

*Federal State Educational Institution of Higher Professional Education "Peoples'  
Friendship University of Russia"*

*Institute of Medicine*

**PROGRAM OF THE PRACTICAL TRAINING**

**Name of the practical training**

**Practice to gain primary professional skills and professional experience:  
assistant procedural nurse**

**Recommended for the direction of training/specialty**

**31.05.01 General medicine**

*(the code and name of the training direction (specialty))*

**Focus of the program (profile)**

**General medicine**

*(name of the educational program in accordance with the orientation (profile))*

**Graduate qualification - General practitioner**

*(the qualification of the graduate is indicated in accordance with the order of the Ministry of Education and Science of the Russian Federation as amended on 04/10/17 No320)*

### **1. The purpose of the practical training "Assistant procedural nurse".**

The purpose of the practical training "Assistant ward nurse" is:

- teaching students the main stages of the procedural nurse and the use of students' knowledge in practice in a hospital.

### **2. Tasks of practical training**

- to master the basic practical skills of a procedural nurse.

### **3. Place of practical training in the structure of the OP VO specialty**

Practical training for students in the specialty 31.05.01 - General medicine takes place in the spring semester of the 3<sup>rd</sup> course and is based on the knowledge gained during the mastering of the material in educational practice: care of therapeutic and surgical patients and the practical training after 1<sup>st</sup> and 2<sup>nd</sup> courses training practice.

### **4. Forms of practical training "Assistant procedural nurse".**

Clinical

### **5. Place and time of practical training "Assistant procedural nurse".**

Practice base of health facilities and simulation training centre.

The practice is conducted at clinical bases in the City clinical hospitals of Moscow. Direct supervisors of the practice are employees of various departments of the medical faculty of the RUDN University.

### **6. Competences of the student, formed as a result of practical training:**

OK-1, OK-7, OPK- 4-6, OPK-10, PK-15-17

As a result of this practical training the student must acquire the following practical skills, abilities, universal and professional competence:

**Know:** functional duties of the procedural nurse.

The main functions of the procedural nurse are:

- compliance with the rules of asepsis and antisepsis in the treatment room during the manipulation.
- assisting the doctor during various manipulations.
- performing manipulations as prescribed by the doctor and keeping records of the performed manipulations.
- parenteral administration of drugs (subcutaneous, intramuscular, and intravenous injections).
- know the groups of medicines used in the treatment room
- know the rules of storage, use and set of medicines
- blood sampling from a vein for special laboratory tests.
- decontamination of syringes and other medical instruments in the treatment room, pre-sterilization cleaning and sterilization in the central sterilization point.
- provision of pre-medical care in cases of complications during medical procedures and doctor's call.
- registration of complications in the appropriate journal.
- compliance with the sanitary and anti-epidemic regime, as well as measures to prevent hiv/aids and viral hepatitis B and C in the treatment room.
- keeping records of the consumption of medicines, dressings and instruments.
- timely and correct maintenance of records of the procedure room in the prescribed form.

**To be able to:**

- be able to read doctor's prescriptions

- perform all types of injections (subcutaneous, intramuscular, intravenous)
- to collect and install the system for intravenous infusion
- use a sterile table, tray, craft bags,
- measure blood pressure, count the pulse, pulse deficit, the number of respiratory movements and record the results, arrange the necessary documentation,
- take blood for laboratory tests,
- provide first aid in cases of complications during medical manipulations.

**To master:**

- basic practical skills of a procedural nurse.

**7. Structure and content of the practical training**

The total complexity of the practical training is 3 3E. 108 hours, including 60 hours for independent work.

