

**in practice "Educational practice introductory practice  
(in surgery))"  
for students of 2025 year of admission  
under the educational programme  
31.05.01 General medicine,  
specialisation General medicine  
Specialist's,  
form of study full-time  
for the 2025-2026 academic year**

Federal State Budgetary Educational Institution of Higher Education  
"Volgograd State Medical University"  
Ministry of Health of the Russian Federation

Department of General Surgery

under the educational programme  
31.05.01 General medicine,  
specialisation General medicine

**PRACTICE DIARY  
"Educational Internship (Introductory Internship (in Surgery))"**

First-year student, Group \_\_\_\_\_

\_\_\_\_\_  
(surname)  
\_\_\_\_\_  
(name)  
\_\_\_\_\_  
(patronymic)

Internship supervisor from Volgograd State  
Medical University

\_\_\_\_\_  
(signature)

Linchenko D.V.  
\_\_\_\_\_  
(Full name)

## Internship Diary Guidelines

A student's internship diary is a mandatory reporting document for their internship.

The internship diary must include logs of various types of work (literary/methodological/experimental/analytical/other types of work) completed by the student during the internship.

Logs are prepared for each day of internship. The logs must contain information on the date, topic(s) of the lesson(s), and the work performed during the individual assignment.

When recording work on individual assignments (IA), the following algorithm must be followed:

1. Describe the essence of the assignment (goals/objectives/implementation algorithm/methodology, etc.)
2. Record the actual data – it is advisable to present it in a tabular format.
3. It is necessary to reflect personal participation in the implementation of activities for the functional performance of junior and mid-level medical personnel, recording everything they did, observed, and participated in (i.e., indicate the types of work performed during working hours).
4. Records must reflect the entire scope of work completed and be concise and clear.
5. A summary of the findings/conclusions must be made based on the results of the assignment.

The internship diary must be signed:

- a) after each protocol – by the student's internship supervisor.
- b) on the title page – by the organization's (university's) internship supervisor.

For a sample format for daily protocols in the internship diary, see Appendix 1.

## Introductory Information for Students

The objectives of the internship are:

- to familiarize students with the organization of surgical care in the Russian Federation, the structure and work organization of a surgical hospital, sanitary and hygienic requirements for structural units, and the treatment and protective regime;
- to provide an understanding of the functional responsibilities of junior medical staff in a surgical clinic, as well as the basic principles of medical ethics and deontology;
- to master the skills of general care for surgical patients;
- to prepare students for independent work as assistants to junior medical staff.
- During the internship, students should gain skills (experience):
  - donning a surgical suit, medical gown, cap, and personal protective equipment;
  - performing anthropometry of an adult;
  - measuring the patient's body temperature;
  - counting respiratory movements;
  - measuring blood pressure;
  - determining and counting the radial pulse;
  - recording thermometry data on a temperature sheet;
  - transporting a patient from the emergency room to the department;
  - transporting a patient using a wheelchair or gurney;
  - transporting a patient using a gurney;
  - performing full sanitization;
  - performing partial sanitization;
  - daily cleaning of the premises of the healthcare facility;
  - general cleaning of the premises of the healthcare facility;
  - wet cleaning in the operating room;
  - air disinfection with a UV source;
  - preparation, storage, and safe use of disinfectant solutions;
  - changing bed linen for a patient with limited mobility;
  - changing underwear for a patient with limited mobility;
  - performing skin hygiene for a patient on bed rest;
  - performing oral hygiene for a patient on bed rest;

- - performing ear hygiene for a patient on bed rest;
- - washing hair for a patient on bed rest;
- - feeding a patient on bed rest;
- - performing measures aimed at preventing bedsores;
- - transporting the patient from the department to the operating room;
- - positioning the patient on the operating table depending on the planned type of surgical intervention;
- - hand sanitization before procedures;
- - hand sanitization after procedures, and glove disposal.

Upon completion of the internship, the student should have knowledge of:

- the organization of surgical care in the Russian Federation;
- the structure and organization of a surgical hospital;
- sanitary and hygienic requirements for the departments of a surgical hospital;
- the treatment and protective regime of a healthcare facility;
- the functional responsibilities of junior medical staff in a surgical clinic;
- the basic principles of medical ethics and deontology;
- the concept of general and special care;
- the specifics of caring for patients with various surgical pathologies.

