

LD-16ИИ

**Federal State Budgetary Educational Institution of Higher Education "North Ossetian State Medical Academy» Ministry of Health of the Russian Federation**



**WORKING PROGRAM OF INDUSTRIAL PRACTICE**  
**«CLINICAL PRACTICE ASSISTANT TO THE CHAMBER MEDICAL NURSE »**  
of the main educational program of higher education – specialty programs in the specialty 31.05.01 Medical care, approved on 26.02.2021 (educational program, partially implemented in English)

The form of training is full-time  
The term of development of OPOP in 6 years  
Department of Internal Diseases No. 1

When developing the work program, the disciplines are based on: The Federal State Educational Standard for the specialty 31.05.01 Medical business, approved by the Ministry of Education and Science of the Russian Federation on February 9, 2016. Curricula for the specialty 31.05.01 Medical business,

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approved by the Academic Council of the Federal State Budgetary Educational Institution of the Ministry of Health of the Russian Federation on February 26, 2021, Protocol No. 1. The working program of the discipline was approved at the meeting of the Department of Internal Diseases No. 1 dated February 03, 2021, Protocol No. 1. The working program of the discipline was approved at the meeting of the central coordinating educational and Methodological Council dated February 05, 2021, Protocol No. 1. The working program of the discipline was approved by the Academic Council of the Federal State Budgetary Educational Institution of the Ministry of Health of the Russian Federation on February 26, 2021, Protocol No. 1.

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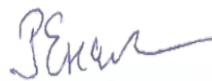
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## **Contents of the work program of practice**

1. indication of the type of practice, method and form (s) of its conduct;
2. list of planned learning outcomes when passing the practice, correlated with the planned results of mastering the educational program;
3. indication of the place of practice in the structure of the educational program;
4. indication of the amount of practice in credit units and its duration in weeks, or in academic or astronomical hours;
5. the content of the practice;
6. specification of reporting forms in practice; .
7. A fund of evaluation tools for conducting intermediate certification of trainees in practice;
8. List of educational literature and resources of the Internet network necessary for conducting the practice;
9. List of information technologies used in the practice, including a list of software and information reference systems (if necessary)
10. description of the material and technical base necessary for conducting the practice.

## 1. General information on practice

**Type of Practice:** Production Practice

**Type of practice:** practice in obtaining professional skills and professional experience

**Method of holding:** stationary

**Forms of conducting the practice:** discretely according to the types of practices (the selected weeks in the calendar training schedule for each practice separately provided for by the OPOP)

**Focus of practice:** Assistant to the ward nurses

## 2. The list of planned learning outcomes when passing the practice, correlated with the planned results of mastering the educational program

№ № n/n	Competency number / index	The content of the discipline (or its sections)	Results of development		
			Know	be able	master
1	2	3			
1.	OPK-4 OPK-6	Acquaintance with the organization of work of the admission and therapeutic departments and functional duties of the junior and middle medical staff.	Basic principles of medical ethics and deontology; • principles of the organization of work and the establishment of medical institutions; • principles of organization of work of junior and average medical personnel; • organization of the medical post, documentation of the ward nurses	establish psychological and verbal contact with patients and their relatives, colleagues; keep the necessary accounting records	compliance with the rules of communication of medical staff with patients and their relatives, colleagues; record keeping
2.	OPK-10 OPK-11	Maintenance of sanitary-hygienic and treatment-protective mode of separation.	• ways to maintain the sanitary-epidemic and treatment-protective regime of the department; • The daily routine in the department; • Ways of wet treatment of wards, offices, corridors, public places with disinfectant solutions; • preparation of	• sanitize medical, diagnostic and ancillary facilities of a medical institution; • conduct treatment and disinfection of ships and urinals; • Ensure the patient's psyche; ensure compliance with the rules of internal routine and the regime of rational physical activity of the patient	preparation of working disinfecting solutions; • Wet cleaning of chambers, corridors and public areas; • disinfection of medical equipment and items medical purpose; • control over the sanitary condition of the wards and bedside tables of patients;

			disinfecting solutions; monitoring visits to patients and transfers		• ventilation of rooms
3.	OPK-10 OPK-11	Sanitary treatment of the patient.	• Types of sanitary treatment of patients	carry out general and partial sanitation of the patient; to treat a patient with pediculosis	• treatment of the patient, including with pediculosis
4.	OPK-10 OPK-11	Transportation of patients.	• methods of transportation of patients;	• shift the patient from the stretcher to the bed, use the functional bed; to transport patients	transportation of the patient on a wheelchair, on a stretcher-wheelchair and manually (on stretchers)
5.	OPK-10 OPK-11	Personal hygiene of the patient and medical staff. Nutrition of patients.	• rules of personal hygiene of the patient and medical staff; • principles of rational therapeutic nutrition of patients with various pathologies; • methods of feeding seriously ill	to change the bed linen and bed linen to the patient, to bring the ship, the urinal to the seriously ill; • care for the skin and mucous membranes, carry the toilet eyes, nose, ears; • Feed the seriously ill, handle dishes after feeding	Change of bed linen and bed linen; • supply of a bedpan and urinal; • processing and disinfection of bed-liners, urinals; • washing of the patient; • holding the toilet of the mouth, eyes, ears, nose, etc. in severe patients; • care for bedsores; distribution of food, feeding of severe patients
6.	OPK-10 OPK-11	The simplest physiotherapy procedures. Preparation of patients for laboratory-instrumental methods of research.	• simple thermal and cold procedures; • preparation of patients for functional and instrumental methods of research; • rules for the	apply a heating pad, ice pack; • put mustard plasters, compresses; • put cleaning and curative enemas; • the introduction of a gas pipe; collect urine,	application of a heating pad, an ice bladder; • staging of mustard plasters, compresses; • setting of enemas; collection of biological

