

MINISTRY OF HEALTH OF THE REPUBLIC OF BELARUS  
EDUCATIONAL INSTITUTION  
"GOMEL STATE MEDICAL UNIVERSITY"

**AGREED**

Dean of the Faculty of International  
Students of the educational  
institution "Gomel State Medical  
University"

K.N.Shcharbakova

27.04. 2026

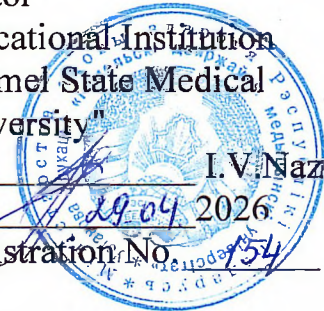
**APPROVED**

Rector  
Educational Institution  
"Gomel State Medical  
University"

I.V.Nazaranka

29.04. 2026

Registration No. 754



**TRAINEESHIP PRACTICE PROGRAM**  
**"NURSING**  
**WITH MANIPULATION TECHNIQUES"**  
**for the specialty**  
**7-07-0911-01**  
**"General Medicine"**  
**(Faculty of International Students)**

**3rd year**

The traineeship practice program is based on educational standard of higher education 7-07-0911-01-2023 in the specialty 7-07-0911-01 "General Medicine", approved and put into effect by the Resolution of the Ministry of Education and the Ministry of Health of the Republic of Belarus dated 01.09.2023 No. 302/127; the curriculum of the educational institution "Gomel State Medical University" in the specialty 7-07-0911-01 "General Medicine", approved by the rector of the university on 28.03.2023, registration No. L 7-07-0911-01/04-FIS.

**DEVELOPERS:**

A.L.Kalinin , Head of the Department of Propaedeutics of Internal Diseases, Doctor of Medical Sciences, Professor;

I.V.Paltsev , Associate Professor of the Department of Propaedeutics of Internal Diseases, Candidate of Medical Sciences, Associate Professor;

D.A.Evseenko , Associate Professor of the Department of Surgical Diseases No. 2, Candidate of Medical Sciences;

V.Z.Anjum , Senior Lecturer, Department of Surgical Diseases No. 2

**RECOMMENDED FOR APPROVAL:**

Department of Propaedeutics of Internal Diseases (protocol № 4 dated 03.04.2026) ;

Department of Surgical Diseases No. 2 (protocol №18 dated 03.04.2026) ;

Council of the Faculty of Medicine (protocol № 8 dated 24.04.2026);

Scientific and Methodological Council of the University (protocol № 5 dated 27.04.2026)

## EXPLANATORY NOTE

**The purpose** of the traineeship practice "Nursing with manipulation techniques" is to consolidate, deepen and systematize the knowledge obtained during the theoretical training, to acquire professional skills and abilities by students in the specialty 7-07-0911-01 "General Medicine", to acquire practical experience, to develop professional thinking, and to test the ability of the future specialist to independently perform professional functions.

**The objectives** of the traineeship practice "Nursing with manipulation techniques" are the acquisition and consolidation of skills in providing medical care to patients in outpatient and inpatient settings.

**In total**, 216 academic hours are allocated for the traineeship practice "Nursing with manipulation techniques" over 4 weeks after the end of the 6th semester, of which 144 classroom hours and 72 hours of independent student work.

### **General issues of organization and quality control of the implementation of the internship program**

General management of traineeship practice is carried out by the practice supervisor from the university, direct management is carried out by practice supervisors from the Department of Propaedeutics of Internal Diseases, Department of Surgical Diseases No. 2 .

Students undergo training at internship facilities approved by the order of the Ministry of Health of the Republic of Belarus, on the basis of an order from the university rector and contracts concluded with healthcare organizations.

At the internship sites, overall management of training is performed by the head of the healthcare organization or their deputy. Direct management of training is performed by a healthcare organization employee, selected from among the most qualified specialists, appointed by order of the head of the healthcare organization.

Oversight of the internship program implementation and advisory support are assigned to internship supervisors from departments and healthcare organizations, while the approval of differentiated credit is assigned to internship supervisors from departments. A representative of the internship site may be involved as an expert in the approval of differentiated credit.

**Midterm assessment** is carried out in the form of differentiated credit during the first weeks of the next academic year.

Differentiated credit is accepted if the student has a diary of the internship, a written report on the implementation of the internship program, a written review of the student's internship . Educational, research and health education work are also taken into account.

The differentiated test includes a demonstration of the practical skills acquired by the student at the university's simulation equipment.

## **CONTENTS OF PRACTICE**

### **1. Work in the admissions department of a hospital**

1.1. Structure and organization of the admissions department. Patient admission and registration. Sanitary treatment of patients.

Familiarization with the organization and operating features of the admissions department; the sequence of admission and sanitary treatment of incoming patients; anthropometric measurements; methods of patient transportation; preparation of medical documentation; methods of providing first (pre-hospital) aid for traumatic injuries, poisoning, burns, bleeding, etc.

Preparation of patient documentation, filling out medical documentation upon admission and discharge of patients (front page of the inpatient card and statistical card, patient registration log);

Conducting a superficial examination for scabies and pediculosis, possible infectious and skin diseases; measuring the patient's body temperature, height, and weight; accompanying the patient to the doctor's office; sanitary and hygienic treatment of patients; transporting the patient to the inpatient department.

Provision of emergency medical care, as directed by the physician on duty, for various emergency conditions – bleeding, shock, asthmatic and comatose states, convulsions, uncontrollable vomiting, acute pain attacks (angina, renal and hepatic colic), collapse, traumatic injuries, etc.

### **2. Work in a hospital clinical laboratory**

2.1. Performing nursing procedures. Mastering practical skills. Completing documentation.

Familiarization with the structure and organization of work of a clinical laboratory.

Conducting a complete blood count (white blood cell count, red blood cell count, hemoglobin, ESR determination); urine analysis (determination of protein, glucose, acetone, bilirubin, urobilin, microscopy of urinary sediment); analysis of feces, duodenal contents, sputum, pleural and ascitic fluid.

### **3. Work in the therapeutic department of a hospital**

3.1. Structure and organization of the therapeutic department. Treatment and protective regime. Organization of the work of the nurse's station. Duties of the ward nurse. Rules for accepting and handing over shifts. Diagnostic and therapeutic procedures of the therapeutic department nurse.

