

**Practice Diary Sample**  
**"Industrial practice (practice in obtaining professional skills and professional experience in the positions of mid-level medical personnel (assistant to a procedural nurse of a surgical profile))"**  
**for students of 2024 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"  
of the Ministry of Health of the Russian Federation

**PRACTICE Diary**  
**Industrial practice (practice in obtaining professional skills and professional experience in the positions of mid-level medical personnel (assistant to a procedural nurse of a surgical profile))"**

of a 2nd year student (male/female) \_\_\_\_ group

\_\_\_\_\_  
(last name)  
\_\_\_\_\_  
(name)  
\_\_\_\_\_  
(patronymic)

Practice supervisor from the educational

institution (from VolgSMU)  
Ievlev /

\_\_\_\_\_ / V.A.

## Diary Formatting Rules

The mandatory reporting document of a student's internship completion is the Practice Diary.

The Practice Diary must include protocols of various types of work (literary/methodological/experimental/analytical/other types of work) performed by the student during the internship.

Protocols are to be filled out for each day of the internship. The protocol must contain information about the date, the topic(s) of the session, and the work performed as part of the individual assignment.

When logging work on individual assignments (IA), the following algorithm must be adhered to: Describe the essence of the assignment (goals/objectives/algorithm/methodology of performance, etc.)

Record factual data – it is advisable to present it in a tabular format.

It is necessary to reflect personal participation in carrying out activities related to the functional duties of a ward nurse, recording everything that was done, observed, and participated in (i.e., list the types of work performed during working hours).

The entries must reflect the entire volume of work performed, be brief and clear.

It is necessary to provide a brief conclusion/summary based on the results of the IA completion.

The Practice Diary must be signed:

a) after each protocol - by the student's practice supervisor.

b) on the title page - by the practice supervisor from the institution (university) and the practice supervisor from the specialized organization (practice base).

For a sample format of daily protocols in the Practice Diary, see Appendix 1.

## Introductory Information for Students

The objectives of the practice are:

- to study the functional duties and working conditions of a procedural nurse in a surgical department;
- to acquire skills in communicating with surgical patients, their legal representatives, and medical staff, implementing the principles of medical deontology;
- to acquire skills in performing manipulations within the duties of a procedural nurse in a healthcare facility;
- to acquire skills in completing the main types of medical documentation for a procedure room.

During the practice, the student must acquire skills (practical experience) in:

- hand hygiene with antiseptic solutions;
- performing preliminary cleaning of the procedure room;
- performing routine cleaning of the procedure room;
- performing terminal cleaning of the procedure room;
- performing general cleaning of the procedure room;
- disinfecting air and environmental surfaces in the procedure room;
- drawing solutions from ampoules and vials into a syringe;
- performing intradermal injections;
- performing subcutaneous injections;
- performing intramuscular injections;
- performing intravenous injections;
- disinfecting and disposing of used syringes and needles;
- assembling and priming a single-use intravenous infusion set;
- performing intravenous infusions;
- disinfecting and disposing of single-use intravenous infusion sets;
- inserting a peripheral venous catheter;
- applying a tourniquet for venous blood sampling;
- performing peripheral venous blood sampling;
- transporting blood samples to the clinical laboratory;
- monitoring patient status (measuring blood pressure, heart rate, respiratory rate);
- providing first aid for urticaria;

- providing first aid for angioedema;
- providing first aid for anaphylactic shock;
- performing resuscitation measures (artificial lung ventilation);
- performing resuscitation measures (closed cardiac massage).

Upon completion of the practice, the student must know:

- the organization of work and sanitary-hygienic standards of the procedure room in a surgical department;
- the equipment of the procedure room;
- the organization of the procedural nurse's work;
- the functional duties of a procedural nurse;
- the algorithm of actions for a nurse in the procedure room when performing various manipulations;
- parenteral administration of medications;
- disinfection and disposal of used syringes, needles, and single-use intravenous infusion systems;
- compliance with sanitary-anti-epidemic regulations, as well as measures for the prevention of HIV and viral hepatitis in the procedure room;
- providing first aid in case of complications during medical manipulations and summoning a doctor;
- cardiopulmonary resuscitation measures.

