

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
28.05.2026
Reg. No. UD-*0911-01-04/2526*/p.

PROGRAM
ON WORK EXPERIENCE PRACTICE
«NURSING WITH MANIPULATIVE TECHNIQUES PRACTICE»
for the specialty
7-07-0911-01 «General Medicine»

THE COMPILERS:

E.A.Dotsenko, Head of the Department of Propaedeutics of Internal Diseases of the Educational Institution «Belarusian State Medical University», MD, PhD, Professor;

N.Ya.Bovtyuk, Head of the Department of Operative Surgery and Topographic Anatomy of the Educational Institution «Belarusian State Medical University», MD, PhD, Associate professor;

I.I.Burakov, Professor of the Department of Propaedeutics of Internal Diseases of the Educational Institution «Belarusian State Medical University», MD, PhD, Professor;

M.V.Sholkova, Associate Professor of the Department of Propaedeutics of Internal Diseases of the Educational Institution «Belarusian State Medical University», MD, PhD, Associate professor;

S.V.Primak, Senior Lecturer of the Department of Propaedeutics of Internal Diseases of the Educational Institution «Belarusian State Medical University», MD;

A.V.Kharitonchik, Associate Professor of the Department of Operative Surgery and Topographic Anatomy of the Educational Institution «Belarusian State Medical University», MD, PhD, Associate professor;

N.S.Anisova, Senior Lecturer of the Department of Operative Surgery and Topographic Anatomy of the Educational Institution «Belarusian State Medical University», MD

RECOMMENDED FOR APPROVAL:

By the Department of Propaedeutics of Internal Diseases of the Educational Institution «Belarusian State Medical University» (protocol No. 6a of 31.12.2025);

By the Department of Operative Surgery and Topographic Anatomy of the Educational Institution «Belarusian State Medical University» (protocol No.12 of 05.01.2026);

By the Council of the Medical Faculty for International Students of the educational institution «Belarusian State Medical University» (protocol No. 9 of 28.05.2026)

EXPLANATORY NOTE

The purpose of the students' work experience practice is to consolidate professional skills in their specialty, acquire practical experience, develop professional thinking and test the abilities of future specialists for further independent execution of their professional functions.

The Program on Work Experience Practice was developed in accordance with the Program on Work Experience Practice «Nursing With Manipulation Technique Practice», approved by 04.05.2026, registration No УД-0911-01-03/2526/п., on the educational plan in the specialty «General Medicine», approved by 16.04.2025, registration No 7-07-0911-01/2526/mf.

The purpose of the «Nursing With Manipulation Technique Practice» is to consolidate and deepen the knowledge obtained during theoretical training, to enable students to master practical skills, and to form the necessary abilities and competencies for subsequent independent professional activity as nursing staff (nurse, male nurse).

Objectives of the work experience practice:

acquisition and consolidation of skills in providing medical care to patients in inpatient settings;

acquisition of professional skills in the specialty by students, consolidation, expansion, and systematization of knowledge obtained during the study of the academic discipline «Medical Care and Manipulation Technique»;

acquisition of experience in social, organizational, and educational work within the healthcare system.

A total of 216 academic hours are allocated for the «Nursing With Manipulation Technique Practice» practical training over the course of 4 weeks upon completion of the 6th semester.

Of these, 144 hours are classroom sessions, and 72 hours are independent student work.

Intermediate assessment is conducted in the form of a differentiated credit upon completion of the practical training.

REQUIREMENTS FOR MASTERING WORK EXPERIENCE PRACTICE

Upon completion of the work experience practice the student must

know:

the role and tasks of a nurse in providing medical care to the population;
features of interpersonal relationships, the foundations of medical ethics and deontology;

legal responsibility of medical personnel;

organizational and administrative documents, instructions for ensuring the sanitary and anti-epidemic regime in a health care institution (hospital);

device, equipment and medical-protective regime of the hospital;

basic principles of organizing the work of the admission department in a health care institution (hospital);

basic principles of fire safety of departments in a healthcare institution (hospital);

functional duties of a nurse;

requirements for the organization of safe working conditions for medical personnel and measures to ensure the sanitary and anti-epidemic regime in a health care institution (hospital);

rules of personal hygiene of medical personnel;