Getting to know Department regime: work schedule, patient admission procedure, documentation, procedure for accepting and handing over nurse duties and the procedure for conducting rest hours, visiting and transfers; rules for prescribing and storing medications, narcotic and toxic substances, potent drugs, sterile solutions and medical instruments, prescriptions; sanitary regime of wards, food block, corridors, toilets and other premises; dietary nutrition of patients - preparation of portion requirements, dietary tables, feeding seriously ill patients, sanitary regime in the distribution area, procedure for storing food.

Monitoring and caring for patients: determining blood pressure, pulse and respiratory rate, measuring body temperature, recording it digitally and graphically, distributing medications, changing linens, preventing bedsores, feeding patients.

Mastering the technique of intradermal, subcutaneous, intramuscular and intravenous injections, methods of disinfection and pre-sterilization processing of medical items and devices; independent implementation of doctor's orders to prepare patients for X-ray examination, rectoscopy, urine collection for Nechiporenko and Zimnitsky samples; performing all types of enemas (cleansing, siphon, microclysters); catheterization of the bladder with a soft catheter; providing emergency care in case of bleeding, angina pectoris, uncontrollable vomiting, poisoning, asthmatic and comatose states, etc.; registration of requests for prescribing medications from the pharmacy in accordance with prescriptions.

3.2. Preparing patients for laboratory and instrumental examination methods. Rules for completing medical documentation

Preparing patients for X-ray examinations, FGDS, and colonoscopy; conducting all examinations in conjunction with a physician before a blood transfusion, determining blood type and Rh compatibility.

Rules for the preparation of medical documentation, preparation of requirements for prescribing medications from a pharmacy in accordance with prescriptions.

3.3. Structure and organization of the procedure room. Functional responsibilities of the procedure room nurse. Documentation and equipment of the procedure room. Ensuring the safety of the procedure room nurse in the workplace.

Familiarization with the structure and organization of the procedure room. The procedure room nurse's responsibilities include: intradermal, subcutaneous, intramuscular, and intravenous injections, disinfection, and pre-sterilization treatment of medical items and devices.

Completing medical documentation for the procedure room. Ensuring the safety of the procedure room nurse in the workplace.

#### **4. Work in the surgical department of a hospital**

4.1. Structure and organization of the surgical department. Treatment and protective regime. Organization of the work of the nurse's station. Job responsibilities of the nurse on duty. Rules for accepting and handing over shifts. Diagnostic and therapeutic procedures of the nurse of the surgical department.

Familiarization with: the surgical department regime: work schedule, patient admission procedure, documentation, the procedure for accepting and handing over nurse duties and the procedure for conducting rest hours, visiting and transfers; rules for prescribing and storing medications, narcotic substances, potent drugs, sterile solutions and medical instruments, prescriptions; sanitary regime of wards, food block, corridors, toilets and other premises; dietary nutrition of patients - preparation of portion requirements, dietary tables, feeding seriously ill patients, sanitary regime in the distribution area, procedure for storing food.

Diagnostic and therapeutic procedures performed by a nurse in the surgical department: Determination of blood pressure, pulse and respiratory rate, measurement of body temperature, its digital and graphic recording, distribution of medications, change of linen, prevention of bedsores, feeding of patients; intradermal, subcutaneous, intramuscular and intravenous injections, disinfection and pre-sterilization treatment of medical items and devices; preparation of patients for X-ray examination, performance of all types of enemas (cleansing, siphon, microclysters); catheterization of the bladder with a soft catheter; provision of emergency care in case of bleeding, angina pectoris, uncontrollable vomiting and comatose states, etc.; conducting research together with a doctor before blood transfusion, determination of blood type and Rh compatibility; collection of secretions (urine, feces, sputum, etc.) for analysis.

4.2. Structure and organization of the dressing room. Nurse's duties. Documentation and equipment of the dressing room. Ensuring the safety of the dressing room nurse in the workplace.

Familiarization with the structure and organization of the dressing room. Performing the functional duties of a dressing room nurse: applying bandages and other dressings, performing clean and purulent dressings; participating in minor surgeries, various diagnostic and therapeutic procedures under the supervision of a physician; sterilizing the surgical table; preparing sterilization boxes, materials, and instruments; storing and recording the consumption of linen, instruments, dressing materials, and medications; preparing for the disposal of medical waste.

Completing medical documentation for the dressing room. Ensuring the safety of the dressing room nurse in the workplace.

## **5. Work in the operating room**

5.1. Structure and organization of work in the operating room. Carrying out nursing procedures, mastering practical skills. Completing documentation.

Familiarization with the structure and organization of the operating unit.

Mastering practical skills in nursing procedures in the operating room: preparing the operating room, surgical instruments, linens, sutures, and dressings; preparing the patient for surgery; providing postoperative care; preventing postoperative complications; and performing initial disinfection of the instruments used.

Maintaining medical records and providing first aid in emergency situations. Maintaining sanitary and hygienic conditions in the facility, aseptic and antiseptic procedures, and sterilizing instruments and materials.

## **6. Work in the admission and diagnostic department**

6.1. Structure and organization of work in the admission and diagnostic department, implementation of laboratory and instrumental diagnostic methods; transportation of patients to the surgical department

Reception and registration of patients; initial examination of patients and performance of necessary laboratory and instrumental diagnostic methods; provision of various types of emergency medical care; sanitary and hygienic treatment of

patients; preparation of medical records; transportation of patients to the surgical department.

**INFORMATION AND METHODOLOGICAL PART**  
**CALENDAR AND THEMATIC PLAN OF PRACTICE**

Title of the practice section, name of the work	Number of days	Number of classroom hours
<b>1. Work in the admissions department of a hospital</b>	<b>1</b>	<b>7</b>
1.1. Structure and organization of the admissions department. Patient admission and registration. Sanitary treatment of patients.	1	7
<b>2. Work in a hospital clinical laboratory</b>	<b>1</b>	<b>7</b>
2.1. Performing nursing procedures. Mastering practical skills. Completing documentation.	1	7
<b>3. Work in the therapeutic department of a hospital</b>	<b>8</b>	<b>56</b>
3.1 . Structure and organization of the therapeutic department. Treatment and protective regime. Organization of the work of the nurse's station. Duties of the ward nurse. Rules for accepting and handing over shifts. Diagnostic and therapeutic procedures of the therapeutic department nurse.	3	21
3.2. Preparing patients for laboratory and instrumental examination methods. Rules for completing medical documentation	2	14
3.3. Structure and organization of work of the procedural room. Functional responsibilities of a procedure room nurse . Documentation and equipment of the procedure room. Ensuring the safety of the procedure room nurse in the workplace.	3	21
<b>4. Work in the surgical department of the hospital</b>	<b>7</b>	<b>49</b>
4.1 . Structure and organization of the surgical department. Treatment and protective regime. Organizing the work of a nurse's station. Duties of a nurse on duty. Rules for accepting and handing over shifts. Diagnostic and therapeutic procedures performed by a nurse in the surgical department.	4	28
4.2. Structure and organization of work of the dressing room. Nurse responsibilities. Documentation and	3	21