The student must be able to:

- comply with labor protection rules, safety precautions, and sanitary-hygienic standards;
- perform intravenous (bolus and drip), intramuscular, intradermal, and subcutaneous injections;
- perform peripheral venous blood sampling;
- disinfect and dispose of used single-use syringes and needles;
- measure blood pressure, pulse, and respiratory rate;
- provide first aid in case of emergencies and complications during medical manipulations;
- perform basic cardiopulmonary resuscitation.

### CALENDAR-THEMATIC PRACTICE PLAN

№	Date	Thematic Blocks <sup>1</sup>	Hours (academ)
1.		Introduction to practice. <sup>2</sup> Familiarization with the practice base, the responsible person for the practice from the Department of General Surgery of VolgSMU, the head nurses of the surgical departments of the healthcare facility. Conducting organizational activities; submission of medical record books to the practice coordinator, assignment to surgical departments of the healthcare facility, development of a practice schedule; receipt and formalization of individual tasks. Familiarization with safety protocols (introductory safety briefing, primary workplace safety briefing, fire safety briefing, and briefing on antiviral safety measures in the context of the spread of the novel coronavirus infection (COVID-19)). <sup>3</sup>	3
		Creation of individual tasks.	6
2.		Organization of the procedural room in a surgical healthcare facility. Regulatory legal acts in the work of a procedural nurse. <sup>2</sup> Sanitary and hygienic requirements for the procedural room of a healthcare facility. Equipment, inventory, and instruments of the procedural room. Work schedule. Organization of nursing in the procedural room. Federal Law "On the Fundamentals of Health Protection of Citizens in the Russian Federation" dated 21.11.2011 No. 323; SanPiN 2.1.3.2630-10 "Sanitary and Epidemiological Requirements for Organizations Engaged in Medical Activities"; SP 3.1.5.2826-10 "Prevention of HIV Infection"; SP 3.1.1.2341-08 "Prevention of Viral Hepatitis B"; SanPiN 2.1.7.2790-10 "Sanitary and Epidemiological Requirements for the Management of Medical	3

		Waste". <sup>3</sup>	
		Completing individual tasks	6
3.		Organization of the work of a procedural nurse. <sup>2</sup> Job description of a procedural nurse. Qualification characteristics for the position "Procedural Nurse" (Order of the Ministry of Health and Social Development of the Russian Federation dated July 23, 2010 No. 541n "On the approval of the Unified Qualification Directory of Positions of Managers, Specialists and Employees, section 'Qualification Characteristics of Positions of Workers in Healthcare)'). Medical ethics and deontology. Principles of interpersonal communication within the professional interaction of medical staff with colleagues. Person-centered communication with patients. <sup>3</sup>	3
		Completing individual tasks	6
4.		Organization of the work of a procedural nurse. <sup>2</sup> Moral and professional qualities of a procedural nurse. Requirements for the appearance of procedural nurses. Hand hygiene of medical personnel. Nosocomial infections (NI). Healthcare-associated infections (HAI). The role of the procedural nurse in the prevention of NI and HAI. Personal safety of medical personnel. Cleaning of the procedure room. Types of cleaning. Disinfection of air and environmental surfaces, disinfection and disposal of medical waste. <sup>3</sup>	3
		Completing individual tasks	6
5.		Organization of the work of a procedural nurse. <sup>2</sup> The concept of pharmacology. Classification of medicines by toxicological groups: indifferent, potent, poisonous. Dosage of medicines: single, daily, and course doses. Routes of drug elimination from the body. Drug incompatibility. Rules for prescribing and storing medicines. Maintenance of current accounting documentation. Rules for the storage and use of poisonous and narcotic medicines subject to subject-quantitative accounting. Medicines requiring refrigeration. <sup>3</sup>	3
		Completing individual tasks	6
6.		Parenteral drug administration. <sup>2</sup> Routes of drug administration. Types of injections. Indications for intradermal, subcutaneous, intramuscular, and intravenous administrations. Safety rules when performing various types of injections. Technique for performing intradermal and subcutaneous injections. Features of drug administration in skin diseases and with a history of allergies. Drawing solution from an ampoule and a vial. <sup>3</sup>	3
		Completing individual tasks	6
7.		Parenteral drug administration. <sup>2</sup> Technique for performing intramuscular injections. Post-injection complications. Dilution of antibiotics. Disinfection and disposal of syringes and needles. Technique for performing intravenous injections. Post-injection complications (phlebitis, venous thromboses). Care of a peripheral intravenous catheter. Technique for performing intravenous drip infusions. Assembling a system for intravenous infusion. Ensuring the safety of infusion therapy. <sup>3</sup>	3
		Completing individual tasks	6
8.		Parenteral drug administration. <sup>2</sup> Features of performing subcutaneous and intramuscular injections for critically ill patients in the ward of a surgical department. Prevention of complications. The concept of asepsis and antisepsis. Features of performing intravenous injections for critically ill patients in the ward of a surgical department. Prevention of complications. <sup>3</sup>	3
		Completing individual tasks	6
9.		Blood sampling for laboratory tests. <sup>2</sup> Features of patient preparation for blood sampling for various laboratory tests. Technique for blood sampling for laboratory testing. Features of blood sampling from critically ill patients. Transportation	3

