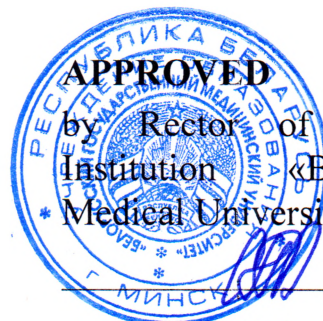


MINISTRY OF HEALTH OF THE REPUBLIC OF BELARUS
Educational Institution
«BELARUSIAN STATE MEDICAL UNIVERSITY»

**Контрольный
экземпляр**



APPROVED

by Rector of the Educational
Institution «Belarusian State
Medical University»

S.P.Rubnikovich

01.12.2025

Reg. # UD-0911-01-54/25-26/edu.

MEDICAL REHABILITATION AND PHYSIOTHERAPY

**Curriculum of the educational institution
in the academic discipline for the specialty**

1-79 01 01 «General Medicine»

Curriculum is based on the educational program «Medical Rehabilitation and Physiotherapy», approved 01.12.2025, registration # УД-0911-01-54/2526/уч.; on the educational plan in the specialty 1-79 01 01 «General Medicine», approved 16.04.2025, registration # 7-07-0911-01/2526/mf.

COMPILERS:

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O.V.Vorotnitskaya, Senior Lecturer of the Department of Medical Rehabilitation and Sports Medicine with the course of advanced training and retraining of the Educational Institution «Belarusian State Medical University»

RECOMMENDED FOR APPROVAL:

by the Department of Medical Rehabilitation and Sports Medicine with the course of advanced training and retraining of the Educational Institution «Belarusian State Medical University»

(protocol # 2 of 22.09.2025);

by the Scientific and Methodological Council of the Educational Institution «Belarusian State Medical University»

(protocol # 3 of 19.11.2025)

EXPLANATORY NOTE

«Medical Rehabilitation and Physiotherapy» is the academic discipline of the Therapy Module # 3, which contains systematized scientific knowledge about methods of restoration and compensation by medical means and techniques for the consequences of acquired (congenital) diseases and injuries.

The aim of the academic discipline «Medical Rehabilitation and Physiotherapy» is the formation of specialized competencies for organizing the process of restoring the normal functioning of the patient's body and compensating for his abilities impaired as a result of disease or injury.

The objectives of the academic discipline «Medical Rehabilitation and Physiotherapy» are to form students' scientific knowledge about the patterns of maintaining public health; the organization of medical rehabilitation in the Republic of Belarus; methods of assessing the consequences of diseases and injuries; modern means of medical rehabilitation and physiotherapy for the most common diseases and injuries leading to disability; skills and abilities necessary for planning, implementing and evaluating rehabilitation programs aimed at restoring patients' functional capacity and improving their quality of life.

Relations to other educational disciplines

The knowledge, skills and abilities acquired during the study of the academic discipline «Medical Rehabilitation and Physiotherapy» are necessary for successful mastering of the academic disciplines «Traumatology and Orthopedics», «Surgical Diseases», «Oncology», «Internal Diseases», «Occupational Diseases», «Neurology and Neurosurgery».

Studying the academic discipline «Medical Rehabilitation and Physiotherapy» should ensure the formation of students' specialized competencies: assess the functional state and vital activity of the patient in case of the main disabling pathologies, choose the most effective means and methods for medical rehabilitation and physiotherapy.

As a result of studying the academic discipline «Medical Rehabilitation and Physiotherapy» the student should

know:

the basic concepts of medical rehabilitation and the fundamental laws governing self-renewal and self-improvement of the human body;

legislation of the Republic of Belarus regulating the core provisions of rehabilitation and disability prevention; World Health Organization documents related to rehabilitation; regulatory documents of the Ministry of Health of the Republic of Belarus concerning rehabilitation and physiotherapy; general issues of organizing medical rehabilitation and physiotherapy services in the Republic of Belarus;

principal models of impaired vital activity and social insufficiency, criteria for disability;

methods for evaluating the functioning of patients with cardiological and pulmonological profiles, as well as patients with motor impairments and cerebrovascular disorders;