equipment for the dressing room. Ensuring the safety of the dressing room nurse in the workplace.		
<b>5. Work in the operating room</b>	<b>2</b>	<b>14</b>
5.1. Structure and organization of the operating room. Nursing procedures, acquisition of practical skills. Completion of documentation.	2	14
<b>6. Work in the admission and diagnostic department</b>	<b>1</b>	<b>7</b>
6.1. Structure and organization of work in the admission and diagnostic department, implementation of laboratory and instrumental diagnostic methods; transportation of patients to the surgical department	1	7
<b>USRS</b>		<b>4</b>
<b>Total:</b>	<b>20</b>	<b>144</b>

### **ON THE RESPONSIBILITIES AND RIGHTS OF TRAINEESHIP PRACTICE SUPERVISORS AND STUDENTS**

#### **Responsibilities of the Head of the Practice Base:**

1. Conclusion of agreements with the medical university on organizing student internships;
2. Issuing an order on the enrollment of students for practical training in accordance with agreements on the organization of student practical training and the appointment of practical training supervisors from the organization;
2. Approval of the internship schedule;
3. Familiarization of students with the practical training base and internal work regulations;
4. Creating the necessary conditions for students to undergo internship and complete its program;
5. Conducting introductory training on occupational safety by specialists of the occupational safety service;
6. Involving students in work provided for by the internship program;
7. Approval of a written report on the implementation of the internship program.

#### **Responsibilities of the internship supervisor from the organization:**

1. Introduces students to the specifics of professional activity and the documentation required to complete the internship program;
2. Assigns students to work places in accordance with the internship schedule;
3. Ensures that initial (at the workplace) safety training is conducted on the types of work performed by students;
4. Provides advice to students in completing work stipulated by the internship program;

5. Signs a written report on the implementation of the internship program and prepares a written review of the student's internship;
6. Promptly informs the head of the internship base and internship supervisors from the departments of the medical university about the absence of students at the internship base, their failure to complete the internship program, violation of internal work regulations, and the requirements of local legal acts on labor protection;
7. Makes suggestions for improving practice.

### **Responsibilities of the University Internship Supervisor:**

1. Prepares draft orders on general issues of organizing and conducting internships;
2. Conducts verification of contracts concluded between the medical university and practice bases;
  1. Organizes, if necessary, medical examination of students;
  2. Monitors the progress of practice, analyzes and summarizes its results;
  3. Together with departments and faculties, it is working to improve the process of conducting practical training;
4. Conducts organizational work to ensure settlements with internship supervisors from organizations and with other employees of the internship base for conducting lectures, consultations, seminars and excursions provided for by the internship program;
5. Analyzes annual reports from faculties on the results of the implementation of internship programs and, based on these reports, prepares a report on the quality of internships in the past academic year.

### **Responsibilities of the internship supervisor from the university department:**

1. Develops an internship program for an academic discipline or specialty;
2. Introduces students to the goals, objectives and program of the internship, provides them with information about the internship bases;
3. Prepares proposals for the distribution of students to practice sites and candidates for practice group leaders;
4. Conducts visits to practice sites to check their readiness to receive students, provides information on the readiness of practice sites to the practice supervisor from the faculty of the medical university;
5. Participates in course meetings on organizational and methodological issues;
6. Provides advice to students in completing assignments specified in the internship program;
7. Identifies and promptly corrects deficiencies during the internship, and, if necessary, reports them to the internship supervisor from the faculty of the medical

university, the internship supervisor from the organization, and the head of the internship base;

8. Checks and evaluates reporting documentation, accepts differentiated credit;
9. Analyzes the implementation of internship programs, discusses its results at a department meeting;
10. Participates in the work of the faculty council and department meetings when discussing issues related to the preparation, conduct and summing up of the internship;
11. Makes suggestions for improving practice.

### **Responsibilities of the group leader:**

1. Communicates to students the necessary information on the organization and conduct of internships;
2. Together with the internship supervisor from the organization, participates in drawing up the internship schedule and communicates it to the students;
3. Promptly informs the internship supervisor from the organization and the internship supervisor from the medical university department about violations by students of the internship schedule, labor protection rules, and internal work regulations.

### **Student responsibilities:**

1. Participates in course meetings on organizational and methodological issues of practice;
2. Undergoes a medical examination if necessary;
3. Completes occupational safety training as required by law;
4. Complies with the requirements for safe performance of work in the workplace;
2. Complies with the internal work regulations of the internship base;
3. Complies with the rules and norms of medical ethics and deontology;
4. Keeps a practice diary;
5. Carries out the orders of the head of the practice base and the head of the organization's practice;
6. Prepares and submits to the head of the department from the medical university timely reporting documentation on the implementation of the internship program, as provided for by the internship program.

A student who has not completed the internship program and (or) received a negative review of the internship from the internship supervisor from the organization and (or) an unsatisfactory grade when passing the differentiated test, by order of the rector of the medical university, is sent again (no more than once) to undergo internship in time free from classes in order to complete the internship program in full.

### **The student has the right:**

1. Study the documentation of the internship base in the scope of tasks defined by the internship program;
2. Contact the internship supervisor from the faculty of the medical university, the internship supervisor from the department of the medical university, the internship base supervisor, the internship supervisor from the organization, other employees of the medical university and the internship base on organizational, methodological and other issues that arise during the internship;
3. Make suggestions for organizing and conducting internships;
4. Participate in providing medical care to patients, ensuring the sanitary and epidemiological well-being of the population, and engaging in activities related to the circulation of medicines and medicinal plant materials;
5. Receive a scholarship during the internship;
6. Attend meetings and educational events based on practice;
7. Be provided with the necessary personal protective equipment in accordance with the requirements of the standard standards for the free distribution of personal protective equipment to employees of a healthcare organization.

During the internship, the student must have: a medical gown, a cap, change of shoes, and the “Summary Report” reporting documentation.

