indications and contraindications. Features of preparing a patient for procedures, an indicative basis for actions during the execution of procedures. Methods of therapeutic application of physiotherapeutic factors of high-frequency, ultra-high-frequency and microwave therapy. Magnetotherapy. Therapeutic application of mechanical factors of electromagnetic nature. Methods of therapeutic use of physiotherapeutic factors: optical radiation, artificial aerodisperse media. Water, mud, heat treatment. Spa treatment.
	GPC-12 PC-9	General principles of exercise therapy. The place of exercise therapy in the system of medical rehabilitation.	General principles of exercise therapy. Means of exercise therapy features of the exercise therapy. Schemes for constructing therapeutic gymnastics procedure. Classification of therapeutic exercises. Manifestations of immobilization (bed-rest) syndrome, changes in body systems. Exercise therapy for patients with degenerative disk disease.
	GPC-12 PC-9	Features of medical rehabilitation of certain categories of patients and disabled people.	Medical rehabilitation for diseases and injuries of the maxillofacial region.

**5. Volume of the academic discipline and types of academic work**

Type of educational work	Labor intensity		Labor intensity (AH) in semesters 6
	volume in credit units (CU)	volume in academic hours (AH)	
Classroom work, including	1,2	44	44
Lectures (L)	0.3	10	10
Laboratory practicum (LP)*	-	-	-
Practicals (P)	0.9	34	34
Seminars (S)	-	-	-
Student's individual work (SIW)	0.8	28	28

Mid-term assessment			
credit/exam ( <i>specify the type</i> )	0.1	3.2	3.2
TOTAL LABOR INTENSITY	2.1	75.2	75.2

## 6. Content of the academic discipline

### 6.1. Sections of the discipline and types of academic work

№	Name of the section of the academic discipline	Types of academic work* (in AH)					
		L	LP	P	S	SIW	total
1.	General issues of rehabilitation. Methods and means of medical rehabilitation.	4		14		10	28
2.	Fundamentals of physiotherapy. Therapeutic application of electromagnetic, mechanical and thermal factors in the system of medical rehabilitation.	2		10		6	18
3	General principles of Exercise Therapy. The place of exercise therapy in the system of medical rehabilitation.	2		5		6	13
4	Features of medical rehabilitation of certain categories of patients and disabled people.	2		5		6	13
	TOTAL	10		34		28	72

\* - L – lectures; LP – laboratory practicum; P – practicals; S – seminars; SIW – student's individual work.

### 6.2. Thematic schedule of educational work types:

#### 6.2.1 Thematic schedule of lectures

№	Name of lecture topics	Semester 6, AH
1.	Physical and Rehabilitation Medicine. Basic principles and management process	2
2.	International concept of functioning, disability and health. International classification of functioning	2
3.	Basic principles of Exercise Therapy	2
4.	Modern concepts of physiotherapy. Basic principles of therapeutic use of physical factors	2
5.	Kinesiotherapy in dentistry	2
	TOTAL (total - AH)	10

6.2.2. The thematic plan of laboratory practicums (*if this type of classes is stipulated in the curriculum*) not provided by the Federal State Educational Standard

№	Name of laboratory practicums	Volume in AH	
		semester	semester
	TOTAL (total - AH)		

### 6.2.3. Thematic plan of practicals

№	Name of the topics of practicals	Semester 6, AH
1.	General foundations of rehabilitation. Organization of medical rehabilitation. Methods and means.	4
2.	Methods of examination in medical rehabilitation: functional stress tests.	5
3.	Methods of examination in medical rehabilitation. Definition of rehabilitation potential. The main scales and questionnaires used in medical rehabilitation. International classification of functioning.	5
4.	Methods of therapeutic application of physiotherapeutic factors: direct and alternating currents, pulsed electrotherapy, high-frequency, ultra-high-frequency and super-high-frequency therapies. Magnetotherapy. therapeutic application of mechanical factors of electromagnetic nature.	5
5.	Optical radiation, artificial aerodisperse media. Water, mud, heat treatment. Spa treatment	5
6.	General principles of Exercise Therapy. Methods and means. Physical rehabilitation for degenerative disk disease	5
7.	Medical rehabilitation of patients with diseases and injuries of the musculoskeletal system	5
	TOTAL (total - AH)	34