mechanisms of action of physical factors, indications and contraindications;

means of medical rehabilitation and physiotherapy;
 specific considerations in prescribing physiotherapy for acute conditions;
 principles of medical ethics and deontology in medical rehabilitation and physiotherapy;

be able to:

formulate a clinical and functional diagnosis;
 assess the functional state and vital activity of patients with major disabling pathologies;
 select appropriate means and methods of rehabilitation and physiotherapy;
 plan and develop an individualized rehabilitation program;
 choose and justify the method of physiotherapy in the treatment of acute conditions;

master:

the methods of assessing physical development and functional state in major disabling pathologies;
 methods for conducting and evaluating standard stress tests;
 basic methods of electrotherapy and phototherapy.

Total number of hours for the study of the discipline is 136 academic hours, of which 89 classroom hours and 47 hours of student independent work. Classroom hours according to the types of studies: lectures – 12 hours (including 6 hours of supervised student independent work (SSIW)), practical classes – 77 hours.

Intermediate assessment is carried out according to the syllabus of the specialty in the form of a credit (11 (12) semester).

Form of higher education – full-time.

ALLOCATION OF ACADEMIC TIME ACCORDING TO SEMESTERS OF STUDY

Code, name of the specialty	Semester	Total number of academic hours	Number of classroom hours				Out-of-class self-studies	Form of intermediate assessment
			Number of classroom hours	including				
				class lectures	SSIW	practicals		
1-79 01 01 «General Medicine»	9 (10)	74	48	3	3	42	26	-
	11 (12)	62	41	3	3	35	21	Credit
		136	89	6	6	77	47	

THEMATIC PLAN

Section (topic) name	Number of class hours	
	lectures (incl. SSIW)	practical
1. Fundamentals of physiotherapy	3	7
2. Impulse electrotherapy	-	7
3. High-frequency and ultra-high-frequency therapy. Mechanotherapy, aeroionotherapy	-	7
4. Phototherapy. Magnetotherapy	1,5	7
5. Innovative methods of physiotherapy	-	7
6. Hydrotherapy, mud therapy, thermotherapy. Cryotherapy. Spa and resort treatment	1,5	7
7. Fundamentals of medical rehabilitation. Specific features of patient examination in medical rehabilitation	3	7
8. Methods and means of medical rehabilitation	3	
9. Functional stress tests	-	
10. Medical rehabilitation of patients with oncological diseases. Medical rehabilitation of patients with joint disorders	-	7
11. Medical rehabilitation in cardiology and pulmonology	-	7
12. Medical rehabilitation in surgery, traumatology and orthopedics	-	7
13. Medical rehabilitation in neurology and neurosurgery	-	7
Total hours	12	77

CONTENT OF THE EDUCATIONAL DISCIPLINE

1. Fundamentals of physiotherapy

Definition of the concept of physiotherapy. The role of national scientists in the development of physiotherapy; the Belarusian school of physiotherapists. Main directions of using physical factors in medicine (therapeutic, rehabilitative, preventive, diagnostic). Specific features of therapeutic physical factors. Classification of means and methods of physiotherapy. Principles of physiotherapy. Modern concepts of the mechanisms of physiological and therapeutic action of natural and preformed physical factors: physical, physico-chemical and biological stages of their effects on the human body. Local, segmental and general reactions of the human body to physiotherapeutic influences and their interrelation. The role of the skin in the realization of the effects of physical factors. Neurophysiological and humoral aspects of the mechanisms of physiotherapeutic procedures. Combination and integration of physiotherapeutic factors.

Rules of safety when working with physiotherapeutic equipment. Principles of medical ethics and deontology in physiotherapy and medical rehabilitation.

Direct current and its therapeutic and preventive applications. Physico-chemical foundations and mechanisms of physiological and therapeutic

action of direct current on the human body. Dosage of direct current. Drug electrophoresis: foundations and key features of the method. Methods and techniques of drug electrophoresis application.