Teachers and the group leader monitor students' work time. For serious violations of internal regulations or discipline, a student may be suspended from further internships.

### **Topics AND FORMS OF SANITARY AND EDUCATIONAL WORK**

Students are assigned to conduct public health education at the beginning of their internship. During their internship, they must conduct at least one discussion or prepare a public health bulletin on relevant topics.

#### **Recommended topics for health education work :**

1. Personal hygiene of patients.
2. Prevention of diseases (flu, intestinal infections, etc.).
3. First aid in emergency situations (poisoning, drowning, bleeding, cardiovascular diseases).
4. About the dangers of smoking.
5. Vitamins and health.
6. Modern methods of hardening.
7. Rational nutrition.
8. Prevention of intestinal infections.
9. HIV infection prevention measures.
10. Carefully - tuberculosis!
11. Prevention of sexually transmitted diseases.
12. What to do if you are bitten by a tick?
13. Diet for patients with cardiovascular diseases.

## **METHODOLOGICAL RECOMMENDATIONS FOR ORGANIZATION AND IMPLEMENTATION STUDENT'S EDUCATIONAL AND RESEARCH WORK (ERSW)**

The student's educational and research work is planned within the hours allocated by the curriculum (appendix to the curriculum) for the student's guided independent work.

Students receive the assignment for conducting the practical training at the beginning of their internship from their supervisor. The supervisor assists students in selecting the necessary literature.

### **Recommended ERSW topics for therapy :**

1. Modern disinfectants. Classification. Rules for preparing disinfectant solutions.
2. Sanitary and anti-epidemic regime of the therapeutic , surgical and admission departments.
3. Fundamentals of therapeutic nutrition.
4. First aid for chest pain, cough, hemoptysis and pulmonary hemorrhage.
5. Features of observation of newborn children.
6. Features of observation and care of elderly and senile patients.
7. Duties of nurses and junior medical staff of medical institutions.
8. Basic principles of a healthy lifestyle.
9. First aid for angina pectoris, myocardial infarction, collapse, fainting, hypertensive crisis, asthma attack.
10. The concept of resuscitation. Peculiarities of the work of medical personnel in the intensive care unit. Resuscitation measures.
11. History of nursing.
12. Ethical foundations of nursing.
13. Relationships between nurses and doctors in the medical team.
14. Modern methods of prevention and treatment of bedsores.
15. Methods of inhalation therapy.
16. Approaches to outpatient oxygen therapy for patients with chronic respiratory diseases.
17. Basics of dietary nutrition for various diseases (select a specific group of diseases).
18. Anaphylactic shock and measures of assistance in case of it.
19. Post-injection complications.

### **Recommended topics for ERSW in surgery :**

1. Sanitary and epidemiological regime of the surgical department.

2. Modern aspects of antibacterial therapy.
3. Asepsis: in legal and regulatory acts.
4. Penetrating wounds of closed cavities, clinical presentation, diagnostics, treatment tactics.
5. Features of gunshot wounds, treatment tactics.
6. Modern transfusion media, indications for use.
7. Transfusion of blood components (blood substitutes), indications and contraindications.
8. Complications during transfusion of blood and its components.
9. Closed injuries (chest/ abdominal organs ), clinical presentation, diagnosis and treatment.
10. Modern materials (instruments, dressings, etc.) in surgery.
11. Planned and emergency prophylaxis of tetanus in surgery.
12. Sanitary and epidemiological measures in a surgical hospital upon admission of a patient with anaerobic clostridial infection.
13. Prevention of HIV infections (hepatitis) in surgery.
14. Chronic venous (arterial) insufficiency, classification, clinical presentation, diagnosis, treatment.

The student presents a paper on the topic of ERSW at a nursing department conference. The report on the completed work is presented as an abstract and must be submitted to the department upon completion of the internship. At least two to three sources are used in preparing the abstract: methodological materials and regulatory documents on nursing care and sanitary and anti-epidemic measures (orders of the Ministry of Health of the Republic of Belarus, instructions, and methodological recommendations), journals for mid-level medical workers, and manuals on general patient care and emergency care.

### **LIST OF LEARNING OUTCOMES**

Upon completion of the traineeship practice “Nursing with manipulation techniques” **the student must**

**know :**

organization of the work of medical personnel in healthcare institutions, general and sanitary regime of the hospital;

structure and functions of hospital departments; documentation;

the regime of healthcare institutions (internal regulations, sanitary and hygienic maintenance of medical institutions, personal hygiene of patients and staff, individual regime of patients);

organization of work of the nursing station; duties of the ward nurse, nurse of the procedure room;

principles of general patient care, body temperature measurement, and patient dietary nutrition;

Methods of administration of medicines: prescribing and storing medicines in the department; dispensing medicines; routes of administration of medicines; subcutaneous injections; intramuscular injections; intravenous injections and drip infusions;

determination of blood type and Rh factor;

Theoretical principles and rules for monitoring and caring for patients with impaired respiratory function; administration of humidified oxygen; assisting the physician during pleural puncture; counting respiratory rate; collecting sputum;

theoretical foundations and rules for monitoring and caring for patients with cardiovascular disorders; measurement of blood pressure, pulse rate;

Theoretical principles and rules for monitoring and caring for patients with gastrointestinal disorders; gastric lavage; duodenal intubation; performing enemas; insertion of a gas outlet tube; preparation of patients for X-ray examination of the gastrointestinal tract and other instrumental examination methods;

Theoretical principles and rules for monitoring and caring for patients with renal and urinary tract disorders; bladder catheterization; urine collection for general urine analysis, urine analysis according to Nechiporenko, Zimnitsky ; determination of daily diuresis; preparation of patients for radiographic examination of the kidneys;

principles of providing first aid for angina pectoris, myocardial infarction, collapse, fainting, hypertensive crisis, asthma attack, anaphylactic shock, hypoglycemic and hyperglycemic coma;

basic rules and methods for conducting health education work with patients;

**be able to:**

carry out sanitary treatment of patients, anthropometry, and transportation of patients to hospital departments;

maintain the main types of medical documentation for a nurse, accept and hand over shifts;

carry out elements of general patient care: care of the oral cavity, ears, nasal cavity, eyes, skin; prevention of bedsores; change of bed linen and underwear; use of bedpans;

distribute food to patients, provide artificial nutrition to patients;

measure body temperature, disinfect and store thermometers, keep a temperature record;

distribute medications;

perform subcutaneous, intramuscular, intravenous injections and drip infusions;

determine blood types and Rh factor;

monitor and care for patients with impaired respiratory function: administer humidified oxygen; assist the physician during pleural puncture; count respiratory rate; collect sputum;

monitor and care for patients with cardiovascular disorders: measure blood pressure, pulse rate;

monitor and care for patients with gastrointestinal disorders; gastric lavage; duodenal intubation; performing enemas; inserting a gas tube; preparing patients for

