

*Federal State Educational Institution of Higher Professional Education “Peoples’
Friendship University of Russia”*

Institute of Medicine

PROGRAM OF THE EDUCATIONAL TRAINING

Name of the educational training

**Clinical practice:
assistant to junior medical staff**

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 to junior medical staff ".

The purpose of the practical training " Assistant to junior medical staff " is:

- the use of practical skills of patient care in a hospital.

2. Tasks of practical training

The task of practical training is to master the practical skills of patient care in a hospital.

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 1st course and is based on the knowledge gained during the mastering of the material in educational practice: care of therapeutic and surgical patients.

4. Forms of practical training " Assistant to junior medical staff ".

Clinical.

5. Place and time of practical training " Assistant to junior medical staff ".

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-15-16

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

Know:

- types of sanitary treatment of patients, types of fevers, features of supervision and care of patients with diseases of various systems of an organism;
- requirements to medical guarding, sanitary-hygienic, sanitary-epidemiological regimes of medical organizations.

To be able:

- to perform sanitary treatment of the patient upon admission to the hospital and during stay in hospital, to carry out change of bed linen and underwear of the patient, to process bedsores;
- to provide care for patients of different ages, suffering from diseases of various organs and systems, their transportation;
- to measure body temperature, daily diuresis, collect biological material from patients for laboratory tests; carry out feeding of patients;
- to carry out anthropometry, various types of enemas, disinfection and pre-sterilization training of medical instruments, materials and means of patient care.

To master:

- technologies of procedures for compliance with sanitary and anti-epidemic regime in the department;
- skills to care for patients, taking into account their age, nature and severity of the disease, including the seriously ill and agonizing patients.

7. Structure and content of the practical training

The total complexity of the practical training is 6 credits. 216 hours, including 96 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) 120 hours 4 weeks (24 days)	Independent work 96 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.	5 (1 day)	4	Journal
2	Work in the emergency room	20 (4 days)	14	Journal
3	Work in the surgical department	20 (4 days)	14	Journal
4	Work in the therapeutic department	20 (4 days)	14	Journal
5	Work in the operating unit	15 (3 days)	12	Journal
6	Work in the therapeutic intensive care unit	15 (3 days)	12	Journal
7	Work in the surgical intensive care unit	20 (4 days)	14	Journal
8	Credit	5 (days)	12	Credit

8. Research technologies used in practical training "Assistant to junior medical staff".

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 to Junior medical staff "

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 to junior medical staff "

a) main literature:

1. Basics of care for patients of therapeutic profile: Textbook / ed. by A. S. Kalmykova. 2016.
2. Hand hygiene of medical personnel. Federal clinical recommendations. - Moscow, 2014.-31
3. Memo on hand hygiene and antiseptics of medical personnel Yekaterinburg, 2016-7 p.
4. V. Ovchinnikov textbook "Foundations of nursing in the surgical clinic: GBOU Nizhny Novgorod state medical Academy health Ministry of the Russian Federation. – Nizhny Novgorod: publishing house of Nizhny Novgorod state medical Academy.2013 – 109 S.
5. T. G. Tronina, S. V. Metlushin Treatment of medical personnel with medical waste: textbook. - method. manual Izhevsk: publishing house "Udmurt University", 2015. 52 p.
6. 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.

b) additional literature:

1. Strelchenko, E. Y. Orlova, A. A. Belykh / under the General editorship of O. V. Strelchenko Standards and technologies of practical activity of nurses (Methodical recommendations) Novosibirsk, 2013. - 82 p.
2. 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.
3. Strelchenko, E. Y. Orlova, G. P. Kashuba / under the General editorship of O. V. Strelchenko Standards and technologies of practical activity of medical nurses (Methodical recommendations of professional activity of a medical nurse of the dressing room) Novosibirsk. - Alfa Resource LLC, 2012. -34 p.