			collection of biological material for laboratory research	feces, phlegm for research	material for laboratory research
7.	OPK-8	Ways of using medicines. •	The procedure for storage and registration of medicinal products, methods and methods for their use;	decompose and distribute medicines for internal use according to the prescription of the doctor; • Carry out inhalation of medicinal products; • apply ointments, powders; • inject drops into the eyes, ears, nose; • subcutaneous, intradermal, intramuscular administration of drugs; • to prevent the complications arising from parenteral drug administration	use of external medicinal products: drops, ointments, powders; • technique of inhalation methods of drug administration; technique of parenteral use of drugs (subcutaneous, intradermal, intramuscular) and ways to prevent its complications
8.	OPK-10 OPK-11	Observation and care for patients with diseases of various body systems, including for dying patients. Provision of pre-hospital care in emergency conditions.	features of observation and care of sick diseases of respiratory, cardiovascular, digestive, excretory systems; • Assessment of the general condition of the patient (including anthropometric data), its appearance, skin color, pulse, blood pressure, respiratory rate, temperature,	conduct anthropometry of patients; • carry out thermometry; • monitor the parameters of hemodynamics and respiration; • measure daily diuresis; • Carry out oxygen therapy; • provide first aid for: – hyperthermia; – coughing, shortness of breath, suffocation;	Definition of the main anthropometric indicators (height, weight, waist circumference and chest); • carrying out thermometry; • Counting the number of respiratory movements, heart rate; • technique of measuring blood pressure; • measurement of daily diuresis; • carrying out

			diuresis; • methods of supplying oxygen; • Principles of providing first aid for emergency situations; • features of monitoring and care for severe and agonizing patients; rules for handling a corpse •	– hemoptysis, – nasal, pulmonary and gastrointestinal bleeding, – pain in the region of the heart; – acute cardiac and vascular insufficiency (syncope, collapse); Hypertensive crisis; – vomiting, heartburn and flatulence; – Anaphylactic shock; • perform elements of cardiopulmonary resuscitation (closed heart massage, artificial respiration); to recognize signs of clinical and biological death •	thermometry; • Carrying out oxygen therapy • The technique of the first pre-hospital care for: – hyperthermia; – coughing, shortness of breath, suffocation; – hemoptysis and bleeding, – pain in the region of the heart; – acute cardiac and vascular insufficiency; Hypertensive crisis; – vomiting, heartburn and flatulence; – Anaphylactic shock; execution of a certain sequence of actions for handling the corpse.
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### 3. Indication of the place of practice in the structure of the educational program

Production practice "Assistant to the ward nurses" refers to the Unit 2 of the of the federal state educational standard of higher education "Educational and Production Practices" on specialty 31.05.01 "Medical Faculty"

### 4. Indicate the amount of practice in credit units and its duration in weeks, or in academic or astronomical hours

№ № n/n	Type of work	Total credits	Total hours	Semesters
				IV
				часов
1	2	3	4	5
1	Contact work of students with teacher (total), including	1,7	60	60
2	Independent Student Work (CDS)	0,8	30	30

<b>3</b>	Type of intermediate attestation	set-off			
		exam	+	+	+
<b>4</b>	TOTAL: Total labor intensity	hours			
		3ET	<b>2,5</b>	<b>90</b>	<b>90</b>

### 5. Content of practice

<i>N<sup>o</sup> n/n</i>	<i>N<sup>o</sup> semester</i>	Name of the practice section	Total hours
1	2	3	4
1.	<b>IV</b>	Acquaintance with the organization of work of the admission and therapeutic departments and functional duties of the junior and middle medical staff.	6
2.		Maintenance of sanitary-hygienic and treatment-protective mode of separation.	12
3.		Sanitary treatment of the patient.	12
4.		Transportation of patients.	12
5.		Personal hygiene of the patient and medical staff. Nutrition of patients.	12
6.		The simplest physiotherapy procedures. Preparation of patients for laboratory-instrumental methods of research.	12
7.		Ways of using medicines. •	12
8.		Observation and care for patients with diseases of various body systems, including for dying patients. Provision of pre-hospital care in emergency conditions.	12
<b>TOTAL:</b>			<b>90</b>

### 6. Specification of reporting forms for practice

- Diary of industrial practice;
- Report of the head of production practice.

