


Ministry of Science and High Education of RF Ulyanovsk State University Medical faculty of T.Z. Biktimirov, IMEiPC	Form	
F – Educational program of practice of HE (specialty)		



APPROVED BY
by the decision of the Academic Council of the USU
Institute of Medicine, Ecology and Physical Culture
22 06 2020 Record No. 10/220
Middleton K.I.
(Signature, Name)
« 22 » 06 2020.

**EDUCATIONAL PROGRAM OF THE PRACTICE
«Junior medical staff assistant»**

Practice	Junior medical staff assistant
Method and Form	Stationary; concentered practice
Faculty	Medical faculty of T.Z. Biktimirov
Name of department	Propedeutics of internal diseases; Department of general and operative surgery with topographic anatomy and the course of dentistry
Course	1

Direction (specialty) 31.05.01 General medicine

(code of direction (specialty), full name)

Orientation (structure/specialization): is not provided
full name

The form of training full-time

Date of introduction into the academic process at Ulyanovsk State University

«1» 09 2020

Revised at the Department meeting, Record №. _____ of _____ 20 _____


Revised at the Department meeting, Record №. _____ of _____ 20 _____

Revised at the Department meeting, Record №. _____ of _____ 20 _____

Information about developers:

Full name	Abbreviation of Department	Academic, degree, title
Smirnova Anna Yu.	Propedeutics of internal diseases	PhD, Associated professor
Chernova N.G.	Propedeutics of internal diseases	Senior Lecturer
Makarov S.V.	General and operative surgery with topographic anatomy and the course of dentistry	PhD, Associated professor

AGREED
Head of the Graduating Department
<i>M. Hripunova</i> Vize-Hripunova M.V. <small>(Signature) (Name)</small>
«22» 06 2020

Ministry of Science and High Education of RF Ulyanovsk State University Medical faculty of T.Z. Biktimirov, IMEiPC	Form	
F – Educational program of practice of HE (specialty)		

1. The course aims and objectives

The aim of the practice of the 1 course students is to consolidate skills for the care of patients, the use of medical equipment and instruments, experience of independent work as assistant nurses by participating in the activities of the Department.

Objectives.

In this case, the objectives are to consolidate the theoretical knowledge and practical skills in the care of patients:

- Fixing the rules of asepsis in the areas of the hospital and the organization of a sanitary mode of the functional units of the Department (sanitary-hygienic regime in the wards, emergency Department);
- Consolidation of the rules of clinical hygiene of medical personnel (treatment of hands, body hygiene, dress codes, hospital infection);
- Consolidation of the rules to operate biological materials (hygiene secretions, feeding the seriously ill);
- Consolidation of knowledge on observation and care of patients with pathology of internal organs and systems from the standpoint of the assistant Junior medical staff (help with vomiting, the rules of production of enemas, cans, mustard, preventing bedsores, measuring blood pressure, etc.).

2. Place of the course in the curriculum

The practice B2.B.04 (P). «Junior medical staff assistant» concerns to the block of educational practice B2 «Practices, including research work» for specialty "General Medicine».

The practice «Junior medical staff assistant» is carried out in the 2st semester of 1st year.

Practice to obtain professional skills and experience of professional activity «Practice on reception of primary professional skills, including primary skills of research activity (Care of therapeutic and surgical patients)», «Clinical practice (Care of therapeutic and surgical patients)» are the previous discipline necessary for studying of this course.

Course of practice «Junior medical staff assistant» is basis for course of practices «Ward nurse assistant», «Procedural nurse assistant. Part I», «Procedural nurse assistant. Part II».

3. Proposed results:

Competence index. Content of a competence (or a part of it)	The proposed results of the course students are:
GPC-10: the willingness to organize patients care and provide primary pre-hospital health care	To know: - organization of work and structure of (medical institutions) health care facilities; -emergency prevention of the HIV-infection at a emergency situation; - features of working the admissions office and specialized care units; -the importance of dietary in medical activities to recovery patients, types of therapeutic diets and the