4. Shibacheva, S. N. Orlova, E. N. Kopysheva, S. A. Mashin, E. P. Kalistratova Organization of work of medical institutions for the prevention of infections associated with medical care Training manual for doctors Ivanovo, 2014-216 p.
5. Akimkin V. G. Organization of medical waste management in the Russian Federation: Lecture. - Moscow: Federal center for hygiene and epidemiology of Rospotrebnadzor, 2014-.32p
6. Shkatova E. Yu., Morozkova O. A., Khetaguri N. V., Rudina O. L. Infectious safety in health care facilities: textbook / author-comp. E. Yu. Shkatova [et al.] - Rostov n/A: Phoenix, 2013. - 235, [1] s.: II — - (Medicine).
7. Mylnikova I. S. Procedural nurse M.: GRANT, 2012. - 112 p. — (Series: Library of the chief (senior) nurse).
8. Barykina N. V. Nursing in surgery: textbook, manual-Ed. 12-e. - Rostov n/A: Phoenix, 2012. - 447 p.,
9. N. V. Barykina, O. V. Chernova; ed.by B. V. Kabarukhin. Nursing in surgery: practice — Ed. 9-e. - Rostov n/A: Phoenix, 2012. - 460 p.
10. Evseev M. A. patient Care in a surgical clinic. 2008. - 192 p.
11. Yu. a. Dykhno Algorithms of practical skills in General care of children surgical patients, General and private surgery, pediatric surgery, ophthalmology, neurosurgery, urology, Oncology, otolaryngology, traumatology, orthopedics, obstetrics and gynecology, pediatric gynecology: textbook for students of 3-6 courses in the specialty 060101 "Medical business" - Krasnoyarsk: krassmu printing house, 2012. - p. 80

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

- 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 to junior medical staff".

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 to Junior medical staff".

Instructions: choose one correct answer.

1. Wet cleaning of the premises of health care facilities for the prevention of nosocomial infections is carried out:

- a) once a day
- b) 2 times a day
- c) 4 times a day
- d) 2 times a week

2. For sterilization of instruments and dressings in a dry-heat oven, the following mode is used:

- a) t = 60 min. T = 100 ° C
- b) t = 60 min. T = 132 ° C
- c) t = 60 min. T = 180 ° C
- d) t = 45 min. T = 180 ° C

3. The mode of sterilization of syringes and needles in an autoclave is:

- a) t = 45 min. T = 140 ° C. P = 1 atm
- b) t = 20 min. T = 132 ° C. P = 2 atm
- c) t = 60 min. T = 180 ° C P = 2 atm
- d) t = 120 min. T = 100 ° C P = 1.1 atm

4. Sterility of syringes and needles in Kraft packages is preserved:

- a) 1 hour
- b) 10-12 hours
- c) 24 hours
- d) 72 hours

5. Proper biomechanics of a nurse's body provides:

- a) transportation, movement and repositioning patient in bed in any case by the same nurse

- b) prevention of spinal injury during work
- c) timeliness of medical appointments
- d) position in space, allowing to keep balance

6. For the treatment of the scalp when detected pediculosis is used:

- a) furatsilina solution
- b) sodium hydrochloride solution
- c) ternary solution
- d) Nittifor lotion

Questions for an interview when conducting an intermediate certification of practical training "Assistant to Junior medical staff".

1. The main components of nursing care for therapeutic patients.
2. The concept of general and special care.
3. Sanitary treatment of the patient in the emergency room.
4. Features of feeding the patient in bed, probe enteral feeding.
5. Features of care for patients with severe cardiovascular disease.
6. Features of patient care in the therapeutic intensive care unit.
7. Transportation of patients
8. Features of care for surgical patients.
9. The main tasks of the admission department of the surgical clinic.
10. Hygienic preparation of the patient for emergency surgery.
11. Air hygiene in a surgical hospital.
12. Features of feeding the surgical patient in bed, enteral feeding, feeding through the gastrostoma.
13. Laying on the operating table, removal of the patient from the operating table.
14. Zones of the operating unit, their differences, the "red line rule".
15. Preparing the patient for surgery.
16. Change of linen at the surgical patient. Sanitization methods.
17. Drains. Care for them.
18. Features of care for operated patients (surgery on the abdominal organs, urinary tract, chest cancer, etc.)
19. Deontology in surgery and therapy.

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.

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