### 6.2.4. Thematic plan of seminars (if this type of classes is stipulated in the curriculum) not provided by the Federal State Educational Standard

№	Name of seminar topics	Volume in AH	
		semester	semester
	TOTAL (total - AH)		

### 6.2.5. Types and topics of student's individual work (SIW)

№	Types and topics of SIW	semester 6, AH
	Work with literary and other sources of information on the section under study, including: - interactive	12 4
	Fulfillment of tasks provided for by the work program (individual) in the form of: - writing case histories; - abstracts, preparation of reports, speeches	6
	Preparation for participation in classes in an interactive form (role-playing and business games, game design, computer simulation, discussions)	4
	Working with electronic educational resources hosted on the educational portal of the academy	6
	TOTAL (total - AH)	28

## 7. Types of assessment formats for ongoing monitoring and mid-term assessment

№	Types of control	Name of	Assessment formats
---	------------------	---------	--------------------

Se mes ter No.		section of academic discipline	Competence codes	types	number of test questions	number of test task options	
1.	Current monitoring	Control of mastering the topic	General issues of rehabilitation. Methods and means of medical rehabilitation.	GPC-12 PC-9	Test tasks	10	Computer testing (an option to create a random sampling method)
					situational task	1	5
		Control of mastering the topic	Fundamentals of physiotherapy. Therapeutic application of electromagnetic, mechanical and thermal factors in the system of medical rehabilitation.	GPC-12 PC-9	Test tasks	10	Computer testing (an option to create a random sampling method)
					situational task	1	5
		Control of mastering the topic	General principles of exercise therapy. The place of exercise therapy in the system of medical rehabilitation.	GPC-12 PC-9	Test tasks	10	Computer testing (an option to create a random sampling method)
					Practical skills	3	15
		Control of mastering the topic	Features of medical rehabilitation of certain categories of patients and disabled people.	GPC-12 PC-9	Test tasks	10	Computer testing (an option to create a random sampling method)
		Monitoring the student's individual work	Features of medical rehabilitation of certain categories of patients and disabled people.	GPC-12 PC-9	interview	1	15
					Writing a medical case	1	15

2.	Mid-term assessment	Exam/ Credit			Test tasks	20	Computer testing (an option to create a random sampling method)
----	---------------------	--------------	--	--	------------	----	---

## 8. Educational, methodological and informational support for mastering the academic discipline (printed, electronic publications, the Internet and other network resources)

### 8.1. Key literature references

№	Name according to bibliographic requirements	Number of copies	
		at the department	in the library
1	Ерифанов, V.A. Physical therapy : учебное пособие / V.A. Ерифанов, A.V. Ерифанов ; Ерифанов V.A. ; Ерифанов A.V. – Москва : ГЭОТАР-Медиа, 2022. – 576 с. – ISBN 978-5-9704-6795-4. – Текст : электронный. – <a href="https://www.studentlibrary.ru/book/ISBN9785970467954.html">https://www.studentlibrary.ru/book/ISBN9785970467954.html</a>	0	1
2	Medical rehabilitation : textbook / edited by A. V. Ерифанов, E. E. Achkasov, V. A. Ерифанов. - Москва : ГЭОТАР-Медиа, 2022. - 664 с. - ISBN 978-5-9704-6688-9. - Текст : электронный // ЭБС "Консультант студента" <a href="http://www.studmedlib.ru/book/ISBN9785970466889.html">http://www.studmedlib.ru/book/ISBN9785970466889.html</a>	0	0
3	Hovanskaya G.N. General principles of medical rehabilitation and physiotherapy : manual for the Medical Faculty for International Students (Course of studies in English) / Г. Н. Хованская ; Г. Н. Хованская. – Гродно : ГрГМУ, 2019. – 212 с. – ISBN 9789855950944. – Текст : электронный. – <a href="https://www.books-up.ru/ru/read/general-principles-of-medical-rehabilitation-and-physiotherapy-12068689/">https://www.books-up.ru/ru/read/general-principles-of-medical-rehabilitation-and-physiotherapy-12068689/</a>	0	0