	<p>importance of proper nutrition in treatment measures to patient recovery;</p> <p>To able to:</p> <ul style="list-style-type: none"> -divide patients on department; - care for febrile patients; - carry out the prevention of bedsores; - change underwear and bed linen; -emergency prevention of the HIV-infection at a emergency situation; <p>To own to:</p> <ul style="list-style-type: none"> -the method of hygienic treatment of hands; -performing toilet skin and mucous membrane care of the mouth, eyes, nose, ear of patients undergoing bedrest; - ways of changing of underwear and bed linen of patients undergoing General and bedrest;
<p>GPC-11: the willingness to use medical devices intended for medical care</p>	<p>To know:</p> <ul style="list-style-type: none"> - rules and methods of transporting patients to the hospital; - measure body temperature and is graphically reflected in the temperature sheet; - the rules of specimen collection at diseases of the digestive and respiratory systems; - the technique of refinement urinals. <p>To able to:</p> <ul style="list-style-type: none"> -to transport patients to the hospital; - measuring body temperature and register it in the temperature sheet; -to carry out the simplest physiotherapeutic manipulation; - to conduct a cleansing, enemas; - gastric lavage making; - prepare patient for x-ray and ultrasound methods of investigation; -to collect a urine sample: total, according to Nechyporenko, Zimnitskiy. <p>To own to:</p> <ul style="list-style-type: none"> - rules and methods of transporting patients to the hospital; - the method of disinfection of medical objects and products (thermometers, therapeutic tools, the medical equipment, urinals, the sanitary-and-hygienic equipment etc.); -measurement of body temperature and its registration; -methods using tubes, foam pads anti-decubitus mattress for the prevention of pressure sores; - methods of collection of sputum, vomit, stool, urine; - methods of nutrition of the patients undergoing bedrest; -the method of hygienic treatment of hands before and



	<p>after eating in the bed; -the method of disinfection, handing cutlery after use of the patients.</p>
<p>PC-1: Ability and readiness for realization of a complex of the actions directed on preservation and strengthening of health and including formation of a healthy way of life, the prevention of occurrence and (or) distributions of diseases, their early diagnostics, revealing of the causes and conditions of their occurrence and development, and also directed on elimination of harmful influence on health of the person of factors of environment of dwelling</p>	<p>To know: -technics of cleaning chambers, airings of chambers, technics of the current and final disinfection; -features of working the admissions office and specialized care units; -the method of treatment of patients with lice; -the method of anthropometry; -rules of measuring blood pressure; -rules of measuring arterial pressure, to investigate the pulse on arteries; -rules of calculation respiratory rate and to estimate the result.</p> <p>To able to: -carrying out cleaning chambers, airings of chambers, technics of the current and final disinfection; -carrying out features of working the admissions office and specialized care units; -carrying out anthropometry; -to quantify respiratory motion and to estimate the result; -to measure arterial pressure; -to investigate the pulse on arteries.</p> <p>To own to: -technics of cleaning chambers, airings of chambers, technics of the current and final disinfection; -features of working the admissions office and specialized care units; -the method of treatment of patients with lice; -the method of anthropometry; -rules of measuring blood pressure; -rules of measuring arterial pressure, to investigate the pulse on arteries; -rules of calculation respiratory rate and to estimate the result.</p>

The list of practical skills

1. Sanitary treatment of patients in the emergency Department.
2. Treatment of patients with lice.
3. Transportation of the sick.
4. Anthropometry and its parameters.
5. Feeding of the patients
6. Toilet skin and mucous membrane care of the mouth of patients undergoing bedrest.
7. Toilet skin and mucous membrane care of the eyes of patients undergoing bedrest.
8. Toilet skin and mucous membrane care of the nose of patients undergoing bedrest.

Ministry of Science and High Education of RF Ulyanovsk State University Medical faculty of T.Z. Biktimirov, IMEiPC	Form	
F – Educational program of practice of HE (specialty)		

9. Toilet skin and mucous membrane care of the ear of patients undergoing bedrest.
10. Ways of changing of underwear of patients undergoing General and bedrest.
11. Ways of changing of bed linen of patients undergoing General and bedrest.
12. Prevention of pressure ulcers.
13. Emergency prevention of the HIV-infection at a emergency situation
14. Thermometry,
15. Storage and disinfection of thermometers.
16. Preparation of the patient for ultrasound examination of the abdominal cavity and kidneys
17. Preparation of the patient for fibrogastroduodenoscopy (FGDs)
18. Preparation of the patient for fibrocolonoscopy (FCS)
19. Preparation of the patient for ultrasound examination of the bladder
20. Preparing the patient for a stomach and 12-duodenum x-ray
21. Setting warming compresses.
22. The use of the bladder with ice.
23. The use of the warmer.
24. Calculation of respiratory movements of the patient.
25. The study of the pulse.
26. Measurement of blood pressure.
27. Gastric lavage.
28. Enema.
29. First aid for vomiting.
30. Supply vessel and a urinal.
31. The sputum collection for the clinical trial
32. Collection of stool (feces) for clinical study
33. Urine collection for General analysis
34. The collecting of urine for carrying out research according to Nechyporenko
35. Processing and storage of rubber products, warmers, gastric and intestinal probes
36. Processing and storage of urinals, bedpan
37. General and current cleaning in the Department.