2. Impulse electrotherapy

Electrosleep: mechanisms of physiological and therapeutic action. Diadynamic Therapy: mechanisms of physiological and therapeutic action. Amplipulse Therapy: mechanisms of physiological and therapeutic action. Interference Therapy: mechanisms of physiological and therapeutic action. Fluctuorization: mechanisms of physiological and therapeutic action. Electrodiagnostics and electrical stimulation: indications and contraindications.

Patient management: collection of complaints and medical history; objective examination of the patient; selection of the method of impulse electrotherapy; preparation of a physiotherapy prescription according to Form 044-y; placement of electrodes according to electrotherapy techniques and performance of the procedure.

3. High-frequency and ultra-high-frequency therapy. Mechanotherapy, aeroionotherapy

General characteristics of high-frequency and ultra-high-frequency electrotherapy methods. Thermal and oscillatory components of the action of high-frequency factors. Physical characteristics of high-frequency factors, mechanisms of physiological and therapeutic action, indications and contraindications.

Mechanotherapy. Physical and biophysical foundations of ultrasound therapy methods. Mechanisms of physiological and therapeutic action of ultrasound. Low-frequency ultrasound and the advantages of low-frequency ultrasound therapy. Indications and contraindications for ultrasound therapy. Equipment for ultrasound therapy, procedure techniques and safety measures. Ultraphonophoresis of medicinal substances: mechanisms of therapeutic action, procedure techniques, indications and contraindications.

Aeroionotherapy. Concept of aeroions and hydroaeroions. Specific effects of positive and negative aeroions and hydroaeroions.

Patient management: collection of complaints and medical history; objective examination of the patient; selection of the method of impulse electrotherapy; preparation of a physiotherapy prescription according to Form 044-y; performance of ultrasound therapy procedures.

4. Phototherapy. Magnetotherapy

Physical and biophysical characteristics of light, the concept of the spectrum of light radiation. Physiological and therapeutic effects of infrared and visible rays. Biopton therapy. Physiological and therapeutic effects of plane-polarized light.

Ultraviolet rays. Physiological and therapeutic effects of ultraviolet rays of different wavelengths (long-wave, medium-wave and short-wave ultraviolet radiation). Ultraviolet erythema, its dynamics and biological role, indications and contraindications for use. Methodology for determining the biodose.

Laser therapy. Physical and biophysical characteristics of laser radiation. Mechanism of physiological and therapeutic action of laser radiation. The concept of laser acupuncture and laser blood irradiation, indications and contraindications.

Magnetotherapy. Biophysical foundations of magnetotherapy. Types of magnetic fields (constant, alternating, traveling, pulsed). Physiological and therapeutic effects of magnetic fields. Indications and contraindications for magnetotherapy.

Patient management: collection of complaints and medical history; objective examination of the patient; selection of the physiotherapy method; preparation of a physiotherapy prescription according to Form 044-y; performance of laser therapy and magnetotherapy procedures.

5. Innovative methods of physiotherapy

Micro-polarization: mechanism of physiological and therapeutic action, indications and contraindications. High-intensity laser therapy: mechanism of physiological and therapeutic action, indications and contraindications. High-intensity magnetotherapy: mechanism of physiological and therapeutic action, indications and contraindications. Diamagnetotherapy. Shock-wave therapy: mechanism of physiological and therapeutic action, indications and contraindications. Gravitational therapy: physical and biophysical foundations of the method, mechanism of physiological and therapeutic action, indications and contraindications for gravitational therapy.

6. Hydrotherapy, mud therapy, thermotherapy. Cryotherapy. Spa and resort treatment

Hydrotherapy, mud therapy, thermotherapy. Mechanism of physiological and therapeutic action of hydrotherapy and therapeutic muds, indications and contraindications.

Cryotherapy, its physiological and therapeutic action. Spa and resort treatment. Types of resorts. Sanatoriums of the Republic of Belarus.

Patient management: collection of complaints and medical history; objective examination of the patient; selection of the physiotherapy method; preparation of a physiotherapy prescription according to Form 044-y; performance of thermotherapy procedures.

7. Fundamentals of medical rehabilitation. Specific features of patient examination in medical rehabilitation

Definition of medical rehabilitation. Types of medical rehabilitation.