rules and methodology for performing nursing therapeutic manipulations;

rules and methodology for parenteral administration of drugs, including using a peripheral venous catheter;

indications and contraindications for nursing therapeutic manipulations, possible complications;

equipment and technical bases for the operation of medical equipment;

be able to:

organize the implementation of measures to ensure the sanitary and anti-epidemic regime and safe working conditions in wards and special rooms in a health care institution (hospital);

competently and correctly draw up, register medical documents in departments of health care institutions (hospital);

ensure the correct storage conditions for medicines;

carry out pre-sterilization cleaning of reusable medical devices;

monitor the quality of pre-sterilization cleaning of reusable medical devices;

to carry out packaging of dressings and other reusable medical devices for sterilization;

carry out the laying of dressings and other reusable medical devices for sterilization;

monitor the quality of sterilization of reusable medical devices;

collect, package and label medical waste;

possess:

methods of drug distribution;

methods of thermometry;

technique of applying a compress, heating pad, ice pack;

technique of setting a cleansing enema;

technique of gastric lavage and feeding the patient through a tube;

technique for measuring blood pressure and determining the characteristics of pulse on the radial arteries;

technique of intramuscular injections;

technique of performing subcutaneous injections;

technique of setting a peripheral venous catheter;

technique of intravenous injections;

technique of blood sampling with a syringe and vacuum systems for biochemical and other types of research;

ways (methods) of preparing a patient for ultrasound, endoscopic and X-ray examination of the abdominal organs.

The fulfillment of the credit standards by the student guarantees the acquisition of practical training of the required level.

GENERAL ISSUES OF ORGANIZATION AND QUALITY CONTROL OF THE PRACTICE PROGRAM IMPLEMENTATION

Students' practical training is conducted at healthcare organizations (hereinafter – the practice base).

The overall management and organization of students' practical training is provided by the university's practice supervisor.

The overall management and organization of practical training at the Faculty of General Medicine and the Medical Faculty of International Students is provided by the faculty's practice supervisors.

The direct supervision of practical training is provided by the practice supervisors from the Department of Propaedeutics of Internal Diseases and the Department of Operative Surgery and Topographic Anatomy of the university.

The overall management and organization of students' practical training at the practice base is provided by the practice base supervisor.

The direct supervision of students' practical training at the practice base is provided by a practice base employee (hereinafter – the practical training supervisor).

Students are permitted to participate in practical training upon presentation of a health certificate. During their practical training, students are required to complete the required training, comply with labor protection laws, the practical training site's internal work regulations, the rules and standards of medical ethics and deontology, and workplace safety requirements, and comply with the instructions of the practice base supervisor and the internship site supervisor. During their practical training, students are subject to labor protection laws and the internal work regulations of the practice base.

During their practical training, students perform certain nurse duties as stipulated by the job description of the relevant employee position, as contained in the Unified Qualification Handbook of Employee Positions.

In accordance with the Regulations on Student (Cadet) Internships, upon completion of their practical training, a differentiated assessment is submitted to the practice supervisors from the Department of Propaedeutics of Internal Diseases and the Department of Operative Surgery and Topographic Anatomy of the university.

A student is eligible for differentiated credit for practical training upon:
fulfillment of all practical training requirements;
presentation of a practical training diary, a report on the completion of the practical training program, and a written review of the student's practical training;

Differentiated credit for practical training includes:

passing a practical skills assessment in the form of an objective structured clinical exam (OSCE). The OSCE demonstrates the student's mastered practical

skills using simulation training technologies on the simulation equipment of the simulation and certification center for higher education. The OSCE is conducted according to the developed examination station passports;

- verification of the practical training program completion report;

- verification of the practical training diary.

The assessment of the student's work takes into account their knowledge, skills, completeness and quality of the practical training program, discipline, and participation in hygiene training and education.

A representative of the training base may be involved in the differentiated credit assessment.

The grade for the practical training is taken into account when summing up the results of the students' midterm assessment for the semester.

FORMS OF WORK EXPERIENCE PRACTICE CONTROL

The Head of the practice from the department conducts a daily interview with students, where all issues that have arisen during the work are discussed, theoretical knowledge is evaluated, and practical skills are correctly performed.

