

Ministry of science and high education RF Ulyanovsk State University	Form	
F-Educational plan of the practice		

APPROVED BY
by the decision of the Academic Council of the USU
Institute of Medicine, Ecology and Physical Culture
17.05.2023 Record No. 9/250
Chairman, _____ Midlenko V.I.
(Signature, Name)
«17» May 2023



EDUCATIONAL PLAN OF PRACTICE
«Junior medical staff assistant»

Practice	Junior medical staff assistant
Method and form	Stationary; concentered practice
Faculty	Medicine named after T.Z. Biktimirov
Name of department	Propedeutics of internal diseases
Course	1

Direction (specialty) 31.05.01 General medicine (specialty level)

(code of direction (specialty), full name)

Orientation (profile) not provided

(full name)

Form of training full-time

Date of introduction into the academic process at Ulyanovsk State University 1.09.2023

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

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

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

Information about developers

Initials	Abbreviation of the department	Degree, scientific rank
Chernova N.G.	Propedeutics of internal diseases	Senior Teacher

Agreed
Head of the graduating Department
 /Vize-Khripunova M.A./ <small>Signature Full name</small>
«18» 04 2023

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1. THE PRACTICE AIMS AND OBJECTIVES

The aim of the practice 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 of the practice.

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 «Junior medical staff assistant» concerns to the block of educational practice B2 Practice, obligatory part for specialty "General Medicine».

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

The practice «Patient care of a therapeutic profile» is the previous discipline necessary for studying of this course.

The practice «Junior medical staff assistant» is basis for practices and disciplines: Pathological anatomy, Propedeutics of internal diseases, Scientific text analysis, Scientific style of speech, General surgery. Introduction to the specialty, Topical questions of andrology, Topographic anatomy and operative surgery, Dentistry, Otorhinolaryngology, Faculty therapy, Neurology, medical genetics, neurosurgery, Faculty surgery, Pediatrics, Obstetrics and gynecology, Dermatovenereology, Urology and Andrology, Ophthalmology, Psychiatry, medical psychology, Endocrinology, Infectious diseases, Hospital surgery, pediatric surgery, Hospital therapy, Traumatology, orthopedics, Forensic Medicine, Topical questions of gynecology, Phthisiology, Preparation for passing and passing the state exam, Oncology, radiation therapy, Radiation diagnostics, Modern aspects of oncology, Topical questions of internal medicine, Diagnosis and treatment of extrapulmonary tuberculosis, Surgical gastroenterology and endoscopy, Associated injury, Clinical electrocardiography, Familiarization practice, Ward nurse assistant, Preparing for clinical practice, Nurse assistant, Practice on reception of professional skills and professional experience in the positions of paramedical personnel, Diagnostic practice, Inpatient physician assistant.

3. LIST OF EXPECTED RESULTS OF INSTRUCTION ON THE SUBJECT (UNIT), CORELATED WITH PLANNED RESULTS OF COMPLETING THE PROGRAM

The study of the practice «Junior medical staff assistant» within the completion of the educational program is directed towards the formation of the following general and professional competences in students:



Code and name of the general professional competence	Code and name of the indicator of achievement of general professional competence
<p>GPC-4: the willingness to use medical devices intended for medical care, as well as conduct examinations of the patients in order to establish a diagnosis.</p>	<p>IA-1 GPC-4 To know: - rules and methods of transporting patients to the hospital; - measuring body temperature and register it in the temperature sheet; - the rules of specimen collection at diseases of the digestive and respiratory systems; - the technique of refinement urinals; -technics of cleaning chambers, airings of chambers, technics of the current and final disinfection; -methods and ways of sanitary treatment of patients in the admission Department. -the method of treatment of patients with lice.</p> <p>IA-2 GPC-4 To able to: -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. -carry out cleaning chambers, airings of chambers, technics of the current and final disinfection; -carry out sanitary treatment of patients in the admission Department.</p> <p>IA-3 GPC-4 To own to: - 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 after eating in the bed; -the method of disinfection, handing cutlery after use of the</p>