№	Sections (stages) of practice	Types of practical training, including independent work of students and labor intensity (in hours)		Forms of control
	<i>(Sections (stages) of the practical training are indicated. For example: organization of the practice, preparatory stage, including safety instructions, training stage (experimental, research), processing and analysis of the information received, preparation of a practice report.</i>	Classroom lessons (work in departments of different profile in the clinical hospital)  72 hours	Independent work  36 hours	
1	Safety instructions.  Acquaintance with the departments of different profile of the clinical hospital. Scheduling of students in departments of various profiles. Distribution of students in the workplace.	6	3	Journal
2	The work of students as an assistant ward nurse in various departments of the clinical hospital.	60	30	Journal
3	Credit	6	3	Journal

**8. Research technologies used in practical training "Assistant procedural nurse".**

Educational, research and production technologies should be used in the process of practical training.

Educational technologies during the internship include: safety instructions; organization tour; primary briefing in the workplace; use of library stock; organizational and informative technologies (attendance at meetings, conferences, etc.); verbal communication technologies (conversations with managers, specialists); mentoring (work in the period of practice as a student

of an experienced specialist); information and communicative technologies (information from the Internet, e-mail, etc.); work in the library (clarification of the content of educational and scientific problems, professional and scientific terms, indicators), etc.

Scientific and production technologies during internships include: innovative technologies used in the organization, studied and analysed by students in the course of practice.

Research technologies in practice include: defining a problem, object and subject of research, setting a research task; development of research tools; observation, measurement, fixation of results; collection, processing, analysis and preliminary systematization of factual and literary material.

## **9. Teaching and methodological support for students' independent work during practical training**

The main form of practical training control is the "Journal of practical training ". Each student fills a journal with a detailed description of the work done for the current day. Every day the diary is signed by the head nurse of the department and the teacher from the department responsible for this group of students. In the diary, the student indicates the nature of the work done by him and lists all the practical skills that he mastered. After the end of the practice, the diary is checked by the teacher of the department, a brief description is written on the student and a grade is given. The score is also put in the student's record-book in the appropriate column.

## **10. Forms of intermediate certification (based on the results of practical training) "Assistant procedural nurse".**

According to the results of practical training, the student submits a report in the form of a diary and is interviewed by the head of the practice, after what the is given a final grade.

*The intermediate certification* consists of the following stages:

- Test control.
- Score for writing a "Diary of practice".
- Interview.

## **11. Educational-methodical and informational support of the practical training "Assistant procedural nurse".**

a) main literature:

Pautkin Yu. F., Klimov A. E., Pogasov A. G. Practice of students in surgical clinics. Moscow: RUDN, 2011.

Beloborodov, V. A. Aseptics, antiseptics: studies'. manual for foreign students / GBOU VPO igmu of the Ministry of health of Russia. Irkutsk: igmu, 2013, 26 p.

Strelchenko, E. Y. Orlova, A. A. Belykh / under the General editorship of O. V. Strelchenko Standards and technologies of practical activity of nurses (Methodological recommendations) Novosibirsk, 2013. - 82 p.

Strelchenko, E. Y. Orlova, G. P. Kashuba / under the General editorship of O. V. Strelchenko Standards and technologies of practical activity of nurses (Methodical recommendations of professional activity of operating nurses) Novosibirsk, 2013. - 46 p.

Moiseev V. S., Moiseev S. V., J. D. Kobalava Internal diseases with the basics of evidence-based medicine and clinical pharmacology. GSTAR Media., М – 2008. The basics of care of patients of therapeutic profile: the Textbook / Under. edited by A. S. Kalmykova. 2016. // <http://www.medknigaservis.ru/pediatriya-osnovi-ukhoda-bolnimi-учебник-Калмыковой.HTML>

Chernova O. V. Guide for a nurse in the treatment room. Edition 2 Medicine 2008

Chernova O. V. Guide for a nurse in the treatment room. Medicine series 3rd edition Phoenix M. 2009.

