

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

Контрольный
экземпляр



APPROVED

by First Vice-Rector, Professor

15.06.21 I.N.Moroz

Reg. № UD-L79-1-1-1-1/2522/11 p.

INTRODUCTORY PRACTICE

Practical sessions

Curriculum for the Specialty: 1-79 01 01 « General medicine »

2021

The program of the practical session 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 of _____ No. ____; and on the curriculum of the higher educational institution in the specialty 1-79 01 01 «General medicine» approved by 19.05.2021, registration No. L 79-1-1/2122mf

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 #15 of 18.06.2021);

By the Council of the Faculty of General Medicine of the Educational Institution «Belarusian State Medical University» (protocol # 10 of 24.06.2021)

EXPLANATORY NOTE

The purpose of the introductory educational practice is to consolidate the knowledge gained and acquire the skills and abilities that make up the content of professional activity in the future.

The tasks of educational practice are to develop students' practical skills in caring for patients, consolidate theoretical knowledge, master primary skills in the specialty.

As a result of training **the student must**

know:

- basic normative legal documentation regulating the work of medical and preventive institutions;
- types, forms and conditions for the provision of medical care;
- main types of healthcare organizations in accordance with the nomenclature;
- structure and organization of work of admission and inpatient departments;
- general principles of first aid;
- rules for filling in medical documents in a hospital;
- basic measures for keeping microclimate and providing hygienic care of patients;
- requirements for the organization of safe working conditions for medical staff;

be able to:

- provide the general patient care;
- take care of air, temperature conditions and comfortable conditions for patients in accordance with hygienic requirements;
- form a responsible attitude of patients to their health;
- provide conditions for the safe work;
- draw up medical documentation;
- carry out daily and general cleaning of rooms;

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.

Totally, the number of academic hours for the introductory educational practice is 54 hours during 1 weeks in 1st semester.

These comprise 30 hours of practical classes, 6 hours of supervised independent work (hereinafter, SIW), 18 hours of independent work of the student.

The current certification is carried out in the form of a differentiated credit, for which a student provides the report on educational practice.

Students practice in the organizations of the Ministry of Health of the Republic of Belarus, which are the bases of practical training for the university students (hereinafter, the organization of health care).

The educational practice is combined with the educational process.

The general management of the educational practice is carried out by the head of the university practice, the direct management is carried out by the head of the university department practice.

The scientific and methodological guidance of the educational practice is carried out by the staff of the university department that organizes the educational practice.

CONTENT OF PRACTICAL SESSION

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.

Directions of students activities during the internship:

1. Self-study of theoretical material

1.1. Regulatory legal documentation regulating the work of medical institutions.

1.2. Types, forms and terms for the provision of medical care. The main types of health care organizations in accordance with the nomenclature.

1.3. Ethics and deontology in the professional activity of medical staff. Moral and legal responsibility of medical staff.

1.4. General principles of first aid. Conducting basic resuscitation measures (restoration of airway patency, artificial lung ventilation, closed chest cardiac resuscitation). First aid for wounds and bleeding, dislocations and fractures of bones, head and chest injuries, abdominal injuries, burns and frostbites, electric shock, lightning injuries, heatstroke and sunstroke, asphyxia, fainting, convulsions, asthma attack, acute heart attack, foodborne intoxication, insect and animal bites.

2. Equipment, facilities and organization of work of the admission and inpatient departments of hospital

2.1. The structure and organization of work of admission and inpatient departments. Internal labor regulations in healthcare organizations, implementation monitoring and responsibility for violation.

2.2. Discharge and storage of medicines by a nurse on duty and a senior nurse of inpatient department. Rules for distributing medicines.

2.3. Hospital room microclimate. Sanitary and hygienic regime.

2.4. Organization of safe working conditions for medical staff: personal hygiene, rules for wearing protective clothing and personal protective equipment, hygienic requirements for shoes, hand hygiene.

2.5. Requirements for hand hygiene. Steps of handwashing for medical staff. Measures in case of emergency contact with the patient's biological material.

2.6. Treatment and protective regime. Internal routine of inpatient department. Organization of visits to patients.

2.7. Regimes of physical activity of patients. A safe hospital environment. Methods of reducing the risk of accidents in patients.