During their practical training, students may be involved in providing medical care to patients and ensuring the sanitary and epidemiological well-being of the population under the supervision of the healthcare professionals responsible for their training.

The Head of the practice from the department monitors the correctness of practical skills implementation, registration of the practice diary report on the implementation of the internship program. The results of the interview and the completion of the internship program are recorded in the electronic journal of students' performance.

FORMS OF PRACTICE

During the practical training «Nursing With Manipulation Technique Practice», students become familiar with the areas of their future professional work, study the work of a multidisciplinary hospital organization, and master and reinforce the skills of a general practitioner nurse and a room nurse (procedure, dressing, examination, etc.).

The Work Experience Practice «Nursing With Manipulation Technique Practice» is carried out in the following forms:

- familiarization with the structure of a specific healthcare organization and the work organization of general practitioner nurses and room nurses (procedure, dressing, examination, etc.) in various departments, their rights, and functional responsibilities;

- participation in patient care, carrying out various doctor's orders jointly with a nurse;

- practice of patient communication skills;

completion of medical documentation;
 familiarization with sanitary and anti-epidemic regulations and treatment and protective measures;
 presence during preventive, treatment, and diagnostic procedures;
 assisting in various medical procedures;
 independent study of theoretical material.

THE CONTENT OF THE PRACTICE

1. Review of medical records

Regulatory legal documents governing the work of nurses.
 Main types of healthcare organizations in accordance with the nomenclature.
 Ethics and deontology in the professional activities of healthcare workers.
 Moral and legal responsibility of medical personnel.

2. Facilities and equipment

Organization of safe working conditions for healthcare workers: personal hygiene, rules for wearing protective clothing, hand hygiene, and hygiene requirements for footwear.

Rules for working with disinfectants, prevention of adverse effects of chemical agents, prevention of occupational dermatitis, etc.

Rules of asepsis and antisepsis, hand treatment and protection techniques for medical personnel, and the sanitary-epidemiological regime.

3. Professional techniques and skills.

Medical observation and patient care.
 Emergency medical care.
 Preparation for sterilization of medical devices, dressings, and patient care items.

Assisting the doctor in performing therapeutic and diagnostic procedures.
 Completion of medical records and reporting documentation.
 Preparation of medical equipment and apparatus for therapeutic and diagnostic procedures.

Conducting hygienic education and health training for patients.
 Taking of biological materials for laboratory analysis.
 Preparation of patients for laboratory, functional, and instrumental diagnostic methods.

Carrying out and compliance with sanitary-hygienic and anti-epidemic standards and regulations.

Accounting, storage, and use of medicines.

INFORMATION AND METHODOLOGICAL PART
CALENDAR AND THEMATIC PLAN OF PRACTICE

Name of the work done	Number of classroom hours
Work as a general practice nurse (ward nurse)	72
Work as a procedural nurse (procedure room, dressing room, examination room, etc.)	64
OSCE	8
Total:	144

A LIST OF PRACTICAL SKILLS ACQUIRED DURING WORK EXPERIENCE PRACTICE INCLUDING APPLICATION OF SIMULATION TECHNOLOGIES

Levels of practical skills mastering:

1 – to know theoretically, be professionally oriented and be aware of the indications for conducting;

2 – to know theoretically, evaluate and participate in the work of the medical staff;

3 – to know theoretically, do on one's own.

A practical skill can be assigned several levels (e.g. 1, 2, 3, or 1, 2). If there are no facilities in the healthcare organization for mastering skills at levels 2 (3), the student must master practical skills according to level 1.

№	Practical skills	Recommended	
		Quantity	Level of development
1	Dressing preparation	20	3
2	Dressing preparation for sterilization	10	3
3	Medical instrument background processing	10	3
4	Preparing a medical instrument for sterilization	10	3
5	Azopyram test (assessment)	10	3
6	Hygienic hand disinfection	50	3
7	Surgical hand hygiene	50	3
8	Reception, registration of patients	10	2
9	Filling out medical documentation	30	3
10	Patient transport	10	3
11	Assistance during medical procedures	5	3
12	Blood pressure measurement	50	3
13	Identification of pulse characteristics on the radial artery (rhythm, frequency, volume, and tension)	50	3
14	Respiration rate count	20	3
15	Carrying out intramuscular injections	30	3