X-ray examination of the gastrointestinal tract and other instrumental examination methods;

monitor and care for patients with renal and urinary tract dysfunction; catheterization of the bladder; collection of urine for general urine analysis, urine analysis according to Nechiporenko, Zimnitsky ; determination of daily diuresis; preparation of patients for radiographic examination of the kidneys;

provide first aid in case of angina pectoris, myocardial infarction, collapse, fainting, hypertensive crisis, asthma attack, anaphylactic shock, hypoglycemic and hyperglycemic coma;

conduct health education work with patients;

**own:**

techniques for performing nursing diagnostic and therapeutic procedures;

skills in performing injections and infusions ;

skills in inserting a peripheral venous catheter;

methods of distributing medications and conducting thermometry;

skills in measuring blood pressure and pulse characteristics on the radial arteries and counting the respiratory rate;

skills in preparing patients for laboratory and instrumental examination methods.

As a result of their internship, students should not only acquire practical skills and reinforce theoretical knowledge, but also develop their value-based and personal potential, develop the qualities of a patriot and citizen prepared to actively participate in the economic, traineeship, socio-cultural, and social life of the country, understand the social significance of their future professional activities, and learn to adhere to academic and work discipline, as well as medical ethics and deontology.

**LIST OF PRACTICAL SKILLS AND THE RECOMMENDED LEVEL OF THEIR MASTERY**

Levels of mastery of practical skills:

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

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

3 - know theoretically, do it yourself.

**LIST OF PRACTICAL THERAPY SKILLS**

No.	Practical skill	Recommended	
		Quantity	Level of development
1	Preparation of working disinfectant solutions	5	3
2	Determining human height and body weight	10	3
3	Determining chest circumference	10	3

4	Counting the number of respiratory movements	20	3
5	Transporting a patient on a wheelchair, stretcher, or manually on a stretcher	20	3
6	Changing underwear and bed linen for a seriously ill person	5	3
7	Submission of the vessel	5	3
8	Washing the patient	5	3
9	Carrying out oral hygiene	5	3
10	Instilling eye drops and rinsing the eyes	5	3
11	Ability to apply eye ointment to the lower eyelid from a tube and with an eye spatula	5	3
12	Putting drops into the ears	5	3
13	Carrying out ear cleaning	5	3
14	Carrying out nasal toilet	5	3
15	Instillation of nasal drops	5	3
16	Measuring body temperature and recording the measurement data on a temperature sheet	20	3
17	Applying a local warming compress to the limbs and ear	1	1,2,3
18	Applying a cold compress	1	1,2,3
19	Preparing and serving a heating pad to the patient	1	1,2,3
20	Preparing and serving ice packs	1	1,2,3
21	Rubbing, rubbing, and lubricating the skin with a medicinal product	5	3
22	Distribution of tablets, powders, capsules, solutions, mixtures, drops	20	3
23	A set of medicinal solution consisting of an ampoule and a vial	20	3
24	Calculating the insulin dose when filling into a syringe and administering it	5	2,3
25	Antibiotic dilution	5	2,3
26	Intradermal injection	5	1,2,3
27	Subcutaneous injection	20	2,3
28	Intramuscular injection	20	2,3
29	Intravenous injection	20	2,3
30	Filling the system for intravenous drip infusion of medicinal substances	20	2,3
31	Carrying out intravenous drip infusion	20	2,3
32	Administration of drugs using a peripheral venous catheter	5	2,3
33	Taking blood with a syringe and vacuum systems for biochemical analysis and other types of	5	2,3

	research		
34	Applying a tourniquet to the shoulder	1	2,3
35	Determination of blood groups, individual compatibility, Rh compatibility, conducting a biological test	5	1,2
36	First aid for sudden shortness of breath (choking)	1	1,2,3
37	Collection of sputum for laboratory testing	1	1,2,3
38	Collection of sputum for bacteriological examination.		
39	First aid for hemoptysis.	1	1,2,3
40	Conducting oxygen therapy using various methods	1	1,2,3
41	Teaching the patient how to use a pocket inhaler	1	1,2,3
42	Calculating the pulse rate on the radial artery	20	3
43	Measuring blood pressure	20	3
44	First aid for vomiting	1	1,2,3
45	Conducting an examination of the oral cavity	5	3
46	Taking a swab from the throat and nose for bacteriological examination	1	1,2,3
47	Gastric lavage using a probe method	1	1,2,3
48	Insertion of a gas vent tube	1	1,2,3
49	Setting up a cleansing enema	1	1,2,3
50	Setting up a siphon enema	1	1,2,3
51	Setting up an oil enema	1	1,2,3
52	Setting up a hypertonic enema	1	1,2,3
53	Taking a stool sample for bacteriological examination	1	1,2,3
54	Determination of water balance	5	3
55	Collection of urine for laboratory testing	5	3
56	Conducting the Zimnitsky test	1	1,2,3
57	Carrying out catheterization with a soft catheter in men and women	1	1,2,3
58	Conducting artificial ventilation of the lungs	1	1,2
59	Performing indirect cardiac massage	1	1,2
60	Providing first aid in cases of angina pectoris, myocardial infarction, collapse, fainting, hyperthermia, hypertensive crisis, asthma attack, anaphylactic shock, hypoglycemic coma.	5	1,2,3