Concept of the consequences of disease. Types of functional disorders according to the ICIDH model. Categories of vital activity: classification, definitions. Types of social insufficiency. ICF model. Types of functional disorders according to the ICF model: activity and participation, their evaluation. Realization and capacity: influence of environmental factors on the functioning of the human body.

Goals of medical rehabilitation. The concept of «quality of life», definition, components of quality of life. Difference between medical rehabilitation and treatment. Principles of medical rehabilitation. Indications and contraindications for prescribing rehabilitation measures. Criteria for disability.

Organization of rehabilitation services recommended by the World Health Organization (WHO). Concept of a rehabilitation program and rehabilitation service. Personnel of the medical rehabilitation team. Concept of occupational therapy.

Laws of the Republic of Belarus concerning rehabilitation. WHO documents on medical rehabilitation. Main regulatory legal acts of the Ministry of Health of the Republic of Belarus on medical rehabilitation. Phases of medical rehabilitation. Form of the individual program of medical rehabilitation of the patient.

Specific features of collecting medical history in medical rehabilitation. Study of motor functions. Methods of studying physical development. Methods of assessing physical development. Assessment of physical development by the index method. Psychological examination in medical rehabilitation: tasks, methods. Internal picture of disease: definition, significance in medical rehabilitation, types, methods of evaluation.

Study and assessment of daily human activity. Functional Independence Measure, Barthel and Katz scales. Tables for assessing functional state. Concept of functional class.

8. Methods and means of medical rehabilitation

Characteristics of means of medical rehabilitation from the standpoint of evidence-based medicine.

Methods of psychotherapy used in medical rehabilitation of patients with internal diseases.

Kinesiotherapy: classification of means of kinesiotherapy, their characteristics. Contraindications for prescribing therapeutic physical training, massage, mechanotherapy, manual therapy.

Hypoxia training: types of training, indications and contraindications.

Methods of physiotherapy used in medical rehabilitation of patients with major disabling pathologies.

Occupational therapy as a means of medical rehabilitation.

Medical-technical means of rehabilitation: orthoses, prostheses, canes, crutches and others.

Robotics, mechanotherapy methods with biofeedback. Diet therapy, general characteristics. WHO recommendations on rational nutrition.

9. Functional stress tests

Classification of stress tests. Indications for stress testing. Contraindications to exercise tests. Evaluation of stress tests. Degrees of physical working capacity according to the results of exercise tests. Muscle load tests. Methods of conducting and evaluating the standard test, the PWC170 test, the maximal oxygen consumption test. Types of cardiovascular system reactions to standard physical load. Robinson index, quality of reaction indicator.

Breath-holding tests, methods of conducting and evaluating them. Autonomic tests. Tests with changes in body position, methods of conducting and evaluating them.

10. Medical rehabilitation of patients with oncological diseases. Medical rehabilitation of patients with joint diseases

Basic laws of self-improvement of the human body.

Dominant role of the motor system. Classification of physical exercises.

Mechanisms of the influence of physical exercises on the vegetative and regulatory links of the functional systems of the human body.

Main groups of patients subject to medical rehabilitation in oncology, evaluation of their functional state and vital activity, applied means and methods of medical rehabilitation.

Patient management in oncology. Development of an individual program of medical rehabilitation for an oncological patient.

Main groups of patients subject to rehabilitation in arthrology (patients with rheumatoid arthritis, primary osteoarthritis), evaluation of functional state and vital activity. Means and methods of medical rehabilitation applied for these categories of patients.

Patient management: collection of complaints and medical history; objective examination of the patient; selection of the method of medical rehabilitation. Development of a medical rehabilitation plan and preparation of an individual program of medical rehabilitation and habilitation of the patient (IPMRHP) for a patient with joint disease.

11. Medical rehabilitation in cardiology and pulmonology

Main groups of patients subject to medical rehabilitation, evaluation of functional state and vital activity. Stress tests used in cardiology.

Means and methods of medical rehabilitation applied for patients with cardiovascular diseases.