<p>PC-2: the willingness to collect and analyze patient complaints, data from his anamnesis, examination results, laboratory, instrumental, pathological and anatomical and other studies in order to recognize a condition or establish the presence or absence of a disease</p>	<p>patients.</p> <p>To know:</p> <ul style="list-style-type: none"> - organization of work and structure of (medical institutions) health care facilities; -features of working the admissions office and specialized care units; -emergency prevention of the HIV-infection at a emergency situation; -the importance of dietary in medical activities to recovery patients, types of therapeutic diets and the importance of proper nutrition in treatment measures to patient recovery; -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>To able to:</p> <ul style="list-style-type: none"> - change underwear and bed linen; -divide patients on department; - care for febrile patients; - carry out the prevention of bedsores; -carry out emergency prevention of the HIV-infection at a emergency situation; -carrying out anthropometry; -to quantify respiratory motion and to estimate the result; -to measure arterial pressure; -to investigate the pulse on arteries. <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; -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.
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4. PLACE AND DATE OF THE PRACTICE

1. State Health Institution Ulyanovsk regional clinical hospital
2. State Health Institution «Central clinical medico-sanitary part of a name of V. A. Egorov»

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3. State Health Institution «Ulyanovsk regional clinical center of specialized types of medical care of a name of E.M.Chuchkalov»
4. State Health institution «Central city clinical hospital of Ulyanovsk»
5. State Health Institution Regional clinical oncological center
6. State Health Institution «Ulyanovsk regional clinical Hospital of Veterans of Wars»
7. State Health Institution «City hospital №2»
8. State Health Institution City hospital №3

Date: 2nd semester of 1 course.

5. CONTENT OF PRACTICE

Total volume of practice		Duration of practice
Credit units	Hours	Weeks
3	108	2
Contact work	12	
Self-work	96	

6. THE STRUCTURE AND WORKLOAD

№	Name of sections and themes	The form of practice, including independent work	Quantity of Hours		The form of control
I. Preparatory stage of practice					
			The volume of hours of the contact work of the student with the teacher	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	Organization of work and sanitary-epidemiological regime in of admission department, therapeutic and surgical departments of the hospital.	Work in the admissions office, therapeutic and surgical departments of the hospital.	2	18	Interview, control of the filling of the diary and check-list



	<p>Anthropometry. Disinfection of medical instruments, materials and means of care. General principles of operation of devices intended for sterilization and disinfection of medical devices (autoclave, ozone chamber, UV chamber). Emergency prevention of the HIV-infection at a emergency situation.</p>				
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.</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>



	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.				
5	Methods of collection of sputum, vomit, stool, urine. First aid for vomiting. Gastric lavage. Enema. Supply vessel and a urinal.	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
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		

* If it is necessary to use partially or exclusively remote educational technologies in the educational process, the table shows the number of hours of work of teaching staff with students for

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conducting classes in a remote format using e-learning.

7. RESEARCH AND SCIENTIFIC PRODUCTION TECHNOLOGIES USED IN PRACTICE

Not provided.

8. INTERIM CERTIFICATION

Test with a mark.

Test with a mark is carried out on the basis of monitoring the fulfillment of individual tasks by observing the student's activities during the period of internship, analyzing documents confirming the fulfillment of all tasks in accordance with the Education program of the practice, assessing the formation of all competencies for this type of practice, using the Evaluation funds of the practice.

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.
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

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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.

