

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

15.07.2023

Reg. No. UD-7-07-0911-01-1-1/2529/p.

PROGRAM
OF PRACTICAL SESSIONS
IN INTRODUCTORY PRACTICE
for the specialty
7-07-0911-01 «General Medicine»

The program is based on the educational standard of higher education in the specialty 1-79 01 01 «General medicine», approved and enforced by the Resolution of the Ministry of Education of the Republic of Belarus from 01.09.2023 № 302/7627; and on the curriculum of the higher educational institution in the specialty 7-07-0911-01 «General medicine», approved 27.06.2023, registration No. 7-07-0911-01/2324/mf

COMPILERS:

A.M.Boris, PhD, Associate Professor, Head of the 2nd Department of Internal Diseases of the Educational Institution «Belarusian State Medical University»;

V.M.Sidzenka, PhD, Associate Professor of the 2nd Department of Internal Diseases, Educational Institution «Belarusian State Medical University»

RECOMMENDED FOR APPROVAL:

By the 2nd Department of Internal Diseases of the educational institution «Belarusian State Medical University»

(protocol № 11 от 23.05.23);

By the Council of the Medical Faculty for International Students of the educational institution «Belarusian State Medical University»

(protocol № 9 от 24.06.23)

EXPLANATORY NOTE

The purpose of the students' educational introductory practice is consolidation and deepening of knowledge gained in the process of theoretical training, mastering practical skills by students, forming the necessary skills and competencies for their subsequent independent professional activity in the specialty «General medicine».

The educational practice of students is aimed at the formation of their practical skills in the studied academic disciplines, the consolidation of theoretical knowledge, mastering primary skills.

The objectives of the educational introductory practice are:

acquisition of patient care skills;

acquisition of skills for performing medical manipulations;

familiarization with the requirements of the sanitary and anti-epidemic regime in the health care organization;

mastering the skills of providing medical care.

At the end of the educational practice (*name*) **the student must know:**

regulatory legal acts handling activities in the field of healthcare;

fundamentals of management and organization of healthcare, organization of nursing;

principles of sanitary-hygienic and anti-epidemic measures;

basics of a healthy lifestyle;

medical ethics and deontology;

psychology of professional communication;

rules and regulations of labor protection and fire safety.

basics of asepsis and antiseptics;

means of first aid;

principles and sequence of first aid;

rules for the transportation of patients and victims in conditions that pose a threat to life and health;

be able to:

conduct an examination of a patient and an injured person;

assess the state of a patient and an injured person;

provide a first aid;

to prepare for the transportation of patients;

provide general patient care;

to provide air, temperature conditions and comfortable environment for patients in accordance with hygienic requirements;

to form a responsible attitude to health in patients;

carry out daily and general cleaning of premises;

possess:

skills in anthropometric measurements;

skills of carrying out sanitization of the patient;

skills of transportation and transferring patients;

skills of caring for critically ill patients;

skills in carrying out a set of measures for the prevention of pressure ulcers; first aid skills.

In total, 54 academic hours are allocated for the educational introductory practice during 1 weeks in 1st or 2nd semester.

These comprise 26 hours of practical classes, 4 hours of supervised independent work (hereinafter, SIW), 24 hours of independent work of the student (hereinafter, IW).

In accordance with the schedule of the educational process, during the first two weeks after the end of the practice, a student passes a graded credit to the head of the practice from the department of the medical university in the form provided by the practice program.

A graded credit is taken if a student has a report on the implementation of the practice program.

A student who has not completed the practice program and (or) got an unsatisfactory mark when passing the graded credit, is repeatedly sent to practice (no more than once) by order of the Rector of the medical university in his free time from practical classes to complete the practice program in full.

The mark in practice is taken into account when summing up the results of the intermediate assessment of students.

Students' educational practice is conducted in healthcare organizations corresponding to the specialty of the education received (hereinafter referred to as the practice base).

Educational practice is combined with the educational process.

The general management and organization of students' practice is entrusted to the head of the practice from the educational institution «Belarusian State Medical University» (hereinafter referred to as the medical university).

The general and direct management of the students' practice in educational practice is carried out by the head of the practice from the 2nd Department of Internal Diseases of the medical university.

Scientific and methodological guidance of the practice of the medical university students is carried out by the Medical Faculty for International Students.

THE CONTENT OF THE PRACTICE

In the process of introductory educational practice students get acquainted with the objects of their future professional activities, prepare for the conscious study of academic disciplines, study the work of a multidisciplinary inpatient medical institution, master and consolidate primary skills in patient care and first aid.