4. Place and date of the practice

1. Public health Agency Ulyanovsk regional clinical hospital
2. State healthcare institution "Central clinical medico-sanitary part of a name of V. A. Egorov
3. Public health Agency Ulyanovsk regional clinical center of specialized types of medical care of a name of E.M.Chuchkalov
4. State healthcare institution Central city clinical hospital
5. Public health Agency Ulyanovsk regional clinical cancer center
6. Public health Agency Ulyanovsk regional clinical Hospital of Veterans of Wars

Date: 2nd semester of 1 course.

5. Content of Practice

Total volume of practice		Duration of practice
Credit units	Hours	Weeks
3	108	
Contact work	12	
Self-work	96	


Ministry of Science and High Education of RF Ulyanovsk State University Medical faculty of T.Z. Biktimirov, IMEiPC	Form	
F – Educational program of practice of HE (specialty)		

6. The structure and Workload

№	Name of sections	The form of practice, including independent work	Quantity of Hours		The form of control
I. Preparatory stage of practice					
			contact work	Self- work	
1	Briefing on safety	Briefing on safety	1	2	Interview, control of the filling of the diary
II. Production stage of practice					
2	<p>Organization of work and sanitary-epidemiological regime in of admission department, therapeutic and surgical departments of the hospital.</p> <p>Anthropometry.</p> <p>Disinfection of medical instruments, materials and means of care.</p> <p>General principles of operation of devices intended for sterilization and disinfection of medical devices (autoclave, ozone chamber, UV chamber).</p> <p>Emergency prevention of the HIV-infection at a emergency situation.</p>	<p>Work in the admissions office, therapeutic and surgical departments of the hospital.</p>	2	18	Interview, control of the filling of the diary and check-list



3	<p>Nutrition of the patients. Nutrition of the patients undergoing bedrest. Disinfection, handing cutlery after use of the patients. The preparation of patients for instrumental investigations: ultrasound examination of abdomine and bladder, EGD, colonoscopy, radiological methods of research of the gastrointestinal tract and kidneys.</p>	<p>Work in the admissions office, therapeutic and surgical departments of the hospital.</p>	1	18	<p>Interview, control of the filling of the diary and check-list</p>
4	<p>Measure body temperature and is graphically reflected in the temperature sheet. Types of fevers. Storage and disinfection of thermometers. Care for febrile patients. Hygiene of the body patient's. Ways of changing of underwear and bed linen of patients undergoing General and bedrest.</p>	<p>Work in the admissions office, therapeutic and surgical departments of the hospital.</p>	2	16	<p>Interview, control of the filling of the diary and check-list</p>
5	<p>Methods of collection of sputum, vomit, stool, urine. First aid for vomiting. Gastric lavage.</p>	<p>Work in the admissions office, therapeutic and surgical departments of the hospital.</p>	2	16	<p>Interview, control of the filling of the diary and check-list</p>

Ministry of Science and High Education of RF Ulyanovsk State University Medical faculty of T.Z. Biktimirov, IMEiPC	Form	
F – Educational program of practice of HE (specialty)		

	Enema. Supply vessel and a urinal.				
6	The use of the method simplest physiotherapeutic manipulation: warming compresses, bladder with ice, warmer. Measurement of blood pressure. Calculation of respiratory movements of the patient. The study of the pulse.	Work in the admissions office, therapeutic and surgical departments of the hospital.	2	16	Interview, control of the filling of the diary and check-list
7	Transportation of the patient. CREDIT	Work in the admissions office, therapeutic and surgical departments of the hospital.	2	10	Interview, control of the filling of the diary and check-list
	Total		12	96	
			108		

* In case of need uses in educational process in part / exclusively remote educational technologies in the table through a slash the quantity of work Professors teaching stuff with trainees for carrying out of practice in a remote format with application of electronic training is underlined.