16	Carrying out intravenous injections	30	3
17	Carrying out subcutaneous injections	10	3
18	Filling the infusion system for intravenous infusions	20	3
19	Placement of a peripheral venous catheter	5	3
20.	Taking blood from a vein	5	3
21	Peripheral venous catheter care	5	3
22	Disposal of a single-use injection syringe with a needle.	10	3
23	Disposal of a single-use infusion system	10	3
24	Carrying out hygiene of the skin and mucous membranes for a patient with self-care deficiency	10	3
25	Blood group test according to the ABO system	5	3
26	Assistance in the transfusion of blood components	5	2
27	Distribution of medicines	20	3
28	Carrying out thermometry и filling out the temperature sheet	20	3
29	Assisting with urinary bladder catheterization	2	3
30	Change of bed and underwear for a patient with a self-service deficit	10	3
31	Preparation of the patient for laboratory tests	5	3
32	Application of soft bandages	5	3
33	Giving a cleansing enema	1	3
34	Participation in the care of the stoma, drainage	3	3
35	Probe gastric lavage	1	2
36	Probe feeding of the patient	10	3
37	Applying an ice pack	5	3
38	Heating pad application	1	3
39	Use of an individual inhaler	1	3
40	Humidified oxygen supply	5	2
41	Pulse oximetry	10	3
42	Taking an electrocardiogram	5	3

**LIST OF PASSPORTS OF THE EXAMINATION STATIONS OF THE
OBJECTIVE STRUCTURED CLINICAL EXAMINATION USED FOR
CERTIFICATION OF STUDENTS**

Passport of the Examination Station «Filling Out Medical Documentation (Form No. 004/y – Temperature Chart) » of the Objective Structured Clinical Examination (OSCE) in the Academic Discipline «Medical Care and Manipulative Techniques» for the Specialty "General Medicine.

THEMES AND FORMS OF HYGIENIC EDUCATION AND TRAINING

The topics and formats of hygienic training and education are to be agreed upon with the direct head of from the healthcare facility, according to the department's specialty.

Suggested topics for hygienic training and education:

1. A healthy lifestyle is the key to health for life.
2. Smoking and health.
3. The effect of alcohol on health.
4. Proper nutrition and prevention of obesity.
5. Nutrition and health.
6. The impact of physical activity on health.
7. Therapeutic exercise at any age.
8. Personal hygiene of patients with self-care deficiency.
9. Prevention of occupational diseases.
10. Healthy longevity.
11. Drugs and drug addiction.
12. Prevention of HIV infection.
13. Breast self-examination.
14. Prevention of infections transmitted by airborne droplets.
15. Prevention of allergic reactions to drugs.

REQUIREMENTS FOR THE ACCOUNTING DOCUMENTS CONTENT AND DESIGN

During the practice, the student, under the supervision of the Head of the practice from the organization, fulfils the practice program and reflects the progress of its implementation in the practice diary (**Appendix 1**).

The title page of the diary is signed by the Head of the practice from the organization, the Head of the practice from the University department.

The diary is a document fixing the implementation of the practice program. In the diary, the student records the acquired practical skills daily.

The diary is signed by the Head of the practice from the organization and the student. Corrections and additions after the approval of the records by the Head of the practice from the organization are not allowed.

During the last week of the practice, the student prepares a written report on the completion of the practice program. In the report, the student notes the acquired practical skills, their number and level of mastery (**Appendix 2**). The report must be signed by the student and the Head of the practice from the organization, approved by the Head (deputy head) of the practice base and stamped.

Upon completion of the practice, the Head of the practice from the organization prepares a written review on the student's practice (**Appendix 3**).

A written review on the student's practice is signed by the Head of the practice from the organization.

Upon completion of the practice, the student submits the accounting documents together with other materials, required by the practice program, to the Head of the practice from the department.

The student's practice diary, report on the fulfilment of the practice program and other accounting documents are prepared on A4 paper using the MS Word application.

Accounting documents are kept at the University in accordance with the procedure established by legislation on archives and records management.

