

MINISTRY OF HEALTH OF THE REPUBLIC OF BELARUS
"VITEBSK STATE ORDER OF FRIENDSHIP OF PEOPLES MEDICAL
UNIVERSITY"
DEPARTMENT OF OPHTHALMOLOGY



**THE DIARY OF
TRAINING PRACTICE "MEDICAL CARE"
(SURGERY)**

Student of the Faculty of Medicine ____ group 2nd year

Lastname _____

Name _____

place of internship (health organization, address)

Dates of training practice

since « ____ » _____ 20 ____ г.

to « ____ » _____ 20 ____ г.

Vitebsk, 2023

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1. General information about educational practice

The educational program of the training practice "Medical care" (surgery) is carried out in the form of independent work of students in the surgical departments at the Vitebsk Regional Clinical Hospital. The UIRS is held in form of an essay on a topic proposed by the teacher, self-fixing of the main provisions of the normative documents of the Ministry of Health RB and elaboration of questions for self-control.

Educational practice "Medical care" (surgery) is carried out in the 2nd year in the 4th semester 1 time in 2 weeks for 4 hours in the surgical departments, procedural, dressing, manipulation rooms and other structural divisions of the healthcare organization.

During the practice, the student keeps a diary of educational practice (surgery) with registration of all practical skills, which is signed by the nurse on duty or the nurse of the dressing or treatment rooms and the teacher at the end of each lesson. At the end of the practice, the student have to do a summary report on the performed due to practice work. The report should indicate in detail the number of practical skills performed, studied orders, instructions, independent student's work, participation in conferences and other types of work.

The mark for the practice is given taking into account the level of independence in the implementation of practical skills (mastery level 1, 2, or 3). The list of practical skills of levels 1, 2 and 3 is presented in the diary in the form of a table. The maximum score for the practice is 10 points, the minimum positive score is 4 points.

A student is admitted to a differentiated credit for internship if all the requirements for internship are met. The differentiated credit for educational practice "Medical care" (surgery) includes:

- checking the implementation of the practice program in the form of an individual report;
- defense of the abstract on UIRS.

A differentiated credit for practice is carried out at the last lesson in the absence of absences from classes, the assessment is added up with the assessment for educational practice (therapy) and the assessment obtained as the arithmetic mean of the two assessments is put in a special section of the record book "Educational Practice".

2. Purpose and objectives of educational practice

The purpose of the educational practice "Medical care" (surgery) is to form students' social, personal and professional competencies, acquire knowledge about the norms of medical ethics and deontology when communicating with a patient, their application, as well as gaining experience in the activities necessary for medical care of patients in healthcare organizations.

The objectives of the educational practice "Medical care" (surgery):

- familiarization with the structure and organization of work of the hospital health care organization;
- acquaintance with the organization of the work of a nurse in surgical departments, procedural, dressing, manipulation rooms and other structural divisions of the healthcare organization;

- improving the skills of performing nursing medical manipulations;
- Improving the skills of caring for patients with a lack of self-service;
- mastering the rules for transporting patients to medical and diagnostic departments of a hospital healthcare organization;
- implementation of medical care and monitoring of patients in a state of varying severity and different age groups, recording data in medical records;
- acquisition and consolidation by students of practical skills in preparing patients for laboratory and instrumental research methods;
- disinfection of medical devices;
- Acquisition of skills in the preparation of medical documentation.

3. Obligations of the student during the internship

- timely arrive at the place of practice, undergo a briefing on labor protection, familiarize yourself with the internal regulations of the organization. Bring a medical certificate with you.
- purchase a diary, get acquainted with the practice program and the received topics of educational and research work (UIRS).
- obey the current rules of the internal labor regulations of the organization.
- study and strictly follow the rules of labor protection and safety.
- be responsible for the work performed and its results on an equal basis with staff members.

- observe the principles of professional ethics and deontology.
- perform the tasks stipulated by the internship program in a quality and complete manner.
- keep a diary at each lesson, register in it all the work performed.
- at the end of the practice, provide the head of practice from the department with a practice diary with a completed report on the implementation of the practice program and UIRS (abstract).
- pass a differentiated test on educational practice within the established time limits.