		of blood to the laboratory. The concept of hemotransfusions. Assistance of the procedural nurse to the doctor in determining blood group and Rh factor. Stages of the nursing process during transfusion of blood and blood substitutes. <sup>3</sup>	
		Completing individual tasks	6
10.		Medical documentation of the procedure room. <sup>2</sup> Register of the procedure room's work; register of medical prescriptions; register for recording and monitoring the UV disinfection unit; register for general cleanings; register for recording intravenous blood sampling for biochemical analysis, HbsAg, RW, HIV infection, blood group, Rh factor, etc. Fundamentals of office work in the procedure room. <sup>3</sup>	3
		Completing individual tasks	6
11.		First aid. Basic cardiopulmonary resuscitation. <sup>2</sup> Providing first aid for urticaria, angioedema, anaphylactic shock. Requirements for equipping first aid kits with medical devices. The concept of resuscitation. Monitoring the patient's condition (measuring blood pressure, heart rate, respiratory rate, etc.) Basic cardiopulmonary resuscitation. Algorithm for performing cardiopulmonary resuscitation. <sup>3</sup>	3
		Completing individual tasks	6
12.		The results of the practice. Presentation of accounting documentation on the practice. Intermediate certification.	3
		Placement of accounting documentation on practice in the electronic information and educational environment of VolgSMU.	6
		Total	108

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

<sup>2</sup> – Theme

<sup>3</sup> – Essential content

## List of formed competencies and assessment of their mastery

№	Code	Competency text	Level of mastery	Instructor's signature
1	OPK -10	Is able to understand the principles of operation of modern information technologies and use them to solve professional tasks	1	
2	PK-2	Is able to perform a patient examination in the presence of medical indications in accordance with current procedures for medical care, clinical guidelines (treatment protocols) on medical care provision, taking into account medical care standards.	1	
3	PK-6	Is able to maintain medical documentation and organize the work of the subordinate middle medical staff.	1	

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

1 – **"Introductory"** (recognition of previously studied objects, properties).

2 – **"Reproductive"** (performing activities according to a model, instructions, or under guidance).

3 – **"Productive"** (planning and independent execution of activities, solving problem tasks).

## Chronological practice diary

PROTOCOL № \_\_\_\_\_

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

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

Content (course of work): \_\_\_\_\_

Completion of individual assignments: \_\_\_\_\_

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

**"STUDENT INSTRUCTION CONTROL SHEET  
ON LABOR PROTECTION, SAFETY REGULATIONS (SR), FIRE SAFETY, AND  
FAMILIARIZATION WITH INTERNAL LABOR REGULATIONS"**

I, a student of the \_\_\_\_ group of the 2nd year, am studying under the educational program 31.05.01 General Medicine, profile General Medicine (specialist degree)

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

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

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

have been familiarized with the rules of conduct (safety and labor protection) in the structural units of the surgical hospital, treatment and diagnostic premises during the internship "Production Internship (internship for gaining professional skills and experience in positions of middle medical staff (assistant procedural nurse of surgical profile))", undertake to comply with them and follow the lawful instructions of the responsible instructor.

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

Teacher who conducted the briefing \_\_\_\_\_/\_\_\_\_\_/

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

Reviewed at the meeting of the Department of General Surgery on June 02, 2025,  
protocol №. 14

Head of the Department  
of general surgery,  
professor



S.I. Panin