### 7. The Fund for Evaluation Means for Intermediate Attestation of Students in Practice

<i>N<sup>o</sup> n/n</i>	List of competences	<i>N<sup>o</sup> Semesters</i>	Indicator (s) assessments	The evaluation criterion (s)	Scale of evaluation	Name the FOS
1	2	3	4	5	6	7
1	OPK-4 OPK-6	<b>IV</b>	see the standard for	see the standard for	see the standard for	-examination tickets;



	OPK-8 OPK-10 OPK-11		assessing the quality of education, approved. By order of the State Insurer of the Higher Professional Education of the Ministry of Health of the Russian Federation of August 20, 2014, No.211 / o	assessing the quality of education, approved. By order of the State Insurer of the Higher Professional Education of the Ministry of Health of the Russian Federation of August 20, 2014, No.211 / o	assessing the quality of education, approved. By order of the State Insurer of the Higher Professional Education of the Ministry of Health of the Russian Federation of August 20, 2014, No.211 / o	-situational tasks; -test control
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**8. List of educational literature and resources of the "Internet" network, necessary for conducting the practice**

№ n/n	Name	Authors)	Year, place of publication	Number of copies	
				at library	On department
1	2	3	4	5	6
	Educational-methodical manual "General principles of patient care in the therapeutic department"	Totrov I.N. Medoeva A.S Ambalova S.A. and others	Vladikavkaz	in electronic form	in electronic form

**8. Internet resources:**

www.studentmedlib.ru  
www.studentlibrary.ru  
www.rosmedlib.ru  
www.meduniver.ru  
www.elibrary.ru

**9. List of information technologies used in the practice, including a list of software and information reference systems**

"Consultant Plus"  
EBS "Student consultant"  
Microsoft Office  
Internet Explorer

**10. Description of the material and technical base necessary for conducting the practice**

<i>№/ n</i>	Name of equipment	number	Technical condition
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>
<b>fantom</b>			
1.	Dummy for patient care Nursing Kelly (in a set of membranes 3 pcs)	1	suitable
2.	A mannequin simulating half the torso of an adult man, for training the skills of probe feeding	2	suitable
3.	Mannequin for the diagnosis of abdominal diseases	1	suitable
4.	A simulator for training feces evacuation in patients with bed rest and enema	1	suitable
5.	Mannequin man's arm machine for practicing BP measurement skills	3	suitable
6.	Simulator for physical examination of cardiac patient UMHARVEY	1	suitable
7.	Dummy-simulator 12 ECG leads (In someone with the device for recording ECG), USA	1	suitable
8.	Exerciser for Intramuscular Injection in the Buttock	2	suitable
9.	The simulator is a pad for training insulin injection skills	4	suitable
10.	Educational demonstration model of female catheterization	1	suitable
11.	Combined catheterization simulator (male, female)	1	suitable
12.	Mannequin Simulator Animated Anna	5	suitable

**12. Description of the material and technical base necessary for the implementation of the educational process discipline**

<i>№/ n</i>	Name of equipment	amount	Technical condition
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>
<b>Special equipment</b>			
1.	Power Point presentations throughout the lecture course and topics of practical training	According to the lecture course	WELL
2.	Tables	According to the lecture	WELL

		course	
3.	Electrocardiograms, electrocardiographs	100-150 шт.	WELL
4.	Radiographs.	50-100 шт.	WELL
5.	Tonometer, phonendoscope.	According to the number of students in groups	WELL
6.	Film: "Propaedeutics of Internal Diseases".	On the themes of practical exercises	WELL
7.	Audio CD with sounds recorded at auscultation of the lungs and heart	On the themes of practical exercises	WELL
8.	Sets of laboratory clinical, biochemical analyzes, ultrasound data (Echo-KG), external respiration test data (spiograms); situational tasks	On the themes of practical exercises	WELL
<b>fantom</b>			
9.			
<b>Mock-ups</b>			
10.	Dummy for practicing lung auscultation skill	1	Excellent
11.	A model for testing the skill of auscultation of the heart	1	Excellent
12.	A model for working out the skill of resuscitation (indirect heart massage and artificial ventilation)	1	Excellent

### 13. Conducting educational activities using e-learning and distance learning technologies

In the conditions of the introduction of restrictive measures (quarantine) associated with an unfavorable epidemiological situation, the threat of the spread of a new coronavirus infection and other force majeure events that do not allow conducting training sessions in full-time, it is possible to study this discipline or part of it with the use of e-learning and distance educational technologies.

Teaching the discipline in the above situations will be carried out through the development of an electronic course with access to video lectures and interactive course materials: presentations, articles, additional materials, tests and various tasks. When conducting training sessions, current performance monitoring, as well as intermediate certification of students, the platforms of the electronic information and educational environment of the academy and/or other e-learning systems recommended for use in the academy, such as Moodle, Zoom, Webinar, etc., can be used.

Lectures can be presented in the form of audio, video files, "live lectures", etc.

Seminars and practical classes can be held on-line in both synchronous and asynchronous mode. Seminars can be held in the form of web conferences

СОГЛАСОВАНО  
Зав. библиотекой

*Л. В. Логман*

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