Agkatseva S. A. Sisterly manipulations. M. 2006. [https://www.ozon.ru / context / detail / id/ 3187331](https://www.ozon.ru/context/detail/id/3187331)

b) additional literature:

Grebnev A.L., Sheptulin A.A., Khokhlov A.I. Basics of General Patient Care - M., 1999

Mukhina S.A., Tarnovskaya I.I. Atlas on handling equipment (for medical schools) - M., 1995

c) software and Internet resources:

- Sites on the Internet, corresponding to specific topics of the discipline

d) databases, reference and search engines MS-office, Excel, Access, PowerPoint, Rambler, Yandex.

d) database, directory and search engine

1. TUIS-Telecommunications educational and information system.

<http://esystem.rudn.ru/>

2. EBS RUDN and third-party EBS, to which University students have access on the basis of concluded agreements:

- Electronic library system of RUDN – EBS RUDN <http://lib.rudn.ru/MegaPro/Web>

- EBS "University library online" <http://www.biblioclub.ru> -ABS urite <http://www.biblio-online.ru>

- EBS "student Consultant" [www.studentlibrary.ru](http://www.studentlibrary.ru)

- EBS "LAN" <http://e.lanbook.com/>

3. <http://whodc.mednet.ru/> WHO Documentation centre

4. Electronic library on surgery Articles, news, publications, surgery books,

<http://surgerylib.ru/>

## **12. Material and technical support of practical training**

The equipment necessary for the successful passage of the practical training, is provided by various departments of the clinical departments of hospitals and medical departments of the faculty responsible for the internship.

Standard equipment of departments of health facilities and the centre of simulation training.

## **13. Evaluation fund for the intermediate certification of students in practical training "Assistant procedural nurse".**

After graduation from the practical training, an intermediate certification is carried out (according to the results of the internship), which consists of the test, interview and practical skills.

Monitoring of the assessment of students' knowledge is carried out according to a score-rating system. Grade is put in the student's record-book in the appropriate column.

### **Criteria for evaluation:**

Conformity of assessment systems (previously used assessments of final academic performance, ECTS assessments and score-rating system (SRS) assessments of current performance).

Score-rating system (SRS)	Traditional ratings in RF	Score ECTS
95 - 100	5	A
86 - 94		B
69 - 85	4	C
61 - 68	3	D
51 - 60		E
31 - 50	2	FX
0 - 30		F
51-100	Credit	Passed

**Test tasks during the intermediate certification for the practical training "Assistant procedural nurse".**

Instructions: choose one correct answer.

**1. The solution for cleaning the patient prior to catheterization is:**

- a strong solution of potassium manganese acid
- diluted alcohol
- a weak solution of potassium manganese acid
- camphor alcohol

**2. In the presence of a urostoma, the change of the catheter is carried out by the:**

- patient
- duty nurse
- doctor
- procedural nurse

**3. The amount of food when feeding through the probe:**

- 20-50 ml
- 100-150 ml
- 250-450 ml
- 600-800 ml

**4. Local half-alcohol compress should be changed every:**

- 1 -2 hours
- 4-6 hours
- 10-12 hours
- 2-3 hours

**Questions for an interview when conducting an intermediate certification of practical training " Assistant procedural nurse ".**

- applying ointments to the skin.
- dripping into eyes, nose, ear.
- laying ointment in the eyes from the tube, using a glass rod.
- a set of medicines from ampoules and vials.
- dilution of antibiotics.
- insulin administration and dose calculation.
- filling and setting of the drip system.
- equipment for pleural puncture.
- setting the exhaust pipe.

- i/c injection.
- p/c injection.
- i/m injection.
- i/v injection
- dilution of antibiotics.
- insulin administration and dose calculation.
- production of mustard plasters.
- setting warmers.
- body temperature measurement.
- counting respiratory movements.
- determination of blood pressure.

The program of was compiled in accordance with the requirements of the FSES HE approved by order of the Ministry of Education and Science of the Russian Federation of February 9, 2016 No. 95.

**Developers:**

Director of the Centre for Simulation Education

ZH.G. Tigay

Associate Professor of the Department of Faculty Surgery

A.A. Barkhudarov

**Program Manager**



I.V. Radysh