Medical rehabilitation of patients after heart transplantation.

Main groups of patients subject to medical rehabilitation, evaluation of functional state and vital activity. Stress tests used in pulmonology (6 - minute walk test, spirometry, pulse oximetry).

Means and methods of medical rehabilitation applied in pulmonology.

Medical rehabilitation of patients after lung transplantation.

Patient management with cardiovascular and chronic pulmonary diseases: collection of complaints and medical history; objective examination of the patient; selection of the method of medical rehabilitation. Development of an IPMRHP with ischemic heart disease, arterial hypertension, chronic obstructive pulmonary disease, bronchial asthma.

12. Medical rehabilitation in surgery, traumatology and orthopedics

Main groups of patients subject to medical rehabilitation, methods of assessing their functional capabilities and vital activity.

Means and methods of medical rehabilitation applied in surgery, traumatology and orthopedics. Evaluation of functional state of the musculoskeletal system. Functional testing (dynamometry, goniometry).

Kinesio taping: technique and methods of application in traumatology and orthopedics, indications and contraindications.

Patient management with consequences of injuries of the upper and lower limbs: collection of complaints and medical history; objective examination of the patient; selection of the method of medical rehabilitation. Development of an IPMRHP after surgical interventions on the organs of the thoracic and abdominal cavities, after injuries of the upper or lower limbs, with posture disorders.

13. Medical rehabilitation in neurology and neurosurgery

Main groups of patients subject to medical rehabilitation, evaluation of functional state and vital activity.

Means and methods of medical rehabilitation applied in neurology and neurosurgery.

Patient management with neurological diseases: collection of complaints and medical history; objective examination of the patient; selection of the method of medical rehabilitation. Development of an IPMRHP with cerebrovascular disorders, traumatic brain injury, spinal osteochondrosis.

EDUCATIONAL DISCIPLINE «MEDICAL REHABILITATION AND PHYSIOTHERAPY» CURRICULAR CHART

Section, topic #	Section (topic) name	Number of class hours		Supervised student independent work	Literature	Practical skills	Form of control	
		lectures	practical				of practical skills	of current / intermediate assessment
9 semester								
	Lectures	3	-	3				
1.	Fundamentals of physiotherapy	1,5	-	1,5	1, 7			Interview, testing
2.	Phototherapy. Magnetotherapy	-	-	1,5	1, 7			
3.	Hydrotherapy, mud therapy, thermotherapy. Cryotherapy. Spa and resort treatment	1,5	-	-	1, 7			Interview, testing
	Practical lessons	-	42	-				
1.	Fundamentals of physiotherapy. Direct current and its therapeutic and preventive use	-	7	-	1, 7			Interview, testing
2.	Impulse electrotherapy	-	7	-	1, 2, 3	1. Completion of a physiotherapy prescription (Form 044-y). 2. Application of electrodes according to electrotherapy techniques and performance of the procedure	Completion of a training form for a physiotherapy prescription. Performance with the assistance of a simulated participant	Interview, testing
3.	High-Frequency, Ultra-High-Frequency	-	7	-	1, 2	Completion of a	Completion of a	Interview,

	and Super-High-Frequency Therapy. Mechanotherapy, aeroionotherapy					physiotherapy prescription (Form 044-y)	training form for a physiotherapy prescription	testing
4.	Phototherapy. Magnetotherapy	-	7	-	1, 3	1. Determination of the minimal erythema dose (biodose)* 2. Completion of a physiotherapy prescription (Form 044-y)	Solving situational tasks. Completion of a training form for a physiotherapy prescription	Interview, testing
5.	Innovative methods of physiotherapy	-	7	-	1, 3, 6	Completion of a physiotherapy prescription (Form 044-y)	Completion of a training form for a physiotherapy prescription	Interview, testing, control work*
6.	Hydrotherapy, mud therapy, thermotherapy. Cryotherapy. Spa and resort treatment	-	7	-	1, 7	Completion of a physiotherapy prescription (Form 044-y)	Completion of a training form for a physiotherapy prescription	Interview, testing
11 semester								
Lectures		3	-	3				
8.	Fundamentals of medical rehabilitation. Specific features of examination in rehabilitation	1,5	-	1,5	1, 7			Interview, testing
9.	Methods and means of medical rehabilitation	1,5	-	1,5	1, 7			Interview, testing
Practical lessons		-	35	-				
8 - 10.	Fundamentals of medical rehabilitation. Specific features of examination in medical rehabilitation. Methods and means of medical rehabilitation. Functional stress tests	-	7	-	1-4	Assessment of functional state and vital activity of the organism	Performance of the six-minute walk test, pulse oximetry. Interpretation of	Interview, testing, solving situational tasks