MINISTRY OF HEALTH OF THE REPUBLIC OF BELARUS

Educational institution

«BELARUSIAN STATE MEDICAL UNIVERSITY»

Practice base

NAME OF THE HEALTHCARE ORGANIZATION

**DIARY
OF WORK EXPERIENCE PRACTICE
«NURSING WITH MANIPULATION TECHNIQUE PRACTICE»**

Student

Speciality

Faculty

Year of study, student group №

Period of practice

Head of the Practice

from the Healthcare Organization

_____ full name

(signature)

Head of the Practice

from the Department of _____

_____ full name

(signature)

Day 1. Date _____ **Time** _____

1. Full name and address of the hospital (practice base)
2. Name of all departments providing inpatient medical care
3. Name of the department where the practice takes place
4. Characteristics of the department: department profile (therapeutic, surgical, other)
5. Number of beds
6. Department staff (number of medical staff positions): Head of Department: Doctors: Senior nurse Nurse on post Procedural nurse A dressing nurse Medical orderly
7. Characteristics of the building in which the department is located (number of floors, list the departments that are located in this building)

Day 2. Date _____ **Time** _____

1. List of medical documents in the department

Day 3. Date _____ **Time** _____

1. Approximate work schedule of the nurse of the department (time to start work, time to perform various manipulations, lunch, end time).

Day 5. Date _____ **Time** _____

1. List the steps for hand hygiene

Day 6. Date _____ **Time** _____

1. List the laboratory examination methods used in the department.

Day 7. Date _____ **Time** _____

1. List the instrumental examination methods used in the department.

Day 8. Date _____ **Time** _____

1. Write the procedure for general cleaning (procedure room, bandage room or other room of the department).

Day 9. Date _____ **Time** _____

1. Write the rules and procedure for ABO blood test.

Day 10. Date _____ **Time** _____

1. Write the procedure for pre-sterilization cleaning of reusable medical devices.

2. Write the procedure for quality control of pre-sterilization cleaning of reusable medical devices (azopyram test).

Day 11. Date _____ **Time** _____

1. Characteristics of the Treatment room (square, equipment).

2. Responsibilities of the procedural nurse

Day 12. Date _____ **Time** _____

1. List of parenteral medicines used in the department.

Day 13. Date _____ **Time** _____

1. Stages and rules for examining a patient for pediculosis and scabies

2. The contents of the anti-pediculosis set

Day 14. Date _____ **Time** _____

1. Characteristics of the post of the department's nurse (post area, equipment, number of wards and number of beds)

2. Official duties of the ward nurse

Day 15. Date _____ **Time** _____

1. List of oral medications used in the department.

Day 16. Date _____ **Time** _____

1. List the diseases (main diagnoses) of patients undergoing treatment in the department (5-10 different diagnoses).

Day 17. Date _____ **Time** _____

1. Write the medicines from 2-3 prescriptions sheets with dose, time and method of medicine administration.

Day 18. Date _____ **Time** _____

1. Write the orders from 2–3 medication prescription sheets, including the dosage, dosing interval, and method of administration

Day 19. Date _____ **Time** _____

1. Write the list of the medicines included in the kit for providing emergency (urgent, immediate) medical care.

MINISTRY OF HEALTH OF THE REPUBLIC OF BELARUS

Educational institution

«BELARUSIAN STATE MEDICAL UNIVERSITY»

Practice base

*NAME OF THE HEALTHCARE ORGANIZATION***APPROVED**

by the Head Doctor

_____ (full name)

_____ (date)

STAMP

R E P O R T
ON THE IMPLEMENTATION OF THE PROGRAM WORK
EXPERIENCE PRACTICE «NURSING WITH MANIPULATION
TECHNIQUE PRACTICE»

Student _____

Specialty _____

Faculty _____

Year of study, student group № _____

Period of practice _____

№	Practical skills	Recommended		Mastered	
		Quantity	Level of development	Quantity	Level of development
1	Dressing preparation	20	3		
2	Dressing preparation for sterilization	10	3		
3	Medical instrument background processing	10	3		
4	Preparing a medical instrument for sterilization	10	3		
5	Azopyram test (assessment)	10	3		
6	Hygienic hand hygiene	50	3		
7	Surgical hand hygiene	50	3		
8	Reception, registration of patients in the hospital department	10	2		