Students carry out medical supervision and patient care in a healthcare organization, provide emergency medical care if necessary, follow the orders of a specialist doctor, carry out sanitary and educational work with patients and their relatives, carry out direct implementation and compliance with sanitary and hygienic and anti-epidemic norms and rules, observe the rules of medical ethics and deontology.

FORMS OF PRACTICE

The educational introductory practice is carried out in the following forms:

- undergoing orientation sessions on labor protection according to the legislation;
- compliance with the requirements of safe work at the workplace;
- compliance with the internal labor regulations of the practice base;
- compliance with the rules and norms of medical ethics and deontology;
- registration and submission of reporting documentation on the implementation of the practice program;
- studying the documentation of the practice base within the scope of tasks defined by the practice program;
- conducting sanitary and educational work;
- observation on the organization of work and interaction of doctors, secondary and junior medical personnel, familiarization with their functional responsibilities;
- presence at therapeutic and diagnostic manipulations;
- assistance in use of various medical techniques;
- mastering practical skills and skills in patient care, medical care;
- analysis of the current result of practical training;
- independent study of the topics reserved for self-preparation.

INFORMATION AND METHODOLOGICAL PART

CALENDAR AND THEMATIC PLAN OF THE EDUCATIONAL PRACTICE

Name of work	Number of hours		
	In-class	IW	SIW
Familiarization with the structure of healthcare facilities, organization of protective and sanitary regime, regulatory legal acts, implements and equipment	3	2	3
Familiarization with types, forms and conditions for the provision of medical care, and the main types of health care organizations in accordance with the nomenclature	3	2	3
Study of ethics and deontology in the professional activity of medical staff, moral and legal responsibility of medical staff	4	-	3
Familiarization with organization of work of inpatient department	4	-	3
Familiarization with organization of work of admission department	4	-	4
Practicing first aid skills	4	-	4
Familiarization with work of nurses station, pattern of filling in medication administration	4	-	4

record and rules for storing and distributing medicines			
Total:	26	4	24

LIST OF PRACTICAL SKILLS TO BE ACQUIRED DURING PRACTICE AND THE LEVELS OF THEIR MASTERING

Levels of mastering practical skills:

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

2 – to know theoretically, evaluate, take part in the work of medical personnel;

3 – to know theoretically, perform independently.

№	Practical skills	Recommended	
		Number	Level of mastering
1.	Carrying out hygienic hand antisepsis	10	3
2.	Putting on workwear	10	3
3.	Putting on personal protective equipment	10	3
4.	Examining a patient for pediculosis and scabies	1	1
5.	Patient's height measuring	10	3
6.	Patient's weight measuring	10	3
7.	Calculation of body mass index	10	3
8.	Blood pressure measuring	5	3
9.	Body temperature measuring	3	3
10.	Filling in a body temperature recording chart	3	3
11.	Performing daily cleaning of premises	3	3
12.	Transportation a patient on a gurney	3	3
13.	Transportation a patient in a wheelchair	3	3
14.	Transferring a patient from a gurney or a wheelchair to a bed	1	2
15.	Transferring a patient from a bed to a gurney or a wheelchair	1	2
16.	Assistance to a patient in changing his/her position in bed	3	3
17.	Changing underwear for a patient with motor disability	1	2
18.	Changing bed linen for a patient with motor disability	1	2
19.	Making a bed	5	3
20.	Carrying out a set of measures to prevent pressure ulcers	3	2

THEMES AND FORMS OF SANITARY AND EDUCATIONAL WORK

During the practice training period a student must conduct a conversation with patients and formalize it in the "Additional work" section of the Diary of the educational introductory practice.

Topics:

1. The main health factors.

2. Personal hygiene of patients.
3. Hygiene of patient care.
4. Hygienic body care.
5. Hygienic dental care.
6. Hygienic hair care.
7. What you need to know about pediculosis.
8. Scabies is a contagious skin disease.
9. Sanitary and epidemic regime of a hospital.
10. Personal hygiene of medical staff.
11. Prevention of iatrogenic infections.
12. Ten steps to a normal weight.
13. Bad habits and the fight against them.
14. About the dangers of alcohol.
15. Principles of rational nutrition.
16. About the dangers of taking medicines without a doctor's prescription.
17. Medical ethics is the science of moral principles of medical workers.
18. Hippocratic medical ethics and modern medicine.
19. Medical secrecy.