2.8. Fire safety rules.

3. Professional techniques

3.1. Reception and registration of a patient in admission department. Medical records.

3.2. Patient sanitization (full and partial). Examination of a patient in order to detect pediculosis and scabies, treatment of the patient with pediculosis.

3.3. Anthropometric measurements. Body mass index calculation.

3.4. Daily and general room cleaning. Storage and labeling of cleaning equipment.

3.5. Transportation of patients: by foot, on a gurney, a wheelchair, a stretcher, hands. Transferring a patient from a gurney and wheelchair to a bed and from a bed to a gurney, wheelchair.

3.6. Assistance to a patient when changing his position in bed. Use of various devices for a comfortable position of a patient.

3.7. Change, storage of clean and dirty bed linen. Making a bed. Change of bed and underwear for a patient with impaired motor function.

3.8. Patient morning hygiene procedures. Care for eyes, nose, ears, mouth, face, hair, nails and skin of a patient. Care for critically ill patients. Use of bedpans and urinals. Washing the patient after bowel movement and passing of water. Implementing a set of measures for the prevention of pressure ulcers.

Forms of practical training

Educational introductory practice is carried out in the following formats:

- monitoring the organization of work and interaction of doctors, middle and junior medical staff, familiarization with their functional responsibilities;
- familiarization with the practical deontology of patient care;
- observation of therapeutic and diagnostic manipulations;
- assistance in carrying out various medical procedures;
- mastering practical skills in patient care and first aid;
- analysis of the current result of practical training;
- independent study of topics reserved for self-study.

INFORMATION AND METHODOLOGICAL PART

REQUIREMENTS FOR THE CONTENT, EXECUTION OF THE PRACTICAL SESSION REPORT BY THE STUDENT

During the educational practice, a student under the supervision of the direct head of the practice from the university department performs the practice program.

During the internship, a student makes a written report on the implementation of the practice program according to Appendix 1.

The report on educational practice is signed by a student and the direct supervisor of the practice from the university department.

The report is drawn up on A4 paper using the Ms Word application and is carried out in accordance with the requirements of the state standard CTB 6-38-2004 for details, text, document design and data in tables.

Reports on the educational practice of students are stored in accordance with the nomenclature of cases of the department of the educational institution «Belarusian State Medical University», responsible for organizing educational practice.

GUIDELINES FOR HEADS OF PRACTICAL TRAINING AND STUDENTS

Departments in charge of organization of the practical session should:

- form training practice programs, review them annually if necessary;
- introduce students to the purpose, objectives and program of educational practice;
- provide the head of the university practice and the dean's offices of faculties reliable and updated information about healthcare organizations in which educational practice is conducted and the number of students that can be accepted by healthcare organizations;
- make proposals on the distribution of students to the healthcare organizations, form lists of students and send them to the dean's office of the faculty;
- make proposals on the appointment of teachers as direct supervisors of educational practice from departments;
- instruct students on labor protection, safety and industrial sanitation with their signature in the journal;
- identify and promptly eliminate shortcomings in the course of educational practice, and, if necessary, report them to the dean of the faculty and the head of the university practice;
- carry out methodological guidance of educational practice and control of labor discipline of students;
- receive credit and examination sheets in the dean's office of the faculty for conducting a differentiated credit;
- carry out a differential credit based on the results of educational practice and submit the credit and examination sheets to the dean's office of the faculty no later than the next day after passing the differential test;

analyze the implementation of educational practice programs, discuss the results at a meeting of the university department and present them to the head of the university practice;

submit a report on the results of the educational practice to the dean of the faculty and the head of the university practice.

The group monitor: A group leader monitors the labor discipline of students in the group, timely informs the head of educational practice from the university department and the dean's office about violations of the labor schedule by students.

During the practical session the student must: complete the program of educational practice, draw up a report on educational practice in accordance with Appendix 1. The report on educational practice must be signed by the student and approved by the head of educational practice;

be instructed on safety precautions, fire safety, industrial sanitation at the university department, sign a safety journal;

comply with the rules and regulations of labor protection, safety, fire safety and industrial sanitation.

REGULATORY FRAMEWORK

1. Law on Health Care: Law of the Republic of Belarus dated June 18, 1993 No. 2435-XII: as amended on October 21, 2016 No. 433-3.