#### LIST OF PRACTICAL SKILLS IN SURGICAL

No.	Name of the completed	Recommended
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p/p	work	Quantity	Level of development
<b>I. Work in the admission and diagnostic department</b>			
1	Registration of incoming patients	3	1
2	Filling out the title page of the medical history, statistical card	3	1
3	Sanitary treatment of patients: <ul style="list-style-type: none"> <li>• planned</li> <li>• emergency</li> </ul>	2	1
4	Transporting patients to the surgical department	3	2
5	Administration of antitetanus serum, anatoxin	1	1
<b>II. Work in the surgical department</b>			
6	Measuring blood pressure	10	5
7	Intramuscular injections performed	20	15
8	Subcutaneous injections performed	10	5
9	Intravenous injections performed	10	4
10	Infusion of blood substitutes	5	2
11	Participation in the transfusion of blood products	5	2
12	Gastric lavage	2	1
13	Setting enemas (cleansing, siphon, medicinal, nutritional)	5	2
14	Enteral nutrition of patients	3	1
15	Pre-disposal treatment of syringes	1	1
16	Number of dressings	10	6
17	Removing sutures from a postoperative wound	3	1
18	Participation in the application of plaster casts	3	1
19	Removing plaster casts	3	1
20	Catheterization of the bladder	2	1
<b>III. Work in the operating room</b>			
21	Hand treatment for surgery (by _____ method)	3	2
22	Putting on sterile clothing yourself	3	1
23	Putting on sterile clothing for the surgeon	3	1
24	Participation in an operation as an assistant operating nurse	3	1
25	Participation in setting the large and small instrument tables	3	1
26	Pre-sterilization processing of surgical instruments	3	1
27	Sterilization of surgical instruments	3	1
28	Preparation of dressing material (balls, napkins, turundas, etc.)	2	1

29	Placing dressings and surgical linen in boxes	2	1
30	Working as a nurse anesthetist assistant	2	1
31	Participation in the administration of anesthesia	2	1
32	Cleaning of anesthesia equipment after anesthesia administration	2	1

## **T REQUIREMENTS FOR CONTENT AND DESIGN**

### **STUDENT'S REPORTING DOCUMENTATION ON TRAINEESHIP PRACTICE**

Upon completion of the internship, the student submits the following reporting documentation:

- traineeship practice diary (Appendix 1),
- report on the implementation of the internship program (Appendix 2),
- feedback from the internship supervisor from the organization regarding the student's internship (Appendix 3);

The diary is a document recording the implementation of the traineeship practice program.

During the final week of the internship, the student prepares a report on the completion of the internship program. The report must be signed by the student, the internship supervisor from the organization, and approved by the head (or deputy head) of the internship site.

At the end of the internship, the internship supervisor from the organization prepares a written review of the student's internship.

### **LIST OF QUESTIONS FOR PREPARATION FOR THE DIFFERENTIATED CREDIT FOR THERAPY**

1. The main provisions of the law on healthcare of the Republic of Belarus.
2. Responsibilities of nurses and junior medical staff in medical institutions.
3. Basic principles of medical ethics and deontology.
4. Hospital admission department: arrangement and equipment, reception and registration of patients.
5. Patient sanitization (full and partial) in the hospital admissions department. Patient transportation options to hospital treatment departments.
6. Sanitary and anti-epidemic regime of the admission department.
7. Therapeutic treatment department: layout and equipment. Internal regulations and treatment and protective regime.
8. Organization of the work of the nurse's post, her duties, acceptance and handover of duties.
9. Medical documentation of a nurse in a hospital treatment department.
10. Sanitary and epidemiological regime of the therapeutic department.
11. Understanding personal hygiene for the patient. Changing bed linen and underwear.

12. Basic patient movement patterns. Types of patient positions.
13. Skin care. Bedsores, their prevention and treatment.
14. Care of the patient's oral and nasal cavity, eyes, ears and hair.
15. Perineal care, washing and douching of the patient.
16. The concept of therapeutic nutrition and dietary tables.
17. Compiling and writing out a portion list . Food distribution procedure.
18. Feeding of severely ill, weakened and elderly patients in bed.
19. The concept of artificial nutrition for patients. Indications for use, types.
20. Methods for measuring body temperature. Thermometer design, storage, and disinfection. Filling out temperature sheets.
21. The concept of fever. Periods of fever. Types of fever. Care of febrile patients.
22. Mechanism of action, indications and contraindications, technique of applying mustard plasters and cupping.
23. Mechanism of action, indications and contraindications, and techniques for applying warming and cold compresses. Ice pack and heating pad application techniques.
24. Monitoring patients during simple physiotherapy procedures. Complications and emergency care.
25. Prescribing, receiving, recording, storing and distributing medicines in the hospital's therapeutic department.
26. General characteristics of routes of drug administration. Enteral drug administration.
27. External routes of drug administration. Use of ointments, solutions, powders, and patches.
28. Parenteral drug administration. Syringe and needle design and types.
29. Assembling a sterile syringe. A set of medications from ampoules and vials. Rules for diluting antibiotics.
30. Subcutaneous and intramuscular injection techniques. Preparing the patient's skin for injection. Administration of oil solutions and bicillin .
31. Complications of subcutaneous and intramuscular injections, their prevention.
32. Intravenous injection techniques. Complications and their prevention.
33. Intravenous drip technique. Preparing and filling the IV drip system. Complications and their prevention.
34. Technique for insertion , care and removal of peripheral venous catheter.
35. Method of blood collection for research.
36. The concept of allergic reactions, anaphylactic shock, first aid.
37. Bloodletting technique. Possible complications and their prevention.
38. General care for patients with respiratory diseases. Specific aspects of care and monitoring for elderly and senile patients.
39. Sputum collection for analysis. Disinfection of spittoons.
40. First aid for suffocation caused by respiratory diseases. Instructions for using a pocket inhaler.

41. Oxygen therapy methods. Safety precautions when working with oxygen. The concept of hyperbaric oxygenation .
42. First aid for chest pain, cough, hemoptysis and pulmonary hemorrhage.
43. Pleurocentesis . Technique, complications and their prevention.
44. Study of pulse rate and other characteristics, its digital and graphic recording. Blood pressure measurement techniques. Methodology for monitoring fluid balance in patients with circulatory diseases.
45. General care for patients with circulatory diseases. Specific aspects of monitoring and care for elderly and geriatric patients.
46. Providing first aid for pain in the heart area, high blood pressure, fainting, and suffocation associated with diseases of the circulatory system.
47. Providing first aid for vomiting. Collecting vomitus for testing and sending it to the laboratory.
48. Gastric lavage. Indications, methods, and technique. Patient preparation and necessary equipment. Specific aspects of gastric lavage in unconscious patients.
49. Preparing the patient for X-ray and endoscopic examination of the stomach.
50. Duodenal intubation: purposes, indications, technique, accessories, possible complications, their prevention.
51. Providing first aid for abdominal pain and gastrointestinal bleeding.
52. Stool collection for testing. Preparing the patient for stool collection for occult blood.
53. Gas tube insertion technique. Indications. Possible complications and their prevention.
54. Enemas and their types. Indications and contraindications for administration. Disinfection and storage of enema systems and tips. Possible complications during enema administration and their prevention.
55. Cleansing enemas. Indications and administration technique.
56. Siphon enemas. Indications and administration technique.
57. Medicinal enemas. Indications and administration technique.
58. Hypertonic enemas. Indications and administration technique.
59. Oil enemas. Indications and administration technique.
60. Preparing the patient for X-ray and endoscopic examination of the intestine.
61. Observation of the patient's urination, its frequency and nature.
62. Urine collection for testing, submission to the laboratory. Rules for collecting urine for laboratory determination of glucosuria . Zimnitsky test .
63. Treatment for acute urinary retention. Understanding bladder catheterization. Types of catheters. Soft catheterization technique, complications, and their prevention.
64. Preparing the patient for an X-ray examination of the kidneys and urinary tract.
65. Caring for patients with kidney and urinary tract diseases. Specific aspects of caring for elderly and senile patients.
66. General rules for caring for seriously ill and dying patients: their position in bed, prevention of bedsores, monitoring of physiological functions.