4. The list of practical skills that a student must master during the internship

№	Practical skills	Recommended	
		Qty	level
1.	Hygienic hand antiseptic solution « _____ »	15	3
2.	Surgical hand antiseptic solution « _____ »	15	3
3.	Putting on a sterile gown and gloves	1-3	2-3
4.	Disinfection of reusable medical devices	3-5	2-3
5.	Preparation for sterilization of dressings and medical instruments	10-15	3
6.	Pre-sterilization cleaning of reusable medical devices	10-15	3
7.	Sterilization quality control	1-2	2-3
8.	Transportation of patients	10-15	3

9.	Preparation of the workplace for injections and intravenous infusions	3-5	2-3
10.	Caring for your peripheral venous catheter	1-3	2
11.	Disinfection of a syringe with a disposable injection needle	5-10	3
12.	Disinfection of the disposable infusion system	5-10	3
13.	Carrying out disinfection measures in the treatment room	3-5	2-3
14.	Carrying out measures in case of emergency contact with blood	1-2	2-3
15.	Hygiene treatment of the mucous membranes of a patient with self-care deficiency (oral cavity, nose, eyes, ears)	3-5	2
16.	Hygiene treatment of the skin of a patient with a lack of self-care in order to prevent pressure ulcers	5-10	2
17.	Caring for a long-term urinary catheter and urinal	1-3	2
18.	Tube feeding the patient	3-5	2
19.	Application of soft bandages	10-15	2
20.	Preparing the patient for surgery. Operating field preparation	3-5	2
21.	Preparing the room, bed and care items for the patient after surgery	3-5	2-3
22.	Applying an ice pack	1-3	2
23.	Use of heating pad	1-3	2
24.	Feeding the patient through the gastrostomy	1-3	2
25.	Tracheostomy Care	1-3	2
26.	Care of the gastrostomy	1-3	2
27.	Caring for an ileostomy	1-3	2
28.	Care of the colostomy	1-3	2
29.	Urinary fistula care	1-3	2
30.	Preparation of plaster bandages	3-5	2-3

Levels of mastering practical skills:

- 1 - know theoretically, know the indications for conducting;
- 2 - know theoretically, take part in the work of medical personnel;
- 3 - know theoretically, do it yourself.

In the absence of conditions for mastering the skill in the healthcare organization, the student must master practical skills, according to level 1.

5. Requirements for filling out a diary

1. The diary must be completed at each lesson, indicating the date.
2. The diary gives a brief description of the surgical department, procedural, dressing, manipulation rooms, where the student had practice.
3. At each lesson, the column “Number of manipulations performed” displays all the work performed in accordance with the practice program, its quantity and level of assimilation. It indicates the regulatory and medical documentation with which the student worked, the names of disinfectants, performed nursing medical manipulations, preparation for research, the names of laboratory tests and research methods, etc.
4. At the end of each lesson, the diary is signed by the nurse on duty or the nurse of the dressing or treatment rooms and the teacher - head of practice from the department.
5. The theme of UIRS needed to be fixed in the diary.
6. At the end of the practice, the student draws up a report on the base of the practice program, which must be signed by the student and the head of the practice from the department.

7. Characteristics of the treatment room

It is necessary to describe the treatment room where the student had the practice, its equipment, the functional duties of a nurse; medical documentation:

10. Form (table) for filling out the report

№	Practical skills	Level of knowledge	Number of manipulations (by dates)							Total
1.	Hygienic hand antiseptic solution " _____ "	1								
		2								
		3								
2.	Surgical hand antiseptic solution " _____ "	1								
		2								
		3								
3.	Putting on a sterile gown and gloves	1								
		2								
		3								
4.	Disinfection of reusable medical devices	1								
		2								
		3								
5.	Preparation for sterilization of dressings and medical instruments	1								
		2								
		3								

6.	Pre-sterilization cleaning of reusable medical devices	1											
		2											
		3											
7.	Sterilization quality control	1											
		2											
		3											
8.	Transportation of patients	1											
		2											
		3											
9.	Preparation of the workplace for injections and intravenous infusions	1											
		2											
		3											
10.	Caring for your peripheral venous catheter	1											
		2											
		3											
11.	Disinfection of a syringe with a disposable injection needle	1											
		2											
		3											
12.	Disinfection of the disposable infusion system	1											
		2											
		3											

13.	Carrying out disinfection measures in the treatment room	1											
		2											
		3											
14.	Carrying out measures in case of emergency contact with blood	1											
		2											
		3											
15.	Hygiene treatment of the mucous membranes of a patient with self-care deficiency (oral cavity, nose, eyes, ears)	1											
		2											
		3											
16.	Hygiene treatment of the skin of a patient with a lack of self-care in order to prevent pressure ulcers	1											
		2											
		3											
17.	Caring for a long-term urinary catheter and urinal	1											
		2											
		3											
18.	Tube feeding the patient	1											
		2											
		3											
19.	Application of soft bandages	1											
		2											
		3											

20.	Preparing the patient for surgery. Operating field preparation	1												
		2												
		3												
21.	Preparing the room, bed and care items for the patient after surgery	1												
		2												
		3												
22.	Applying an ice pack	1												
		2												
		3												
23.	Use of heating pad	1												
		2												
		3												
24.	Feeding the patient through the gastrostomy	1												
		2												
		3												
25.	Tracheostomy Care	1												
		2												
		3												
26.	Care of the gastrostomy	1												
		2												
		3												

27.	Caring for an ileostomy	1											
		2											
		3											
28.	Care of the colostomy	1											
		2											
		3											
29.	Urinary fistula care	1											
		2											
		3											
30.	Preparation of plaster bandages	1											
		2											
		3											
	Nurse's signature												
	Teacher's signature												

11. Educational and research work during training practice

During the internship, each student performs educational research work (UIRS), which is written in the form of an abstract on the proposed topics (Appendix 1). At the beginning of the practice, students receive the task of conducting the UIRS from the head of the practice. The results of the UIRS are summed up on a differentiated test for educational practice. Materials UIRS students submit to the Department of Ophthalmology during a differentiated test.