### 8.2. Further reading

№	Name according to bibliographic requirements	Number of copies	
		at the department	in the library
	Physical agents in rehabilitation: from research to practice / M. H. Cameron ; Cameron Michelle H. – Philadelphia : W.B. Saunders Company, 1999. – 490 с. : ил. мяг. – ISBN 0-7216-6244-7.	0	10
	Physical rehabilitation in arthritis / A. Helewa, J. M. Walker ; Walker Joan M. ; Helewa Antoine. – 2nd ed. – Saunders, 2004. – 414p. : тв. – ISBN 0-7216-9538-8.	0	1
	Physical rehabilitation outcome measures. A guide to enhanced clinical decision making / D. Brooks, E. Finch, N. E. Mayo, P. W. Stratford ; Finch Elspeth ; Brooks Dina ; Stratford Paul W. ; Mayo Nancy E. – 2nd ed. – Lippincott Williams & Wilkins, 2002. – 292 с. : мяг. + 1 диск (CD-Rom). – ISBN 0-7817-4241-2.	0	2

	Rehabilitation of the spine. A practitioner`s manual / C. Liebensohn ; Liebensohn Craig. – 2nd ed. – Philadelphia : Lippincott Williams & Wilkins, 2007. – 972 с. : ил. тв. + 1 электрон. диск (DVD-Rom).	0	1
	Bandy, W. D. Therapeutic exercise for physical therapist assistants / W. D. Bandy, B. Sanders ; Bandy William D. ; Sanders Barbara. – 2nd ed. – Philadelphia : Lippincott Williams & Wilkins, 2008. – 458 с. : ил. мяг. – ISBN 978-0-7817-9080-2.	0	1

### 8.3. Electronic educational resources for teaching academic subjects

#### 8.3.1. Internal Electronic Library System of the University (IELSU)

№	Name of the electronic resource	Brief description (content)	Access conditions	Number of users
	Internal electronic library system (VEBS)	Proceedings of the teaching staff of the Academy: textbooks and teaching aids, monographs, collections of scientific papers, scientific articles, dissertations, abstracts of dissertations, patents.	from any computer on the Internet, using an individual login and password [Electronic resource] - Access mode: <a href="http://95.79.46.206/login.php">http://95.79.46.206/login.php</a>	not limited

#### 8.3.2. Electronic educational resources acquired by the University

№	Name of the electronic resource	Brief description (content)	Access conditions	Number of users
	<a href="https://www.studentlibrary.ru/">https://www.studentlibrary.ru/</a>	Electronic database "Student Advisor" - 4444a full-text database that includes textbooks and teaching aids, reference books, atlases, monographs, lecture courses, workshops on completed disciplines studied at universities and colleges.	from any computer on the Internet, using an individual login and password [Electronic resource] - Access mode: <a href="http://www.studmedlib.ru/">http://www.studmedlib.ru/</a>	not limited
	<a href="http://www.books-up.ru/">http://www.books-up.ru/</a>	Electronic library system "Bukap" - Educational and scientific medical literature of Russian publishing houses, incl. translations of foreign publications.	from any computer on the Internet, using an individual login and password	not limited

#### 8.3.3 Open access resources

№	Name of the electronic resource	Brief description (content)	Access conditions
	<a href="https://elibrary.ru/">https://elibrary.ru/</a>	Scientific electronic library eLIBRARY.RU The largest Russian information	from any computer on the Internet