SAMPLE QUESTIONS FOR THE GRADED CREDIT

1. Regulatory legal documentation regulating the work of medical institutions.
2. Types, forms and conditions for the provision of medical care.
3. General principles of providing medical care.
4. First aid for wounds and bleeding.
5. First aid for dislocations and fractures of bones.
6. First aid for head and chest injuries.
7. First aid for burns and frostbites.
8. First aid for electric shock, lightning injuries.
9. First aid for heatstroke and sunstroke.
10. First aid for asphyxia, asthma attack.
11. First aid for fainting.
12. First aid for acute heart attack.
13. First aid for foodborne intoxication.
14. First aid for insect and animal bites.
15. Discharge and storage of medicines by a nurse on duty and a senior nurse of inpatient department.
16. Rules for wearing protective clothing and personal protective equipment, hygienic requirements for shoes.
17. Requirements for hand hygiene. Steps of handwashing for medical staff.
18. Measures in case of emergency contact with the patient's biological material.
19. Internal routine of inpatient department.
20. Organization of visits to patients.
21. Regimes of physical activity of patients in hospital.

22. Patient sanitization (full and partial).
23. Examination of a patient in order to detect pediculosis and scabies, treatment of the patient with pediculosis.
24. Anthropometric measurements. Body mass index calculation.
25. Daily and general room cleaning. Storage and labeling of cleaning equipment.
26. Transportation of patients.
27. Assistance to a patient when changing his position in bed. Use of various devices for a comfortable position of a patient.
28. Change, storage of clean and dirty bed linen. Making a bed.
29. Care for eyes, nose, ears, mouth, face, hair, nails and skin of a patient.
30. Care for critically ill patients.
31. Measures for the prevention of pressure ulcers.

REQUIREMENTS FOR THE CONTENT OF REPORTING DOCUMENTS

During the practice the student accomplishes the practice program under the supervision of the head of the practice and completes the Diary of the educational introductory practice according to Appendix 1.

According to the results of the practice, a written report on the implementation of the practice program is prepared. In the report the student indicates the acquired practical skills, their number and level of mastering according to Appendix 2.

The report must be signed by the student, the head of the practice from the department and the head of the practice base.

The report and other reporting documents should be executed on A4 paper using the MS Word application.

The accounting documentation is kept at the medical university in accordance with the procedure determined by the legislation in the field of archive and record keeping.

LITERATURE:

Basic:

1. Pronko, T.P. Basics of medical care: the manual for students of higher education institutions studying in the specialty 1-79 01 01 "General medicine" / Pronko, T.P., et al. – Grodno: GrSMU, 2019. – 207 p.

2. Pronko, T.P. The basics of patient care: the manual for students of the Faculty of Foreign Students / Pronko, T.P., Sokolov K.N., Lis M.A. – Grodno : GrSMU, 2019. – 216 c.

Additional:

3. Care for surgical patients: study guide / ed. by A. V. Kruchkova. - Moscow: Geotar-Media, 2020. – 138 p.

4. Khvaschevskaya G.M. Monitoring and medical care of patients with diseases of genitourinary system: educational and methodical manual / Khvaschevskaya G.M. et al. – Minsk: BSMU, 2022. – 29 p.

5. Lunn P. Taylor's clinical nursing skills: a nursing process approach / Lunn P. - 5th ed. - Philadelphia [etc.]: Wolters Kluwer, 2019. - 1095 p.

6. Pereverzeva E.V. Observation and medical care for patients with the digestive system diseases: educational and methodical manual / Pereverzeva E.V. et al. – Minsk: BSMU, 2021. – 32 p.

7. WHO (2002) Prevention of Hospital Acquired Infections. A practical Guide. 2nd Edition, WHO, Geneva [Electronic resource]. URL: https://apps.who.int/iris/bitstream/handle/10665/67350/WHO_CDS_CSR_EPH_2002_12.pdf?sequence=1&isAllowed=y

8. Clinical Procedures for Safer Patient Care [Electronic resource]. URL: <https://opentextbc.ca/clinicalskills/chapter/medical-asepsis/>

9. Basic Patient Care Procedures [Electronic resource]. URL: https://brooksidepress.org/basic_patient_care/

MINISTRY OF HEALTH OF THE REPUBLIC OF BELARUS

Educational institution

BELARUSIAN STATE MEDICAL UNIVERSITY

Practice base

NAME OF THE HEALTH CARE ORGANIZATION

Department of the medical university _____

DIARY

of the educational introductory practice

Student	_____
Specialty	_____
Faculty	_____
Year of study, group No.	_____
Period of practice	_____