Educational research work

Subject: **TRAINING PRACTICE "MEDICAL CARE"**
(SURGERY)

Student's signature _____
" ____ " _____ 20__

The differentiated test mark _____

Signature of the teacher, head of practice from the department

(signature) (full name)
" ____ " _____ 20__

12. Recommended essay topics

1. Classification of modern disinfectant solutions approved by the Ministry of Health of the Republic of Belarus. Requirements for modern disinfectants.
2. A modern approach to the choice of disinfectants in the system of prevention of HCAI. disinfection levels.
3. Modern methods of air disinfection in healthcare organizations by a physical method.
4. Levels of processing of hands of medical personnel. Requirements for the hands of medical personnel. Modern skin antiseptics in the system of anti-epidemic measures, their characteristics.
5. Sanitary and epidemiological requirements for cleaning and linen regimen in healthcare organizations.
6. Sanitary and epidemiological requirements for working conditions for employees of healthcare organizations.
7. The value of the appearance of a medical worker in professional activities and increasing the prestige of the profession.
8. Moral and legal responsibility of medical workers.
9. Types of motor activity of the patient. Types of positions of the patient in bed. "Treatment by position".
10. Complications of staying in bed. Functional bed technique. Anti-decubitus mattresses.
11. Caring for patients with self-care deficits. Bedsores: mechanism of development, risk factors, stages. Comprehensive prevention.
12. Biomechanics. Rules for moving the patient. Biomechanics of movements of a nurse when moving

patients with impaired motor activity. Occupational diseases of medical workers arising from violation of the rules of biomechanics.

13. Care of febrile patients. Modern methods of thermometry.

14. Organization of therapeutic nutrition in a hospital. Sanitary and epidemic buffet regime. Ways of feeding patients with impaired motor activity.

15. Artificial nutrition of patients. Enteral nutrition. The sip method.

16. Risk factors for accidents in patients, methods to reduce the risk of falls and other injuries in patients.

17. Oxygen therapy. Modern methods.

18. The use of peak flow for dynamic monitoring of patients with bronchial asthma.

19. Care of critically ill patients. Pulse oximetry.

20. Rules for preparing patients for various types of laboratory research methods. Direction rules. Requirements for laboratory glassware.

21. Rules for preparing patients for various types of instrumental research methods. Direction rules.

22. Sanitary and anti-epidemic regime of the emergency department. Normative documents regulating the SER. Organization of the work of the reception. Responsibilities of a nurse in the admissions department. Types of medical documentation of the admission department.

23. The art of communicating with patients and their relatives. Deontological requirements for a medical worker.

24. Care and monitoring of elderly and senile patients.

25. Pediculosis: causes, prevention, measures in case of detection.
26. Infectious diseases associated with the provision of medical care. The system of measures for the prevention of infections associated with the provision of medical care.
27. The simplest methods of physiotherapeutic effects on the patient's body.
28. Deontology in surgery.
29. Measures to prevent the spread of HIV infection.
30. Features of patient care in the postoperative period.
31. Features of care for patients operated on the abdominal organs.
32. Features of care for patients operated on the organs of the chest cavity.
33. Methods of pre-sterilization processing of medical devices

Requirements for the abstract

1. The amount of work is 10-12 sheets, typed after 1 interval; on a standard sheet of A4 paper.
2. The pages of the abstract must be numbered (with the exception of the title page, which is the first in a row).
3. The first page is the title page.
4. The plan is given on the second sheet, and the list of literature used to write the abstract is on the last sheet: the author, source name, year and place of publication, page numbers used should be indicated.
5. Only generally recognized abbreviations are allowed in the abstract.
6. The text must be written (or printed) neatly, cleanly, legibly.
7. When preparing an abstract, visual means (color, graphics, computer graphics) and illustrations (photocopies, scanned drawings) can be used.

Requirements for the content of the abstract

1. The topic should be disclosed consistently, in accordance with the plan of the abstract, in full.
2. The abstract plan should include the following sections:
 1. Introduction.
 2. Conclusion.
 3. List of used literature.
3. The topic should be as fully disclosed as possible.
4. When writing an abstract, it is recommended to use modern textbooks, teaching aids and additional literature: publications in scientific medical and periodicals.

FOR NOTES: