

MINISTRY OF PUBLIC HEALTH OF REPUBLIC OF BELARUS

EDUCATION INSTITUTION
GOMEL STATE MEDICAL UNIVERSITY

DEPARTMENT OF _____

D I A R Y
of passing CLINICAL MEDICAL PRACTICE
FOR 5th YEAR STUDENTS
(SECTION OF THERAPY)

student of 5th year of the medical faculty _____ group

Surname _____

Name _____

Place of practice _____

Time of practical training
from « _____ » _____ 20____ year

to « _____ » _____ 20____ year

Reporting documents submitted _____ marked _____

(date)

Teacher _____

(signature) (full name)

Gomel

20_____

Duties of the student during practice

Obtain the practice referral from the Practice Department of the University, an individual assignment from the department, acquaint yourself with the practical training program and obtain a diary.

Arrive in due time at the practice site, pass instructing on the protection of labor, be acquainted with the internal rules of the health care institution, should have a paper on medical examinations.

Obtain and study the program of practice and individual task.

Comply with the rules of the internal labor regulations of the health care institution.

Learn and strictly follow the rules of labor protection and safety.

Be responsible for the work and its results equally with staff members.

Qualitatively and fully perform tasks according to the program of practice.

Every day keep a diary to record all performed work.

Actively participate in the public life of the organization.

Demonstrate careful attention to the patients and staff of health care institution, observe the principles of professional ethics and deontology.

Present report on implementation of all tasks of practice, health education conversation text and ERW (educational research work) to the practice supervisor in due time.

Pass differentiated credit-test on practice in due time.

The order of passing production practice

1. Provide the practice referral to the Human Resources Department.
2. Be trained on labor protection.
3. Be acquainted with organization of work and the structure of the hospital health care organization - practice base, and to give the characteristic of the department.
4. Be acquainted with the program of practice, guidelines for the passage of practice training, the list of practical skills, requirements to implement educational research work of students (ERWS) and health education.
5. Keep the practice diary and sign it daily with the senior nurse.
6. At the end of the practice the student fills out a report on the implementation of the practice program, summarizes the mastery of practical skills, indicates the information about the health care facility, department. Summary report must correspond to that number of manipulations, which is reflected in the diary on each day of the practice. The report should provide a list of practical skills mastered and their level of the mastery (1, 2 or 3).
7. The report is signed by the student, the direct supervisor of the practice from the organization (senior nurse, head nurse), approved by the head of the organization and certified by the seal of the health care organization.
8. Upon completion of the practice, the direct supervisor of the organization prepares a written review on the practical training of the student, where notes: a) completeness of practice program fulfillment and evaluation of quality of the per-

formed work; b) observance of the labor discipline, labor protection requirements, sanitary and epidemiological regime; c) characteristic of personal qualities (communication, moral, volitional).

Precondition for admittance for the differentiated credit test

1. The student who has completed the practice program and received a positive feedback from the Head of practice of the medical institution is admitted to the differential examination.
2. The student submits the signed diary of practice to the Head of practice from the Department, approved summary report and signed review, materials of the sanitary-educational work (text of the conversation, sanitary bulletin or memo, etc.) and ERWS (abstract, presentation, etc.).
3. Students who do not submit the report documents will not be allowed to take the differential credit.

Requirements for formatting the diary

1. The diary must be filled out daily, indicating the section, date and time of work (**time to indicate from 8.00-14.00**).
2. Every day in the column "Content of the performed work", the student displays all work performed in accordance with the practice program, its quantity and mastering level. The student specifies regulatory and medical documentations with which the student works, the name and dosage of applied medicines and disinfectants, the procedures, preparation for examination of patients and other.
3. At the end of the each working day, the diary is signed by the direct head of the practice from the organization (or the head nurse of the department) and periodically checked by the head of the practice from the university department.
4. Upon completion of practice, the student fills the report on completion of the practice program, summarizes the mastering practical skills, indicates information about health care institution and department.
5. Summary report must correspond to the number of manipulations, which is reflected in the diary for each day of the work. The report must provide a list of mastered practical skills with their mastering level (1, 2 or 3).
6. The report is signed by the student, the direct supervisor of the practice from the organization (senior nurse, head nurse), approved by the head of the organization and certified by the seal of the health care organization.
7. Health education and are recorded in the diary.
8. At the end of the practice, the direct supervisor of the organization draws up a written review on the passage of the practice by the student, which notes:
 - a) the completeness of the program practice and assessment the quality of the performed work;
 - b) compliance with labor discipline, labor protection requirements, sanitary-epidemic regime;
 - c) the characteristics of personal qualities (communication, moral, volitional).

Educational and research work of students (ERWS)

During the course of production practice, each student performs educational-research work (ERWS), which is issued in the form of abstract devoted to the work in the therapeutic department.

Students receive the task for the ERWS at the beginning of the practice from the supervisor of practice.

Results of ERWS are summed to the scientific-practical conference with supervisors from the health care institution where students act with reports on the performed work.

Students present materials of ERWS to the department of the of Internal Diseases No. 1 with courses in endocrinology and hematology of the Medical university at the end of practice.

ERWS is performed on the topic of _____

Health educational (sanitary-educational) work

During the course of production practice, the student must conduct at least 1 conversation on health educational topics among patients lasting about 5-10 minutes or submit sanitary bulletins/ memos. The topic of health educational work is coordinated with the supervisor of the practice during the first week of practice, and should be devoted to methods of prevention, treatment, and rehabilitation of patients in the hospital specialized department. The text of the conversation should be submitted for review to the head of the practice from the organization during the first week of practice and to the differentiated credit (in autumn). In preparation, students must use at least 2-3 literary sources.

Health education work

Date	Title of lectures, conversations	Number of present persons	Title of lectures, conversations

APPROVEDHead Physician _____
(signature)_____
(Full Name)

« ____ » _____ 20__ г.

Report on the execution of the practice program

№	Practical skills	Recommended		performed	
		number	level of mastering	num-ber	mastering level
1.	The total number of patients under observation	55	3		
	Medical work:				
2.	Examination of patients upon admission	30	3		
3.	Making patient diaries	55	3		
4.	Design of appointment sheets	55	3		
5.	Registration of discharge epicrisis	20	3		
6.	Emergency care (presence)	7	2		
7.	Emergency care (execution)	3	3		
8.	Registration of death certificates	1	1		
	Practical skills:				
9.	Blood pressure measurement	55	3		
10	ECG recording	10	2,3		
11	Transfusion of plasma and blood components	1	2		
12	Chest X-ray (presence)	20	2		
13	Bicycle ergometry (presence)	5	2		
14	Holter monitoring (presence)	5	2		
15	Ultrasound examination of the heart (presence)	5	2		
16	Ultrasound of the abdominal cavity (presence)	5	2		
17	Ultrasound of the thyroid gland (presence)	5	2		
18	Ultrasound of the vessels of the lower extremities (presence)	3	2		
19	Spirography (presence)	3	2		
20	Computed tomography (presence)	3	2		
21	Endoscopic examinations (presence)	5	2		
22	Interpretation of the general blood test	55	3		

23	Interpretation of biochemical blood analysis	55	3		
24	Interpretation of urine tests	30	3		
25	Interpretation of the analysis of feces, ascitic fluid, pleural effusion	20	3		
26	Interpretation and analysis of ECG, ultrasound, angiography and other studies	10	2		
	Participation in conferences:				
27	Morning (planning meetings)	11	2,3		
28	Clinical	1	2,3		
29	Pathoanatomic	1	2		
30	Participation in the appointment and conduct of physiotherapy procedures for supervised patients	15	2		
31	Conversations with patients	55	3		
32	Performing educational and research work on the chosen topic	1	3		

Student's signature _____

Direct supervisor of the practice
from the Health Organization

(signature)

Surname, Name, Patronymic

« _____ » _____ 20__ yr.

**REVIEW
of the practice**

Student _____

(Surname, Name, Patronymic, course, group)

have passed clinical medical practice in therapy
in _____ department of

(title of the Health Organization)

General head of the practice
from Heath Organization

(signature)

Surname, Name, Patronymic

« _____ » _____ 20 ____ yr.

Questions for differentiated credit test

Requirements for the level of preparedness of students who have completed medical clinical industrial practice in therapy

Students should have practical skills:

- 1..Subjective methods of examination of patients (questioning).
- 2.Physical methods of examination of patients (examination, anthropometry, palpation, percussion, auscultation).
- 3.Registration of medical documentation (upon admission to and discharge from the hospital, in cases of death of a patient, diagnosis of an oncological or infectious disease).
4. Prescription of medicines.
5. The technique of recording and decoding ECG in normal and in myocardial infarction, angina pectoris, cardiac arrhythmias (extrasystole, paroxysmal tachycardia, atrial fibrillation, blockades), ventricular and atrial hypertrophy, electrolyte disorders.
6. Diagnostic capabilities, indications, contraindications, interpretation of X-ray, ultrasound and endoscopic examination methods.
7. Interpretation of laboratory data (clinical and biochemical blood tests, general urine analysis, Nechiporenko urine analysis, Zimnitsky test, daily proteinuria, glomerular filtration rate, serum ascitic albumin gradient, glycemic profile, glucose tolerance test, daily glucosuria, prothrombin index, APTT).
8. Interpretation of laboratory data (clinical and biochemical blood tests, general urine analysis, Nechiporenko urine analysis, Zimnitsky test, daily proteinuria, glomerular filtration rate, serum ascitic albumin gradient, glycemic profile, glucose tolerance test, daily glucosuria, prothrombin index, APTT).
9. Interpretation of the results of the study of secretory function of the stomach and duodenal probing.
10. Pleural and abdominal punctures (technique, complications, indications, diagnostic value).
11. Sternal puncture, trepanobiopsy: an idea of the technique, interpretation of the data obtained
12. Performing intravenous injections
13. Indications, contraindications and methods of transfusion of blood components and blood substitutes.
14. Pulmonary-cardiac resuscitation.
15. Electrical defibrillation
16. Provide emergency care in case of:
 - in a hypertensive crisis
 - Acute coronary syndrome (unstable angina pectoris, acute myocardial infarction)
 - Acute left ventricular insufficiency (pulmonary edema)

- heart rhythm and conduction disorders (paroxysmal supraventricular and ventricular tachycardia, paroxysm of atrial fibrillation and flutter, Morgagni-Adams-Stokes syndrome, sinus node weakness syndrome, atrioventricular block)
- Pulmonary embolism
- an attack of bronchial asthma
- laryngeal edema
- pneumothorax
- Ketoacidotic coma
- hepatic coma
- uremic coma
- anemic coma
- cardiogenic shock
- anaphylactic shock
- infectious and toxic shock
- Hemorrhagic shock
- gastrointestinal bleeding
- pulmonary bleeding
- allergic reactions (Quincke's edema)
- renal colic
- hepatic colic
- syncopal conditions (with hemodynamic disorders, bleeding, cerebral circulatory disorders, eclampsia)
- poisoning of various origins (sleeping pills, alcohol, etc.)
- animal and insect bites
- hyperthermic syndrome
- Convulsive syndrome
- dehydration syndrome
- alcoholic delirium

Information for students of Overseas Students training Faculty

Overseas students are allowed to pass a production practice «Medical Clinical» in the country of which they are citizens, if the following conditions have been fulfilled:

- in case of availability in the country of which the foreign student is a citizen of a specialized organization that provides practical training of the student, in the volume provided for by the relevant practice program, in accordance with the educational standards of higher education of the Republic of Belarus in the specialties "Medical business";
- if there is a prior consent of the management of the health organization for traineeship of student without financial claims to the Education Institution «Gomel state medical university» (for citizens of the Russian Federation);

- provided that the organization's management issues a certificate that the student has completed the a production practice «Medical Clinical» outside of the CIS (The Commonwealth of Independent States (CIS) countries in English.

The student must provide on credit:

- **review of the practice** issued on the official letterhead of the organization and confirming the passage of production practice. The certificate must be certified by signature and corporate seal (but not personal seal immediate supervisor). The certificate should indicate the time and duration of the practice, the number of hours worked for each section of the practice, and give a brief characteristic of the student;

- **diary of the practice** (outside the CIS countries, the diary is kept only in English), filled in according to the established sample;

- **summary report** on the results of the practice, which indicates the list of skills learned and the number of manipulations performed. The report must be signed by the head of the institution and stamped by the institution;

- **report or educational-research work** , a report on a conversation on sanitary and educational topics in accordance with the guidelines.

If the student is not able to fulfill the above conditions, the practice can only be held in healthcare institutions in Gomel.