Head
of practice from the department

name of the department

(signature) Name

Day 1. Date _____ Time _____

The content of the work performed	Number (per day)	Level of mastering
Carrying out hygienic hand antisepsis		
Putting on workwear		
Putting on personal protective equipment		
Examining a patient for pediculosis and scabies		
Patient's height measuring		
Patient's weight measuring		
Calculation of body mass index		
Blood pressure measuring		
Body temperature measuring		
Filling in a body temperature recording chart		
Performing daily cleaning of premises		
Transportation a patient on a gurney		
Transportation a patient in a wheelchair		
Transferring a patient from a gurney or a wheelchair to a bed		
Transferring a patient from a bed to a gurney or a wheelchair		
Assistance to a patient in changing his/her position in bed		
Changing underwear for a patient with motor disability		
Changing bed linen for a patient with motor disability		
Making a bed		
Carrying out a set of measures to prevent pressure ulcers		

Additional work:

Only additional types of work performed by the student are listed (with indication of the level of participation), conduction of sanitary and educational talks with patients

Student _____
(signature) Name

Head
of practice from the department

(signature) Name

MINISTRY OF HEALTH OF THE REPUBLIC OF BELARUS
Educational institution
BELARUSIAN STATE MEDICAL UNIVERSITY
Practice base

Name of the healthcare organization

REPORT

on the implementation of the educational introductory practice

Student _____

Specialty _____

Faculty _____

Year of study, group No. _____

Period of practice _____

№	List of practical skills	Recommended		Mastered	
		number	level of mastering	number (total)	level of mastering
1.	Carrying out hygienic hand antisepsis	10	3		
2.	Putting on workwear	10	3		
3.	Putting on personal protective equipment	10	3		
4.	Examining a patient for pediculosis and scabies	1	1		
5.	Patient's height measuring	10	3		
6.	Patient's weight measuring	10	3		
7.	Calculation of body mass index	10	3		
8.	Blood pressure measuring	5	3		
9.	Body temperature measuring	3	3		
10.	Filling in a body temperature recording chart	3	3		
11.	Performing daily cleaning of premises	3	3		
12.	Transportation a patient on a gurney	3	3		
13.	Transportation a patient in a wheelchair	3	3		
14.	Transferring a patient from a gurney or a wheelchair to a bed	1	2		
15.	Transferring a patient from a bed to a gurney or a wheelchair	1	2		

16.	Assistance to a patient in changing his/her position in bed	3	3		
17.	Changing underwear for a patient with motor disability	1	2		
18.	Changing bed linen for a patient with motor disability	1	2		
19.	Making a bed	5	3		
20.	Carrying out a set of measures to prevent pressure ulcers	3	2		

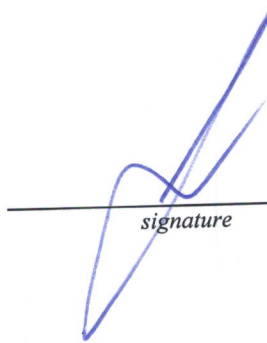
Student _____
(signature) Name

Head
of practice from the department

(signature) Name

COMPILERS:

Head of the 2nd Department of
Internal Diseases of the Educational
Institution «Belarusian State Medical
University», PhD, Associate
Professor



signature

A.M.Boris

Associate Professor of the 2nd
Department of Internal Diseases of
the Educational Institution
«Belarusian State Medical
University», PhD, Associate
Professor



signature

V.M.Sidzenka

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

Dean of the Medical Faculty for
International Students of the educational
institution «Belarusian State Medical
University»

30 05 2023



O.S.Ishutin

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

29 05 2023



N.A.Medved


Methodologist of the educational
institution «Belarusian State Medical
University»


29 05 2023



O.R.Romanovskaya

Information about the authors (compilers) of the practice program

Name	Boris Aleksandr Mikhailovich
Position, scientific degree, title	Head of the 2nd Department of Internal Diseases of the Educational Institution «Belarusian State Medical University», PhD, Associate Professor
 work	277 19 95

Name	Sidzenka Valeryia Mikhailovna
Position, scientific degree, title	Associate Professor of the 2nd Department of Internal Diseases of the Educational Institution «Belarusian State Medical University», PhD, Associate Professor
 work	277 19 95