9	Filling out medical documentation	30	3		
10	Patient transport	10	3		
11	Assistance during medical procedures	5	3		
12	Blood pressure measurement	50	3		
13	Identification of pulse characteristics on the radial artery (rhythm, frequency, filling, tension)	50	3		
14	Respiration rate count	20	3		
15	Carrying out intramuscular injections	30	3		
16	Carrying out intravenous injections	30	3		
17	Carrying out subcutaneous injections	10	3		
18	Filling the infusion system for intravenous infusions	20	3		
19	Placement of a peripheral venous catheter	5	3		
20.	Taking blood from a vein	5	3		
21	Peripheral Venous Catheter care	5	3		
22	Disposal of a syringe with a single-use injection needle	10	3		
23	Disposal of a single-use infusion system	10	3		
24	Carrying out hygiene of the skin and mucous membranes for a patient with self-care deficiency	10	3		
25	Blood group test according to the ABO system	5	3		
26	Assistance in the transfusion of blood components	5	2		
27	Distribution of medicines	20	3		
28	Carrying out thermometry и filling out the temperature sheet	20	3		
29	Assisting with bladder catheterization	2	3		
30	Change of bed and underwear for a patient with a self-service deficit	10	3		
31	Preparation of the patient for ultrasound, endoscopic or X-ray examination of the abdominal organs	5	3		
32	Application of soft bandages	5	3		
33	Giving a cleansing enema	1	3		
34	Participation in the care of the stoma, drainage	3	3		
35	Probe gastric lavage	1	2		
36	Probe feeding of the patient	10	3		
37	Applying an ice pack	5	3		
38	Heating pad application	1	3		

39	Use of an individual inhaler	1	3		
40	Humidified oxygen supply	5	2		
41	Pulse oximetry	10	3		
42	Taking an electrocardiogram	5	3		

Student

_____ full name
(signature)

Head of the Practice
from the Healthcare Organization

_____ full name
(signature)

MINISTRY OF HEALTH OF THE REPUBLIC OF BELARUS

Educational institution

«BELARUSIAN STATE MEDICAL UNIVERSITY»

Practice base

*NAME OF THE HEALTHCARE ORGANIZATION***R E V I E W
OF THE WORK EXPERIENCE PRACTICE « _____ »**

of student _____

(full name of the student)

The review reflects the professional qualities of the student, the ability to acquire professional skills, indicates the presence and results of the development of personal qualities necessary for the profession, gives an overall assessment of the results of the implementation of the practical program and the achieved level of practical training. The relationship with the team, knowledge and compliance with the norms of medical ethics and deontology are characterized. In conclusion, recommendations are given on the admission of a student to a differentiated credit in practice.

Head of the practice from the Healthcare

Organization

_____ full name

(signature)

_____202_

I am familiar with the review

_____ full student's name

(signature)

THE COMPILERS:

Head of the Department of Propaedeutic of Internal Diseases of the Educational Institution «Belarusian State Medical University», MD, PhD, Professor




E.A. Dotsenko

Head of the Department of Operative Surgery and Topographic Anatomy of the Educational Institution «Belarusian State Medical University», MD, PhD, Associated professor



N.Y. Bovtyuk

Professor of the Department of Propaedeutic of Internal Diseases of the Educational Institution «Belarusian State Medical University», MD, PhD, Professor



I.I. Burakov

Associated Professor of the Department of Propaedeutic of Internal Diseases of the Educational Institution «Belarusian State Medical University», MD, PhD, Associated professor



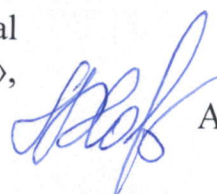
M.V. Sholkova

Senior lecturer of the Department of Propaedeutic of Internal Diseases of the Educational Institution «Belarusian State Medical University», MD




S.V. Primak

Associated Professor of the Department of Operative Surgery and Topographic Anatomy of the Educational Institution «Belarusian State Medical University», MD, PhD, Associated professor



A.V. Kharitonchik

Senior lecturer of the Department of Operative Surgery and Topographic Anatomy of the Educational Institution «Belarusian State Medical University», MD



N.S. Anisova

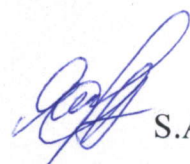
The design of the practice program and the accompanying documents meet the established requirements.

Head of the Practice of the educational institution «Belarusian State Medical University»



N.A. Medved

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



S.A. Yankovich