2. Law on Sanitary and Epidemic Welfare of the Population: Law of the Republic of Belarus dated 07.01.2012 No. 340-3.

3. Resolution on the approval of the Sanitary Norms and Rules "Sanitary and Epidemiological Requirements for Organizations Providing Medical Care, including the Organization and Conduct of Sanitary and Anti-Epidemic Measures for the Prevention of Infectious Diseases in These Organizations", invalidating some decrees of the Ministry of Health of the Republic of Belarus: Resolution Ministry of Health of the Republic of Belarus dated 05.07.2017 No. 73.

4. Order on approval of the rules of external and internal content of health care organizations of the Republic of Belarus: Order of the Ministry of Health of the Republic of Belarus 21.10.2003 No. 165.

5. Resolution on the approval of the Sanitary Norms and Rules "Sanitary and Epidemiological Requirements for the Handling of Medical Waste": Resolution of the Ministry of Health of the Republic of Belarus dated 07.02.2018 No. 14.

6. Order on strengthening measures for the prevention of epidemic typhus and the fight against head lice: order of the Ministry of Health of the Republic of Belarus of 29.08.2005, No. 477.

7. Order on strengthening measures to combat scabies, microsporia, trichophytosis and favus: Order of the Ministry of Health of the Republic of Belarus, the Ministry of Agriculture and Food of the Republic of Belarus and the Ministry of Housing and Communal Services of the Republic of Belarus dated 06.12.1995 No. 167.

8. Resolution on approval of the Instruction on the procedure for conducting mandatory medical examinations of workers: Resolution of the Ministry of Health of

the Republic of Belarus dated July 29, 2019 No. 74.

9. Hygienic and surgical antiseptics of the skin of the hands of medical personnel: instructions of the Chief State Sanitary Doctor of the Republic of Belarus of 05.09.2001 N 113-0801.

10. Duty regulations of junior medical staff.

QUESTIONS TO PREPARE FOR THE GRADED CREDIT

1. Regulatory legal documentation regulating the work of medical institutions.
2. Types, forms and terms for the provision of medical care.
3. The main types of health care organizations in accordance with the nomenclature.
4. Ethics and deontology in the professional activity of medical staff.
5. General principles of first aid.
6. Basic cardiopulmonary resuscitation technique (restoration of airway patency, artificial lung ventilation, closed chest cardiac resuscitation).
7. First aid for wounds and bleeding.
8. First aid for dislocations and fractures of bones.
9. First aid for head and chest injuries.
10. First aid for burns and frostbites.
11. First aid for electric shock, lightning injuries.
12. First aid for heatstroke and sunstroke.
13. First aid for asphyxia, asthma attack.
14. First aid for fainting.
15. First aid for acute heart attack.
16. First aid for foodborne intoxication.
17. First aid for insect and animal bites.
18. The structure and organization of work of admission department.
19. The structure and organization of work of inpatient department.
20. Discharge and storage of medicines by a nurse on duty and a senior nurse of inpatient department.
21. Rules for distributing medicines in inpatient department.
22. Organization of safe working conditions for medical staff in medical institution.
23. Rules for wearing protective clothing and personal protective equipment, hygienic requirements for shoes.
24. Requirements for hand hygiene. Steps of handwashing for medical staff.
25. Measures in case of emergency contact with the patient's biological material.
26. Internal routine of inpatient department.
27. Organization of visits to patients.
28. Regimes of physical activity of patients in hospital.
29. Methods of reducing the risk of accidents in hospital patients.
30. Reception and registration of a patient in admission department. Medical records.
31. Patient sanitization (full and partial).

32. Examination of a patient in order to detect pediculosis and scabies, treatment of the patient with pediculosis.
33. Anthropometric measurements. Body mass index calculation.
34. Daily and general room cleaning. Storage and labeling of cleaning equipment.
35. Transportation of patients.
36. Assistance to a patient when changing his position in bed. Use of various devices for a comfortable position of a patient.
37. Change, storage of clean and dirty bed linen. Making a bed.
38. Care for eyes, nose, ears, mouth, face, hair, nails and skin of a patient.
39. Care for critically ill patients.
40. Measures for the prevention of pressure ulcers.