The student should be able to:

- comply with occupational health and safety regulations, safety precautions, and sanitary and hygienic standards;
- measure height, weight, body temperature, blood pressure, pulse rate, and respiratory rate;
- transport patients to various departments of the surgical clinic;
- perform full and partial sanitization of patients;
- clean various areas of the surgical department of a healthcare facility using disinfectant solutions;
- provide general and special care to patients with various surgical pathologies.

## CALENDAR AND THEMATIC PLAN OF PRACTICE

№	Date	Thematic blocks <sup>1</sup>	Hours (academ)
1.		Introduction to practice. <sup>1</sup> Introduction to the practice. Organizational activities. Safety training. Principles of organizing surgical care in the Russian Federation. Structure and organization of a surgical hospital. Treatment and protective regimen of a surgical hospital. Sanitary and hygienic requirements for surgical medical personnel. <sup>2</sup>	6
		Formation of individual tasks.	3
2.		Legal framework for the activities of healthcare workers. <sup>1</sup> Duties, rights, and responsibilities of junior and mid-level medical personnel in surgical hospitals. The primary document defining relationships that arise in the field of public health protection in the Russian Federation, as well as the rights and responsibilities of healthcare workers, is Federal Law No. 323 of November 21, 2011, "On the Fundamentals of Public Health Protection in the Russian Federation." Ethics and deontology in surgery. Ethical Code of Nurses of Russia. Deontological aspects of surgical patient care. <sup>2</sup>	6
		Completion of individual tasks.	3
3.		Clinical hygiene of medical personnel in a surgical hospital. <sup>1</sup> Organization of work for mid-level and junior medical personnel in the surgical department. Admission of mid-level and junior medical personnel to work in a surgical hospital. Preliminary and annual scheduled medical examinations of medical personnel. Clinical hygiene of medical personnel in a surgical hospital. Personal hygiene of medical personnel in a surgical department. <sup>2</sup>	6
		Completion of individual tasks.	3
4.		Surgical Hospital. Organization of the Admission and Diagnostic Department. <sup>1</sup> Structure and organization of the surgical hospital. The surgical hospital's admission department - structure, functional tasks, and operational features. Organization of diagnostic services. Sanitary and hygienic regulations for the admission department. Rules for the admission of surgical patients. Types of sanitization of patients. Specifics of sanitization of surgical patients. Rules for transporting surgical patients from the admission room to the surgical department. <sup>2</sup>	6
		Completion of individual tasks.	3
5.		Organization of the Surgical Department. <sup>1</sup> Part 1. Organization of the Surgical Department and its tasks. Structure and equipment of the surgical department. Clinical environmental hygiene in the surgical department (in wards, corridors, and restrooms). Sanitary treatment of various rooms in the surgical department. Types of disinfection. Techniques for wet cleaning of wards, routine and final disinfection. Rules for the preparation and use of disinfectant solutions. Prevention of nosocomial infections.. <sup>2</sup>	6
		Completion of individual tasks.	3
6.		Organization of the Surgical Department. <sup>1</sup> Part 2. Organization of the Surgical Department and its Tasks. Layout, Equipment, and Fitting of the Procedure Room. Sanitary and Hygienic Conditions in the Procedure Room. Operating Principles of the Procedure Room. Structure and Equipment of the Dressing Room. Types of Dressing Rooms. Sanitary and Hygienic Conditions in the Dressing Room. Basic Principles of Working in the Dressing Room. Preparing the Dressing Room for Operation. Cleaning the Procedure and Dressing Rooms in the Surgical Department. <sup>2</sup>	6