		portal in the field of science, technology, medicine and education, containing abstracts and full texts of scientific articles and publications.	
	<a href="https://www.who.int/standards/classifications/international-classification-of-functioning-disability-and-health">https://www.who.int/standards/classifications/international-classification-of-functioning-disability-and-health</a>	Online resources of ICF; checklist, guide, practical manner	from any computer on the Internet
	<a href="https://www.icf-research-branch.org/">https://www.icf-research-branch.org/</a>	Online resources with description of using ICF in rehabilitation management	from any computer on the Internet
	<a href="https://pubmed.ncbi.nlm.nih.gov/">https://pubmed.ncbi.nlm.nih.gov/</a>	PubMed® comprises more than 34 million citations for biomedical literature from MEDLINE, life science journals, and online books. Citations may include links to full text content from PubMed Central and publisher web sites.	from any computer on the Internet
	<a href="https://pedro.org.au/">https://pedro.org.au/</a>	A free database of over 35,000 randomised trials, systematic reviews and clinical practice guidelines in physiotherapy.	from any computer on the Internet
	<a href="http://www.otseeker.com/">http://www.otseeker.com/</a>	OTseeker is a database that contains abstracts of systematic reviews, randomised controlled trials and other resources relevant to occupational therapy interventions.	from any computer on the Internet
	<a href="https://rehabrus.ru/">https://rehabrus.ru/</a>	Union of Rehabilitologists of Russia - Modern materials and clinical recommendations for medical rehabilitation	from any computer on the Internet

## 9. Material and technical support for mastering an academic discipline

### 9.1. List of premises for classroom activities for the discipline

1. *Audiences for lectures and practical classes: Institute of Traumatology and Orthopedics, room 71, Semashko Hospital, 1 block, 3 floor, room 302A*

2. *Therapeutic, neurological and traumatological departments, offices of departments of physical therapy, physiotherapy services, functional diagnostics services of Institute of Traumatology and Orthopedics and Semashko Hospital*

### 9.2. List of equipment for classroom activities for the discipline

1. *Multimedia complex*
2. *Centimeter tapes, scales, stadiometer*
3. *Information stands*
4. *Tonometers*
5. *Phonendoscopes*
6. *Medical documentation: medical history, outpatient card*

## 7. 9.3. A set of licensed and freely distributed software, including domestic production

### 8.

Item	Software	number of licenses	Type of software	Manufacturer	Number in the unified register of	Contract No. and date
------	----------	--------------------	------------------	--------------	-----------------------------------	-----------------------



no.					Russian software	
1	Wtware	100	Thin Client Operating System	Kovalev Andrey Alexandrovich	1960	2471/05-18 from 28.05.2018
2	MyOffice is Standard. A corporate user license for educational organizations, with no expiration date, with the right to receive updates for 1 year.	220	Office Application	LLC "NEW CLOUD TECHNOLOGIES"	283	without limitation, with the right to receive updates for 1 year.
3	LibreOffice		Office Application	The Document Foundation	Freely distributed software	
4	Windows 10 Education	700	Operating systems	Microsoft	Azure Dev Tools for Teaching Subscription	
5	Yandex. Browser		Browser	«Yandex»	3722	
6	Subscription to MS Office Pro for 170 PCs for FGBOU VO "PIMU" of the Ministry of Health of Russia	170	Office Application	Microsoft		23618/HN10030 LLC "Softline Trade" from 04.12.2020

**10. List of changes to the working program (to be filled out by the template)**

Federal State Budgetary Educational Institution of Higher Education  
"Privolzhsky Research Medical University"  
Ministry of Health of the Russian Federation  
(FSBEI HE "PRMU" of the Ministry of Health of Russia)

Department of  
*Medical Rehabilitation*

---

**CHANGE REGISTRATION SHEET**

working program for the academic discipline  
***NAME OF THE ACADEMIC DISCIPLINE***

---

Field of study / specialty / scientific specialty: 31.05.01 GENERAL MEDICINE  
(code, name)

Training profile: \_\_\_\_\_  
(name) - for master's degree programs

Mode of study: FULL-TIME  
*full-time/mixed attendance mode/extramural*

Position	Number and name of the program section	Contents of the changes made	Effective date of the changes	Contributor's signature
1				

Approved at the department meeting  
Protocol No. \_\_\_\_\_ of \_\_\_\_\_ 20\_\_

Head of the Department

\_\_\_\_\_  
department name, academic title

\_\_\_\_\_  
signature

\_\_\_\_\_  
print name