67. The concept of resuscitation. Specific aspects of medical staff work in the intensive care unit. Individual post.
68. Care of unconscious patients.
69. Technique of indirect cardiac massage.
70. Artificial lung ventilation technique using the mouth-to-mouth and mouth-to-nose methods.
71. Certification of death and rules for handling the corpse.

**LIST OF QUESTIONS FOR PREPARATION FOR THE DIFFERENTIATED CREDIT  
IN SURGERY**

1. Structure and organization of the hospital admission department.
2. Functional responsibilities of the admissions department nurse.
3. Rules for admission and hospitalization of surgical patients.
4. Admissions department documentation and rules for its execution.
5. Rules for the sanitary treatment of planned and emergency surgical patients.
6. Rules for transporting surgical patients to specialized departments.
7. Organization and operating mode of surgical departments.
8. Sanitary and hygienic regime in the surgical department.
9. Operating room organization, layout, and operating hours. Operating room zones. Operating room maintenance and care.
10. Organization of work of junior and mid-level medical personnel in surgical departments.
11. Exogenous and endogenous infection. Main routes of infection spread.
12. Hospital infection, measures to prevent its spread (sources, carriers, control of the work of medical personnel).
13. Duties of ward nurses, organization of nursing station work. Medical documentation. Procedure for taking over and handing over shifts.
14. Functional responsibilities of a nurse in a treatment room, organization of work in a treatment room.
15. Functional responsibilities of an operating room nurse.
16. Functional responsibilities of a dressing nurse.
17. Ethical principles in surgery. Nurse-patient relationships.
18. Rules for the use and storage of drugs, including narcotics, in the surgical department.
19. Rules for storing donor blood, its components and preparations, blood substitutes, methods of their transfusion, patient monitoring, and documentation.
20. Rules for care of surgical patients.
21. Organization of nutrition for surgical patients.
22. Methods of preparing patients for emergency and planned surgical interventions.
23. Rules for monitoring patients in the postoperative period.
24. Methods of preparing patients for X-ray, endoscopic and other types of examinations.

25. Rules for applying soft and plaster dressings, bandages, suspensory, elastic bandages.
26. Basic antiseptics and methods of their use.
27. Rules for disinfection and pre-sterilization preparation of surgical instruments.
28. Methods of manufacturing various types of dressings and preparing them for sterilization.
29. Methods for sterilization of instruments, dressings and suture materials, plastic products, devices with optical systems, anesthetic and resuscitation equipment (laryngoscopes, anesthetic and respiratory equipment).
30. Rules for storing surgical instruments, sterile dressings and suture materials.
31. Rules for preparing hands, the surgical field, and putting on sterile clothing.
32. Basic measures to prevent infection of patients and medical personnel with HIV and viral hepatitis.
33. Methods of providing first aid for wounds, fractures, dislocations, closed soft tissue injuries.
34. Methods of providing first aid for bleeding.
35. Methods of providing first aid for thermal injuries.
36. Methods of emergency prevention of tetanus (specific, non-specific).
37. Anti-epidemiological measures carried out in the department in case of treatment of a patient with anaerobic clostridial infection.
38. Diagnosis of conditions requiring intensive care and resuscitation. Methods of providing assistance for acute respiratory and cardiac disorders.
39. Methods of providing emergency care in case of collapse, fainting, anaphylactic shock, pulmonary embolism.
40. Complications during transfusion of blood, its components, drugs and blood substitutes, rules for first aid.
41. Preparation of medical documentation.
42. Sanitary treatment of surgical patients.
43. Transportation of surgical patients.
44. Pre-sterilization preparation of instruments, probes, rubber products.
45. Quality control of pre-sterilization preparation.
46. Disinfection and disposal of disposable syringes and systems.
47. Preparation of dressing material (balls, napkins, turundas, tampons).
48. Loading material and linen into boxes.
49. Quality control of sterilization of instruments, dressings, and linen.
50. Hand treatment before surgery.
51. Putting on sterile clothing.
52. Processing and preparation of the surgical field.
53. Preparing the dressing and operating room nurse's table.
54. Preparing the nurse's table.
55. Perform all types of injections (intravenous, intramuscular, subcutaneous, intradermal).
56. Taking blood from a vein for laboratory testing.

57. Care of catheters installed in central and peripheral veins.
58. Determination of blood group, tests before transfusion of blood products (components).
59. Assessment of the suitability and preparation of blood products (components) for transfusion ( red blood cells , plasma, etc.).
60. Preparation and implementation of transfusion of blood components and products, as well as blood substitutes, using disposable systems.
61. Monitoring patients during transfusions, measuring central venous pressure.
62. Completing documentation when performing transfusions of blood components, its components, drugs, and blood substitutes.
63. Preparing patients for surgical interventions and diagnostic examinations.
64. Monitoring and care of patients in the postoperative period.
65. Application of soft bandage dressings and tubular elastic bandages to wound surfaces.
66. Applying a tourniquet to bleeding from wounds on the limbs.
67. Dressing of postoperative wound, removal of stitches.
68. Wound toilet, care of drains, microirrigators .
69. Providing assistance to doctors during puncture and drainage of cavities.
70. Applying a bandage, a suspensor.
71. Assisting physicians in applying skeletal traction.
72. Assisting doctors in applying and removing plaster casts.
73. Beller tire preparations .
74. Care of intestinal fistulas, change of ostomy bags.
75. Gastric intubation and lavage.
76. Setting up an enema and gas tube.