COURSE CHART AND THEMATIC PLAN OF PRACTICAL SESSION

Type of work	Number of hours	
	practical	self-studies
Study of regulatory legal documentation regulating the work of medical institutions (orders, instructions, organizational and administrative documents).	-	4
Study of types, forms and terms for the provision of medical care and the main types of health care organizations in accordance with the nomenclature.	-	4
Study of ethics and deontology in the professional activity of medical staff, moral and legal responsibility of medical staff.	-	4
Study of principles and methods of first aid in case of accidents, injuries, foodborne intoxication and other conditions that pose a threat to human life and health.	-	6
Study of safety instructions for practical training in a hospital. Acquaintance with the structure of a hospital and organization of the treatment process. Study of internal regulations.	2	-
Work in admission department: reception, registration, patient sanitization.	4	-
Work in admission department: anthropometric measurements, body mass index calculating.	4	-

Work in admission and inpatient departments: transportation of patients to departments, treatment and diagnostic rooms.	4	-
Work in admission and inpatient departments: study the requirements for the sanitary and anti-epidemic regime, use of personal protective equipment and hand hygiene.	2	-
Work in admission and inpatient department: daily and general room cleaning.	8	-
Work in inpatient department: change of dirty linen. Making the patient's bed.	4	-
Work in inpatient department: patient morning hygiene procedures, care for a patient with impaired motor activity, prevention of bedsores.	4	-
Work in inpatient department: observation of work of a nurse station and medication administration recording, study the rules for storing and distributing medicines.	4	-
Total:	36	18

LITERATURE:

Basic (relevant):

1. 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, 2016. – 216 c.

Additional:

2. Antonovich, M. N. Cardiovascular Nursing Care : manual / M. N. Antonovich, M.V. Sholkova, J.M. Gromova. – Minsk : BSMU, 2020. – 24 p.
3. Sholkova, M.V. Follow up of patients. Patient care for individuals with self-care deficiency: manual / M.V. Sholkova, E.A. Docenko, T.P. Novikova. – Minsk: BSMU, 2018. – 20 p.
4. Family medicine : in 3 books. Book 1. General Issues of Family Medicine / O. M. Hyrina [et al.] ; ed. O. M. Hyrina, L. M. Pasiyeshvili. Kyiv : AUS Medicine Publishing, 2016. – 560 p.
5. Levchuk, I. P. First aid in case of accidents and emergency situations : preparation questions for a modular assessment / I. P. Levchuk, M. V. Kostyuchenko. - Moscow : GEOTAR-Media, 2015. – 28 p.

6. WHO (2002) Prevention of Hospital Acquired Infections. A practical Guide. 2nd Edition, WHO, Geneva.

<http://www.who.int/csr/resources/publications/whodscscreph200212.pdf>

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

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

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Student Report _____
(Full Name)

on the practical session *(name)* at the base of _____

(name of the healthcare institution in accordance with the state register)

in the period from _____ 20 __ to _____ 20 __

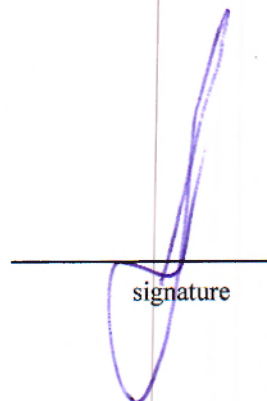
Type of practical training, name of the technique (methodology)	Completed	
	Total	Independently

Student _____
(signature)

Head
 of practical session 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.Eioris

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



V.M.Sidzenka

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

Dean of the Medical Faculty of International Students of the Educational Institution «Belarusian State Medical University»


23. 10 2021



O.S.Ishutin

Head of Practical Training of Belarusian State Medical University

23. 10 2021



N.A. MEDVED


Methodologist of Belarusian State Medical University


23. 10 2021



O.R.Romanovskaya

Information about the authors (compilers) of the curriculum

Name	Boris Aleksandr Mikhailovich
Position, scientific degree, title	Head of the 2 nd Department of Internal Diseases of the Educational Institution "Belarusian State Medical University", PhD, Associate Professor
 work	277 27 93
Fax:	277 27 93
<i>E-mail:</i>	borisal71@mail.ru

Name	Sidzenka Valeryia Mikhailovna
Position, scientific degree, title	Associate Professor of the 2 nd Department of Internal Diseases of the Educational Institution "Belarusian State Medical University", PhD, Associate Professor
 work	
<i>E-mail:</i>	sidenko.vm@mail.ru