							spirometry results*	
11.	Fundamentals of physical rehabilitation of patients. Rehabilitation of patients with joint diseases. Rehabilitation of patients with oncological diseases.	-	7	-	1-3	Assessment of functional state of the musculoskeletal system	Performance of goniometry and dynamometry	Interview, testing, solving situational tasks
12.	Medical rehabilitation in cardiology and pulmonology	-	7	-	1, 4	Development of a plan and elaboration of an IPMRHP in cardiological and pulmonological diseases	Completion of the IPMRHP form	Interview, testing, solving situational tasks
13.	Medical rehabilitation in surgery, traumatology and orthopedics	-	7	-	1-3, 7	Development of a plan and elaboration of an IPMRHP in surgery, traumatology and orthopedic diseases	Completion of the IPMRHP form	Interview, testing, solving situational tasks*
14.	Medical rehabilitation in neurology and neurosurgery	-	7	-	1, 2, 5, 7	Development of a plan and elaboration of an IPMRHP after a cerebrovascular accident	Completion of the IPMRHP form	Interview, testing, solving situational tasks. Credit
	Total hours	6	77	6				

*This is a mandatory form of current certification.

INFORMATION AND INSTRUCTIONAL UNIT

LITERATURE

Basic (relevant):

1. Epifanov, V. A. Medical Rehabilitation : textbook / edited by A. V. Epifanov, E. E. Achkasov, V. A. Epifanov. – Moscow : ГЭОТАР-Медиа, 2022. – 664 p.

Additional:

2. Kisner, C. Therapeutic Exercise : Foundations and Techniques / C. Kisner, L. A. Colby. – 7th ed. – Philadelphia : F. A. Davis, 2021. – 1168 p.

3. Chaconas, E. Physical Rehabilitation for Musculoskeletal Conditions / E. Chaconas, M. Daugherty. – New York : Routledge, 2025. – 480 p.

4. Kalenchits, T. I. Basics of medical rehabilitation in cardiology / T. I. Kalenchits, E. V. Rysevets, Zh. V. Antonovich. – Minsk : BSMU, 2022. – 22 p.

5. Malkevich, L. A. Medical rehabilitation in the early recovery period of acute cerebral circulation disorder / L. A. Malkevich, O. O. Cheshik, I. A. Lemeshevsky. – Minsk : BSMU, 2024. – 36 p.

6. Sushchenya, E. A. Ozonotherapy / E. A. Sushchenya. – Minsk : BSMU, 2025. – 36 p.

Electronic courseware for the educational discipline «Medical Rehabilitation and Physiotherapy»

7. <https://etest.bsmu.by/login/index.php>.

METHODOLOGICAL RECOMMENDATIONS FOR THE ORGANIZATION AND PERFORMANCE OF STUDENT INDEPENDENT WORK IN THE ACADEMIC DISCIPLINE

The time allocated for independent work can be used by students for:
 preparing for lectures and practical classes;
 preparing for control work and credit in the academic discipline;
 studying the topics designed for independent work;
 preparing thematic reports, abstracts, presentations.

METHODOLOGICAL RECOMMENDATIONS FOR THE ORGANIZATION AND PERFORMANCE OF SUPERVISED STUDENT INDEPENDENT WORK IN THE ACADEMIC DISCIPLINE

APPROXIMATE LIST OF TASKS FOR SUPERVISED STUDENT INDEPENDENT WORK:
 preparation of thematic reports, abstracts, presentations;
 production of models, laboratory and educational aids;
 design of information and demonstration materials (stands, posters, graphs, tables, newspapers, etc.).