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9. EDUCATIONAL AND METHODOICAL AND INFORMATION SUPPORT OF PRACTICE

a) List of recommended literature:

Core reading:

1. Smirnova A. Yu. General care of patients with internal organs diseases. Course of training practice : Textbook of Medicine for medicine faculty students for self-independent work / Smirnova A. Yu. , V. V. Gnoevykh, B. B. Гноевых; Ulyanovsk State University, Insitute of Medicine, Ecology and Physical culture. - Ulyanovsk : ULSU, 2019. - Текст на англ. яз.; Загл. с экрана. - Электрон. текстовые дан. (1 файл : 2,47 МБ). - Текст : электронный. <http://lib.ulsu.ru/MegaPro/Download/MObject/1443>

2. Гостищев, В. К. General surgery / The manual. - М. : GEOTAR-Media, 2020. - 220 p. - 220 с. - ISBN 978-5-9704-5439-8. - Текст : электронный // ЭБС "Консультант студента" : [сайт]. - URL : <https://www.studentlibrary.ru/book/ISBN9785970454398.html>

Supplementary reading:

1. 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, Insitute of Medicine, Ecology and Physical culture. - Ulyanovsk : ULSU, 2015. - На англ. яз.; Загл. с титул. экрана; Электрон. версия печ. публикации. - Электрон. текстовые дан. (1 файл : 121 Кб). - Текст : электронный. <http://lib.ulsu.ru/MegaPro/Download/MObject/3>

2. Oslopov, V. N. General Care of a Patient : tutorial / V. N. Oslopov, O. V. Bogoyavlenskaya. -Moscow : GEOTAR-Media, 2021. - 208 p. : il. - 208 с. - ISBN 978-5-9704-6042-9. - Текст : электронный // ЭБС "Консультант студента" : [сайт]. - URL : <https://www.studentlibrary.ru/book/ISBN9785970460429.html>

Educational and methodical literature

1. Chernova N. G. Methodical instructions for self-independent work of the student of practice "Junior medical staff assistant" for specialty 31.05.01 «General medicine» / N. G. Chernova. - Ulyanovsk : ULSU, 2021. - 32 с. - Неопубликованный ресурс. - URL: <http://lib.ulsu.ru/MegaPro/Download/MObject/10603>. - Режим доступа: ЭБС УлГУ. - Текст : электронный.

AGREED:

Специалист библиотеки *Александров* *Александр* *18.04.2023*

The position of the worker scientific library

Full name

signature

data

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b) Software:

Система «Антиплагиат.ВУЗ»
 ОС MicrosoftWindows
 MicrosoftOffice 2016
 Мой Офис Стандартный

c) Professed data base, directory and search systems:

1. Электронно-библиотечные системы:

1.1. Цифровой образовательный ресурс IPRsmart : электронно-библиотечная система : сайт / ООО Компания «Ай Пи Ар Медиа». - Саратов, [2023]. – URL: <http://www.iprbookshop.ru>. – Режим доступа: для зарегистрир. пользователей. - Текст : электронный.

1.2. Образовательная платформа ЮРАЙТ : образовательный ресурс, электронная библиотека : сайт / ООО Электронное издательство «ЮРАЙТ». – Москва, [2023]. - URL: <https://urait.ru>. – Режим доступа: для зарегистрир. пользователей. - Текст : электронный.

1.3. База данных «Электронная библиотека технического ВУЗа (ЭБС «Консультант студента») : электронно-библиотечная система : сайт / ООО «Политехресурс». – Москва, [2023]. – URL: <https://www.studentlibrary.ru/cgi-bin/mb4x>. – Режим доступа: для зарегистрир. пользователей. – Текст : электронный.

1.4. Консультант врача. Электронная медицинская библиотека : база данных : сайт / ООО «Высшая школа организации и управления здравоохранением-Комплексный медицинский консалтинг». – Москва, [2023]. – URL: <https://www.rosmedlib.ru>. – Режим доступа: для зарегистрир. пользователей. – Текст : электронный.

1.5. Большая медицинская библиотека : электронно-библиотечная система : сайт / ООО «Букап». – Томск, [2023]. – URL: <https://www.books-up.ru/ru/library/>. – Режим доступа: для зарегистрир. пользователей. – Текст : электронный.