7. Research and scientific production technologies used in practice:
not provided.

8. Form of interim certification by the end of practice


Test with a mark.

9. Course resources

a) List of recommended literature:

Core reading:

1. Smirnova A. Yu. Patients care with internal diseases. Course of training practice [Электронный ресурс]: textbook of medicine for medicine faculty students / Smirnova A. Yu., V. V. Gnoevykh; Ulyanovsk State University, Institute of Medicine, Ecology and Physical culture. - Электрон. текстовые дан. (1 файл : 3,09 Мб). - Ulyanovsk : ULSU, 2016.-108 с.- Access mode: ftp://10.2.96.134/Text/Smirnova_2016-1.pdf

Ministry of Science and High Education of RF Ulyanovsk State University Medical faculty of T.Z. Biktimirov, IMEiPC	Form	
F – Educational program of practice of HE (specialty)		

2. Ostrovsky V. K.

The general care per surgical patients with elements of first-aid treatment at sharp surgical diseases and injuries : educational and methodical edition for students of 1 course in "Medical business" and "Pediatrics" / V. K. Ostrovsky; translated by D. N. Isaev; Ulyanovsk State University, Institute of Medicine, Ecology and Physical culture. - Ulyanovsk : UISU, 2015. - 92 с. - Текст на англ. яз. - Библиогр.: с. 91. - б/п.

3. Gostishchev Victor Kuzmich.

General surgery = A guide to general surgery practice: the manual : textbook for foreign students of medical higher educational institutions / Gostishchev Victor Kuzmich. - Moscow: GEOTAR-Media, 2018. - 219 p. : il. - Парал. тит. л. рус. - ISBN 978-5-9704-4697-3 : 900.00.

Supplementary reading:

1. Oslopov V.N., Epiphany O.V., et al..

General care. Training manual. Part 1. General care of a patient. Manual. Part 1 – Kazan: KSMU, 2005. – 106 с. Access mode: <http://oslopov-kazan.ru/wordpress/wp-content/uploads/2014/02/General-care-of-a-Patient.-Part-1.pdf>

2. Oslopov V.N., Epiphany O.V., et al..

General care. Training manual. Part 2. General care of a patient. Manual. Part 2 – Kazan: KSMU, 2005. – 114 с. Access mode: <http://oslopov-kazan.ru/wordpress/wp-content/uploads/2014/02/General-care-of-a-Patient.-Part-2.pdf>

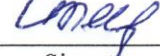
educational-methodical reading:

1. Chernova N.G. Methodical manual on clinical practice of 1st year students "Junior medical staff assistant" for the student/N.G. Chernova, A.Yu. Smirnova; edited by Gnoevykh V.V. - Ulyanovsk, Ulsu, 2020.-p.12;

2. Chernova N.G. Methodical manual on clinical practice of 1st year students "Junior medical staff assistant" for the teacher/N.G. Chernova, A.Yu. Smirnova; edited by Gnoevykh V.V. - Ulyanovsk, Ulsu, 2020.-p.13;

3. Chernova N.G. Methodical manual on clinical practice of 1st year students "Junior medical staff assistant" for independent work of the student/N.G. Chernova, A.Yu. Smirnova; edited by Gnoevykh V.V. - Ulyanovsk, Ulsu, 2020.-p.31.

Agreed:

____ Chief Librarian _ / ____ Стадольникова Д.Р. ____ /  / ____ 05/06/2020 ____
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в) software:

title agreement


ATP Consultant Plus Contract No.

NEB RF

EBS IPRBooks

AIBS "MegaPro"

System "Anti-plagiarism. University"

Ministry of Science and High Education of RF Ulyanovsk State University Medical faculty of T.Z. Biktimirov, IMEiPC	Form	
F – Educational program of practice of HE (specialty)		

Microsoft Windows
Microsoft Office 2016
MyOffice Standard
Automated information system “Vitacor RMIS”
StatisticaBasicAcademicforWindows 13

c) databases, reference and search systems:

1. Electronic library systems:

1.1. IPRbooks: electronic library system: website / group of companies AI PI Ar Media. - Saratov, [2020]. - URL: <http://www.iprbookshop.ru> – - access Mode: for registered users. users'. - Text: electronic.

1.2. YURAYT: electronic library system: website / LLC Electronic publishing house YURAYT. - Moscow, [2020]. - URL: <https://www.biblio-online.ru> – - access Mode: for registered users. users'. - Text: electronic.