## ЛИТЕРАТУРА

### Основная:

1. Oslopov, V. N. General Care of a Patient : tutorial / V. N. Oslopov, O. V. Bogoyavlenskaya. - Moscow : GEOTAR-Media, 2021. - 208 с. - URL : <https://www.studentlibrary.ru/book/ISBN9785970460429.html> (дата обращения: 03.04.2026).

2. Пронько, Т. П. Медицинский уход и манипуляционная техника = Medical care and manipulations : пособие для студентов учреждений высш. образования, обучающихся по специальности 1-79 01 01 "Лечеб. дело" / Т. П. Пронько, Э. Э. Поплавская, Е. М. Сурмач ; УО "Гродн. гос. мед. ун-т", Каф. пропедевтики внутренних болезней. - Гродно : ГрГМУ, 2021. - 499 с. : ил., табл., цв. фот. - Рек. УМО по высш. мед., фармацевт. образованию. – URL: <https://www.books-up.ru/ru/read/medical-care-and-manipulations-13570461/> (дата обращения: 03.04.2026).

### Дополнительная:

3. Basics of medical care = Основы медицинского ухода : пособие для студентов учреждений высшего образования, обучающихся по специальности 1-79 01 01 «Лечебное дело» : manual for students of higher education institutions studying in the specialty 1-79 01 01 «General Medicine» / Т. П. Пронько, Э. Э. Поплавская, Е. М. Сурмач и др. - Гродно : ГрГМУ, 2019. - 208 с. - URL: <https://www.books-up.ru/ru/book/basics-of-medical-care-12061289/> (дата обращения: 03.04.2026)

4. Амлаев К. Р. Medical prevention = Медицинская профилактика : учеб. пособие / К. Р. Амлаев. - Ставрополь : СтГМУ, 2020. - 204 с. - URL: <https://www.books-up.ru/ru/book/medical-prevention-15722037/> (дата обращения: 03.04.2026)

5. Янкина С. В. Emergency medical care = Скорая медицинская помощь: учебное пособие по дисциплине «Скорая медицинская помощь» для обучающихся по специальности 31.05.01 Лечебное дело : a study guide in the discipline / С. В. Янкина, Н. В. Минаева. - Рязань : РязГМУ, 2024. - 163 с. - URL: <https://www.books-up.ru/ru/book/emergency-medical-care-17693018/> (дата обращения: 03.04.2026).

**Нормативные правовые акты:**

6. О санитарно-эпидемическом благополучии населения : Закон Республики Беларусь от 07 января 2012 г. №340-3.

7. Об утверждении Положения о практике студентов, курсантов, слушателей : постановление Совета Министров Республики Беларусь от 03 июня 2010 г. №860.

8. О Правилах медицинской этики и деонтологии : постановление Министерства здравоохранения Республики Беларусь от 07 августа 2018 г. №64.

9. О практике студентов, обучающихся по направлению образования «Здравоохранение» : постановление Министерства здравоохранения Республики Беларусь от 16 декабря 2022 г. №119.

10. Об утверждении Инструкции о порядке организации диетического питания : постановление Министерства здравоохранения Республики Беларусь от 21.11.2019 г. №106.

11. Об утверждении Санитарных норм и правил «Санитарно-эпидемиологические требования к организациям, оказывающим медицинскую помощь, в том числе к организации и проведению санитарно-противоэпидемических мероприятий по профилактике инфекционных заболеваний в этих организациях», признании утратившими силу некоторых постановлений Министерства здравоохранения Республики Беларусь : постановление Министерства здравоохранения Республики Беларусь от 05.07.2017 г. №73.

12. Об утверждении Санитарных норм и правил «Требования к организации и проведению санитарно-противоэпидемических мероприятий, направленных на предотвращение заноса, возникновения и распространения острых кишечных инфекций : постановление Министерства здравоохранения Республики Беларусь от 29.03.2012 г. №31.

13. Санитарные нормы и правила «Требования к организации и проведению санитарно-противоэпидемических мероприятий, направленных на предупреждение возникновения и распространения вирусных гепатитов : постановление Министерства здравоохранения Республики Беларусь от 06.02.2013 г. №11.

14. О проведении дезинфекции и стерилизации учреждениями здравоохранения : приказ Министерства здравоохранения Республики Беларусь от 25 ноября 2002 г. №165.

**ЭЛЕКТРОННЫЕ БАЗЫ ДАННЫХ:**


1. Консультант студента : электронная библиотечная система : [сайт]. – URL: <https://www.studentlibrary.ru/> (дата обращения: 03.04.2026).
  2. Лань : электронная библиотечная система : [сайт]. – URL: <https://e.lanbook.com> (дата обращения: 03.04.2026).
  3. Репозиторий Гомельского государственного медицинского университета : [сайт]. – URL: <https://www.elib.gsmu.by/> (дата обращения: 03.04.2026).
  4. BookUp. Большая медицинская библиотека : [сайт]. – URL: <https://www.books-up.ru/ru/catalog/bolshaya-medicinskaya-biblioteka/> (дата обращения: 03.04.2026).
  5. MedBaseGeotar : справочно-информационная система [сайт]. – URL: <https://medbase.ru/pages/index.html> (дата обращения: 03.04.2026).
  6. Znanium : электронная библиотечная система : [сайт]. – URL: <https://znanium.ru/> (дата обращения: 03.04.2026).
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**DEVELOPERS:**

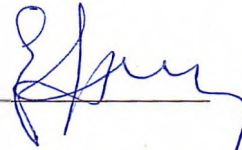
Head of Department

Propaedeutics of Internal Diseases, Doctor  
of Medical Sciences, Professor

A.L. Kalinin

Associate Professor of the Department of  
Propaedeutics of Internal Diseases,  
Candidate of Medical Sciences, Associate  
Professor

I.V. Paltsev

Associate Professor of the Department of  
Surgical Diseases No. 2 , Candidate of  
Medical Sciences

D.A. Evseenko

Senior Lecturer  
Department of Surgery  
disease No. 2

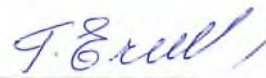
V.Z. Anjum

The preparation of the internship program and accompanying documents meets the established requirements.

Methodologist of the Educational and  
Methodological Department

E.F. Storozhik

Head of Practice



G.I. Echisheva

Head of the Information and  
Publishing Center

E.V. Garelskaya