1.6. ЭБС Лань : электронно-библиотечная система : сайт / ООО ЭБС «Лань». – Санкт-Петербург, [2023]. – URL: <https://e.lanbook.com>. – Режим доступа: для зарегистрир. пользователей. – Текст : электронный.

1.7. ЭБС Znanium.com : электронно-библиотечная система : сайт / ООО «Знаниум». - Москва, [2023]. - URL: <http://znanium.com>. – Режим доступа : для зарегистрир. пользователей. - Текст : электронный.

2. КонсультантПлюс [Электронный ресурс]: справочная правовая система. / ООО «Консультант Плюс» - Электрон. дан. - Москва : КонсультантПлюс, [2023].

3. Базы данных периодических изданий:

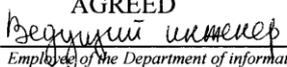
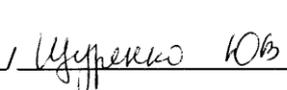
3.1. eLIBRARY.RU: научная электронная библиотека : сайт / ООО «Научная Электронная Библиотека». – Москва, [2023]. – URL: <http://elibrary.ru>. – Режим доступа : для авториз. пользователей. – Текст : электронный

3.2. Электронная библиотека «Издательского дома «Гребенников» (Grebinnikon) : электронная библиотека / ООО ИД «Гребенников». – Москва, [2023]. – URL: <https://id2.action-media.ru/Personal/Products>. – Режим доступа : для авториз. пользователей. – Текст : электронный.

4. Федеральная государственная информационная система «Национальная электронная библиотека» : электронная библиотека : сайт / ФГБУ РГБ. – Москва, [2023]. – URL: <https://нэб.рф>. – Режим доступа : для пользователей научной библиотеки. – Текст : электронный.

5. Российское образование : федеральный портал / учредитель ФГАУ «ФИЦТО». – URL: <http://www.edu.ru>. – Текст : электронный.

6. Электронная библиотечная система УлГУ : модуль «Электронная библиотека» АБИС МераПРО / ООО «Дата Экспресс». – URL: <http://lib.ulsu.ru/MegaPro/Web>. – Режим доступа : для пользователей научной библиотеки. – Текст : электронный.

AGREED
 /  /  / 18.04.2023.
 Employee of the Department of information technology and telecommunications Full name Signature Date

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10. EDUCATIONAL AND METHODOLOGICAL AND INFORMATION SUPPORT OF PRACTICE

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

1. State Health Institution Ulyanovsk regional clinical hospital - 432017, Ulyanovsk region, Ulyanovsk, street 3 international, 7 (therapeutic building)
2. State Health Institution "Central clinical mediko- sanitary part of a name of V. A. Egorov» - 432008, Ulyanovsk region, Ulyanovsk , street Lihacheva, 12
3. State Health Institution Ulyanovsk regional clinical center of specialized types of medical care named by Cuchkalov E.M. - 432071, Ulyanovsk region, Ulyanovsk, Ryleeva street, №30/30
4. State Health Institution "Central city clinical hospital of Ulyanovsk" - 432057, Ulyanovsk region, Ulyanovsk, street Orenburg, 27
5. State Health Institution Ulyanovsk regional clinical oncological center - 432017, Ulyanovsk region, Ulyanovsk, street of the 12th of September, 90
6. State Health Institution «Ulyanovsk regional clinical Hospital of Veterans of Wars» - 432020, Ulyanovsk region, Ulyanovsk, street Kuznetsova, 26.
7. State Health Institution «City hospital №2» - 432030, Ulyanovsk region, Ulyanovsk, prospect Narimanova, 99
8. State Health Institution City hospital №3 – 432044, Ulyanovsk region, Ulyanovsk, street Khrustalnaya, 3B.

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.

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 teplotekhnicheskimi 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