1.3. student Consultant: electronic library system: website / Politehresurs LTD. - Moscow, [2020]. - URL: http://www.studentlibrary.ru/catalogue/switch_kit/x2019-128.html. - Access mode: for registered users. users'. - Text: electronic.

1.4. LAN: electronic library system: website / EBS LAN LLC. - Saint Petersburg, [2020]. - URL: <http://www.studentlibrary.ru/pages/catalogue.html> <https://e.lanbook.com> – - access Mode: for registered users. users'. - Text: electronic.

1.5. Znanium.com : e-library system : website / OOO Synium. - Moscow, [2020]. - URL: <http://www.studentlibrary.ru/pages/catalogue.html> <http://znanium.com> – - access Mode: for registered users. users'. - Text: electronic.

1.6. Clinical Collection: collection for medical universities, clinics, medical libraries // EBSCOhost : [portal]. - URL: <http://web.a.ebscohost.com/ehost/search/advanced?vid=1&sid=e3ddfb99-a1a7-46dd-a6eb-2185f3e0876a%40sessionmgr4008>. - access Mode: for authorization. users'. - Text: electronic.

2. ConsultantPlus [Electronic resource]: reference legal system. / Consultant Plus LLC-Electron. Dan. - Moscow: ConsultantPlus, [2020].

3. databases of periodicals:

3.1. database of periodicals: electronic journals / LLC IVIS. - Moscow, [2020]. - URL: <https://dlib.eastview.com/browse/udb/12> – - access Mode: for authorization. users'. - Text: electronic.


3.2. eLIBRARY.RU: scientific electronic library: website / LLC Scientific Electronic Library. - Moscow, [2020]. - URL: <http://elibrary.ru> – - access Mode: for authorization. users'. - Text: electronic

3.3. "Grebennikon": electronic library / Grebennikov ID. - Moscow, [2020]. - URL: <https://id2.action-media.ru/Personal/Products> – - access Mode: for authorization. users'. - Text: electronic.

4. national electronic library: electronic library: Federal state information system: website / Ministry of culture of the Russian Federation; RSE. - Moscow, [2020]. - URL: <http://www.studentlibrary.ru/pages/catalogue.html> <https://нэб.рф> – - access Mode: for users of the scientific library. - Text: electronic.

5. SMART Imagebase / / EBSCOhost: [portal]. - URL: <https://ebsco.smartimagebase.com/?TOKEN=EBSCO-1a2ff8c55aa76d8229047223a7d6dc9c&custid=s6895741> – - access Mode: for authorization. users'. - Image : electronic.

6. Federal information and educational portals:

Ministry of Science and High Education of RF Ulyanovsk State University Medical faculty of T.Z. Biktimirov, IMEiPC	Form	
F – Educational program of practice of HE (specialty)		

6.1. Single window of access to educational resources: Federal portal / founder of the Federal state educational INSTITUTION DPO CRGOP and it. - URL: <http://window.edu.ru/>. - Text: electronic.

6.2. Error! Invalid hyperlink object. Russian education: Federal portal / founder of the Federal state educational INSTITUTION DPO CRGOP and it. - URL: <http://www.edu.ru.> - Text: electronic.

7. Ulsu Educational resources:

7.1. Ulsu Electronic library: ABIS Mega-PRO module / date Express LLC. - URL: <http://lib.ulsu.ru/MegaPro/Web> – - access Mode: for users of the scientific library. - Text: electronic.

7.2. Ulsu Educational portal. - URL: <http://edu.ulsu.ru> – - access Mode: for registered users. - Text: electronic.

Agreed:

Зам. зав. кафедрой 1. Кузнецов Д.С. Д.С. Кузнецов 5.06.20
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10. Material support of discipline


The following clinical bases chambers and offices are used for practice on the basis of agreements on free use of premises

1. Public health Agency Ulyanovsk regional clinical hospital - 432017, Ulyanovsk region, Ulyanovsk, ul 3 international, d 7 (therapeutic building)
2. State healthcare institution "Central clinical mediko- sanitary part of a name of V. A. Egorov - 432008, Ulyanovsk region, Ulyanovsk g, R-n Zaslavyazhskiy, street Lihacheva, d. 12
3. Public health Agency Ulyanovsk regional clinical center of specialized types of medical care named by Cuchkalov E.M. - 432071, Ulyanovsk region, city Ulyanovsk, Ryleeva street, №30/30
4. State healthcare institution "Central city clinical hospital" - 432057, Ulyanovsk region, Ulyanovsk, street Orenburg, d. 27
5. Public health Agency Ulyanovsk regional clinical cancer center - 432017, Ulyanovsk oblast, g Ulyanovsk, street of the 12th of September, 90
6. Public health Agency Ulyanovsk regional clinical Hospital of Veterans of Wars - 432020, Ulyanovsk region, Ulyanovsk, ul. Kuznetsova, 26.