FORMS OF CONTROL OF SUPERVISED STUDENT INDEPENDENT WORK:

testing;
 interview.

LIST OF AVAILABLE DIAGNOSTIC TOOLS

The following forms of current certification are used to diagnose competencies:
 interview;
 testing;
 solving situational tasks;
 control work.

LIST OF AVAILABLE TEACHING METHODS

Traditional method;
 active (interactive) methods:
 Problem-Based Learning (PBL);
 Case-Based Learning (CBL);
 training based on simulation technologies.

LIST OF PRACTICAL SKILLS

Name of practical skills	Form of practical skills control
1. Assessment of functional state and vital activity of the organism	Performance of the six-minute walk test, pulse oximetry. Interpretation of spirometry results
2. Assessment of functional state of the musculoskeletal system	Performance of goniometry and dynamometry
3. Development of a plan and elaboration of an individual program of medical rehabilitation and habilitation of the patient (IPMRHP) in cardiological and pulmonological diseases	Completion of the IPMRHP form
4. Development of a plan and elaboration of an IPMRHP in surgery, traumatology and orthopedic diseases	Completion of the IPMRHP form
5. Development of a plan and elaboration of an IPMRHP after a cerebrovascular accident	Completion of the IPMRHP form
6. Application of electrodes according to electrotherapy techniques and performance of the procedure	Performance with the assistance of a simulated participant
7. Determination of the minimal erythema dose (biodose)	Solving situational tasks
8. Completion of a physiotherapy prescription (Form 044-y)	Completion of a training form for a physiotherapy prescription

LIST OF SIMULATION EQUIPMENT USED

Devices for conducting electrotherapy procedures: «Радиус» (Radius), «Рефтон-01» (Refton-01), «Искра-01» (Iskra-01);
devices for conducting magnetotherapy procedures: «АМТ-01» (АМТ-01), «Полимаг-01» (Polimag-01), «Алмаг» (Almag), «АМТ-02» (АМТ-02);
devices for conducting phototherapy procedures: «Милта» (Milta), «Рикта» (Rikta), «АСТ» (AST), «Жень-шень» (Zhen-Shen), Bioptron;
exercise bicycles (ergometers);
mechanotherapy device «Колибри» (Kolibri).

**PROTOCOL OF THE CURRICULUM APPROVAL
BY OTHER DEPARTMENTS**

Title of the discipline requiring approval	Department	Amendments to the curriculum in the academic discipline	Decision of the department, which designed the curriculum (date, protocol #)
1. Internal Diseases	Cardiology and Internal Diseases	None	Protocol # 2 of 22.09.2025
2. Neurology and Neurosurgery	Neurology and Neurosurgery	None	Protocol # 2 of 22.09.2025
3. Traumatology and Orthopedics	Traumatology and Orthopedics with the course of advanced training and professional retraining (AT and PR)	None	Protocol # 2 of 22.09.2025
4. Surgical Diseases	Surgical Diseases with the course of AT and PR	None	Protocol # 2 of 22.09.2025
5. Oncology	Oncology with the course of AT and PR	None	Protocol # 2 of 22.09.2025

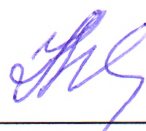
COMPILERS/AUTHORS:

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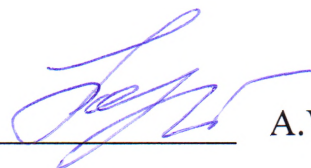
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O.V.Vorotnitskaya

Curriculum content, composition and the accompanying documents comply with the established requirements.

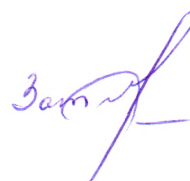
Head of the Office of Educational Activities of the Educational Institution «Belarusian State Medical University»



I.L.Kotovich

17.11.2025

Methodologist of the Educational and Methodological Department of the Office of Educational Activities of the Educational Institution «Belarusian State Medical University»



S.V.Zaturanova

17.11.2025