		Completion of individual tasks.	3
7.		Organizing therapeutic nutrition for surgical patients. <sup>1</sup> Characteristics of rational and therapeutic nutrition. Principles of organizing therapeutic nutrition in a healthcare facility. Layout, equipment, and facilities of the dining room in a surgical department. Functional responsibilities of the cafeteria attendant (distributor). Procedure for prescribing therapeutic nutrition. Concept of therapeutic diets. "Surgical" diets. Nutrition and feeding characteristics of surgical patients. Monitoring food distribution. Artificial nutrition. <sup>2</sup>	6
		Completion of individual tasks.	3
8.		Organization of the Anesthesiology and Resuscitation Department. <sup>1</sup> . Structural divisions and equipment of the anesthesiology and resuscitation service. Tasks of the anesthesiology and resuscitation service. Functional responsibilities and rights of the anesthesiology and resuscitation department staff. Sanitary and hygienic regimen of the resuscitation department. Features of care for seriously ill and moribund patients. General issues of resuscitation. <sup>2</sup>	6
		Completion of individual tasks.	3
9.		Operating Room Organization. <sup>1</sup> Operating Room Tasks. Operating Room Structure and Organization. Functional Zones. Operating Room (Layout, Equipment, Sanitary and Hygienic Requirements). Operating Room Cleaning (Types, Procedures). Principles of Interaction between Medical Personnel in the Operating Room, Rules of Conduct. Rules for Preparing Equipment, Instruments, Linens, and Materials for Surgery. Basic Concepts of Asepsis and Antisepsis. Rules for Dressing the Operating Room Team in Sterile Gowns. <sup>2</sup>	6
		Completion of individual tasks.	3
10.		Care of Surgical Patients <sup>1</sup> . Part 1. Concepts of General and Specialized Care. Care of patients during the main stages of treatment in a surgical hospital. Care of patients in the preoperative period. Physical and psychological preparation of the patient for surgery. Specific aspects of preparing the patient for emergency and urgent surgery. Transportation of patients to the operating room. Types of positioning on the operating table. General principles of care and monitoring of patients in the early postoperative period. <sup>2</sup>	6
		Completion of individual tasks.	3
11.		Care of Surgical Patients 1. Part 2. Care and monitoring of patients with surgical diseases of the digestive system; cardiovascular system; lung and pleural diseases (thoracic patients); urinary system diseases (urological patients); and diseases and injuries of the musculoskeletal system (trauma patients). <sup>2</sup>	6
		Completion of individual tasks.	3
12.		Internship results. Submission of internship reports. Midterm assessment.	6
		Posting of internship reporting documentation in the electronic information and educational environment of VolGMU.	3
		Total	108

<sup>1</sup> – Thematic blocks include several seminar-type classes, the duration of one class is 45 minutes with a break between classes of at least 5 minutes

<sup>2</sup> – topic

<sup>3</sup> – essential content

## List of developed competencies and assessment of their acquisition

№	Cipher	Text of the competence	Level of development	Teacher's signature
1	ОПК-1	Able to implement moral and legal norms, ethical and deontological principles in professional activities	1	
2	ОПК-10	Able to understand the principles of operation of modern information technologies and use them to solve professional problems	1	

The following designations are used to characterize the level of development:

- 1 – **"Introductory"** (recognition of previously studied objects and properties).
- 2 – **"Reproductive"** (performing an activity according to a model, instructions or under guidance).
- 3 – **"Productive"** (planning and independent implementation of activities, solving problematic tasks).

Date \_\_. \_\_. 202\_\_

Thematic block: \_\_\_\_\_

Contents (work progress): \_\_\_\_\_

Completing individual tasks: \_\_\_\_\_

Teacher \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_

**«STUDENT BRIEFING CHECKLIST  
ON OCCUPATIONAL HEALTH AND SAFETY, FIRE SAFETY, AND FAMILIARIZATION  
WITH INTERNAL WORK RULES»**

I, student of group \_\_\_\_, first year, am studying under the educational program 31.05.01 General Medicine, profile General Medicine (specialty)

\_\_\_\_\_  
(surname)

\_\_\_\_\_  
(name)

\_\_\_\_\_  
(patronymic)

I am familiar with the rules of conduct (safety and labor protection) in the structural divisions of the surgical hospital, treatment and diagnostic rooms during the internship "Educational internship (introductory internship (in surgery))", I undertake to comply with them and carry out the legal orders of the responsible teacher.

Student's signature \_\_\_\_\_/\_\_\_\_\_/

The teacher who conducted the briefing \_\_\_\_\_/\_\_\_\_\_/

Date \_\_. \_\_. 202\_\_