11. Special conditions for students with disabilities

Students with disabilities and disabilities are trained together with other students (in the study group) or individually (on the personal application of the student).

The determination of places of practice for students with disabilities and disabilities is carried out taking into account the state of health and the requirements for their availability for this category of students. At determination of places and conditions (taking into account nosological group and group of disability of the trained) of practical training on obtaining professional skills and experience of professional activity of the trained for this category of persons individual features of the trained, and also the recommendations of medical and social examination reflected in the individual program of rehabilitation concerning the recommended conditions and types of work are considered.

Ministry of Science and High Education of RF Ulyanovsk State University Medical faculty of T.Z. Biktimirov, IMEiPC	Form	
F – Educational program of practice of HE (specialty)		

In determining the place of practice for students with disabilities and disabilities, special attention is paid to safety and equipment (equipment) of the workplace.

Workplaces for practice are provided by the profile organization in accordance with the following requirements:

- for students with disabilities and visually impaired - visually impaired: equipping a special workplace with General and local lighting, ensuring unhindered finding of the specified person of the workplace and the performance of individual tasks, the presence of video magnifiers, magnifying glass;

- for students with disabilities and the visually impaired - blind: vehicle specific workplace heat reference points and devices with the ability to use large boldly-contrasting font and Braille, acoustic navigation, which will enable easy finding a person in your workplace and individual assignments;

- for students with disabilities and hard of hearing – hard of hearing: equipment (equipment) of a special workplace sound amplifying equipment, telephones for the hard of hearing;

- for students with disabilities and hearing – deaf: equipping a special workplace visual indicators that convert sound signals into light, speech signals into a text running line, for the smooth finding of the specified person of his workplace and the performance of individual tasks;


- for students with disabilities and hearing impaired – with a violation of the musculoskeletal system: equipment that ensures the implementation of ergonomic principles (the most convenient for the disabled location of the elements that make up the workplace); mechanisms and devices that allow you to change the height and slope of the working surface, the position of the seat of the working chair in height and inclination, the angle of the back of the working chair; equipment with a special seat. compensating for the effort of getting up, special devices for the management and maintenance of this equipment.

Conditions of the organization and practice, preparation of reporting materials, carrying out of the current control and interim certification in practice is provided in accordance with the following requirements:


- Volume, rate, forms of performance of an individual task for the period of practice are established individually for each student of the specified categories. Depending on the nosology, contraindicated (visual, sound, muscle and other) loads are maximally reduced.


- Educational and teaching materials on practice are presented in various forms so that students with disabilities and disabilities with hearing impairments receive information visually (documentation on practice is printed in large print; video materials and visual materials on the content of the practice are provided), with visual impairment – auditory (for example, with the use of speech synthesizer programs) or with the help of tifloinformation devices.


- The form of carrying out the current control of progress and intermediate certification for students with disabilities and disabled people is established taking into account individual psychophysical features (orally, in writing, by means of the computer, in the form of testing, etc.). If necessary, the student is given additional time to prepare a response and (or) protect the report;

Ministry of Science and High Education of RF Ulyanovsk State University Medical faculty of T.Z. Biktimirov, IMEiPC	Form	
F – Educational program of practice of HE (specialty)		

- In case of need uses in educational process in part / exclusively remote educational technologies, the organization of work Professors teaching staff with trainees with students with disabilities and disabled people and invalids by all kinds practices is provided in the electronic information educational environment in view of their individual psychophysical features.

Developers  Associated professor of the department
Propedeutics of internal diseases Smirnova A.Yu.
Signature Position Full name

-  Senior Lecturer of the department
Propedeutics of internal diseases Chernova N.G.
Signature Position Full name

 Associated professor of the department general and operative
Surgery with topographic anatomy and the course dentistry Makarov S.V.
Signature Position Full name