


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

APPROVED BY
by the decision of the Academic Council of the USU
Institute of Medicine, Ecology and Physical Culture
16 «05» 2024. Record № 9/260

Chairman  Mashin V.V.
(Signature, Name)
«16» May 2024

EDUCATIONAL PLAN OF PRACTICE “Project activities”

Practice	Project activities
Method and Form	Stationary; discrete
Name of department	Propedeutics of internal diseases; General and operative surgery with topographic anatomy and the course of dentistry
Course	2

Direction (specialty) 31.05.01 General medicine (specialty level)

(code of direction (specialty), full name)

Orientation (profile) not provided

Form of training full-time

Date of introduction into the academic process at Ulyanovsk State University

« 1 » 09 2024

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 _____

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

Information about developers:

Full name	Abbreviation of Department	Academic, degree, title
Smolkina A.V.	General and operative surgery with topographic anatomy and the course of dentistry	Head of the Department, MD, Professor

AGREED
Head of graduating department hospital therapy
 /Vize-Khripunova M.A./
Signature Full name
« <u>16</u> » <u>05</u> 2024 г.

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1. The course aims and objectives

The formation of a knowledge system in the field of methodology for the development and management of projects and the formation of skills for the phased implementation of projects in educational and professional activities in healthcare

Objectives:

- master the methods and applied tools of project management;
- form a project approach to solving problems of improving management systems in the healthcare system.

2. Place of the course in the curriculum

Educational practice “Project activities” refers to block 2 “Training practice” in the specialty 05.31.01 “Medical business”.


For successful development of practice, knowledge, skills and competencies formed by previous practices and disciplines are required:

- 1) Educational practice “Practice of obtaining primary professional skills, including primary skills of research activities (Care for therapeutic and surgical patients.)” - 2 semester (1 course);
- 2) Educational practice "Clinical practice (Care of therapeutic and surgical patients.)" - 2 semester (1 course);
- 3) Compulsory discipline "Fundamentals of project management" - 3 semester (2 year).


3. Proposed results:

The course is aimed at the following competences:


Competence index. Content of a competence (or a part of it)	The proposed results of the course students are:
UK-2 Able to manage a project at all stages of its life cycle	know: Know the stages of the project life cycle, the stages of its development and implementation able to: To be able to develop a project, taking into account the analysis of alternative options for its implementation, to determine the target stages, the main areas of work own to: Possess project development and management techniques
GPC-9 Able to implement the principles of quality management in professional activities	Know: etiology, pathogenesis, diagnosis, treatment, prevention of the most common surgical diseases; precautions, special clothing; the clinical picture, features of the course and possible complications of the most common diseases occurring in a typical form; features of the provision of medical care in emergency

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	<p> conditions; modern methods of clinical, laboratory and instrumental diagnostics of patients, surgical profile; general principles and peculiarities of diagnostics of hereditary diseases and congenital anomalies; types and methods of modern anesthesia; ways and methods of prevention of postoperative pulmonary complications; features of intensive care; requirements and rules for obtaining informed consent from the patient for diagnostic and treatment procedures; basic principles of diagnostics, treatment and rehabilitation of infectious patients, indications for hospitalization of patients with infectious diseases; peculiarities of collecting highly pathogenic biological materials; implementation of specific and non-specific prophylaxis of infectious diseases; epidemiology of infectious, parasitic and non-infectious diseases, implementation of anti-epidemic measures, protection of the population in the centers of especially dangerous infections, in case of deterioration of the radiation situation and natural disasters; the basics of organizing outpatient and inpatient care for the population, modern organizational forms of work and diagnostic capabilities of the polyclinic service; the main clinical manifestations of skin and sexually transmitted diseases, human immunodeficiency virus (HIV) and sexually transmitted infections; - features of the organization of work with patients with HIV infection; the basics of organizing outpatient and inpatient care for the population, modern organizational forms of work of tuberculosis dispensaries, the main clinical manifestations of tuberculosis of internal organs, features of the organization of work with patients with tuberculosis infection; requirements and rules for obtaining informed consent from the patient for diagnostic and treatment procedures; methods of carrying out urgent measures and indications for hospitalization of patients; the main clinical manifestations of diseases of the nervous system, oncological pathology, especially their diagnosis and monitoring; general principles and peculiarities of diagnostics of hereditary </p>
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	<p>diseases and congenital anomalies of the nervous system.</p> <p>able to:</p> <p>collect a complete medical history of the patient, conduct a survey of the patient, his relatives (collect biological, medical, psychological and social information); conduct a physical examination of a patient of different ages (examination, palpation, auscultation, measurement of blood pressure (BP), determination of pulse characteristics, respiratory rate), send him for laboratory and instrumental examination, for a consultation with specialists; interpret the results of the examination, make a preliminary diagnosis to the patient, outline the amount of additional studies to clarify the diagnosis; formulate a clinical diagnosis; develop a treatment plan taking into account the course of the disease, select and prescribe drug therapy, use non-drug treatment methods, carry out rehabilitation measures for diseases of a surgical profile, identify life-threatening disorders and provide first aid in emergency situations to victims in lesions in emergency situations; determine the presence of a fracture and dislocation, free gas in the abdominal cavity by the X-ray; hydro- and pneumothorax; analyze and evaluate the quality of medical care, the state of health of the population, the influence of lifestyle factors, the environment and the organization of medical care on it; carry out resuscitation and first aid techniques for cardiac arrest, anaphylactic shock, blockage of the upper respiratory tract, collapse, vasovagal attack, epileptic seizure, or other emergency situations that may occur in professional practice.</p> <p>own to:</p> <p>own methods of interviewing a patient, his relatives (collect biological, medical, psychological and social information); methodology for examining a patient of different ages.</p>
<p>PC-6 Ability to apply the basic principles of organization and management in the field of</p>	<p>Know: state policy in the field of public health protection; the basics of organizing medical</p>

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public health protection, in medical organizations and their structural units	care for the population; fundamentals of management, planning, financing of medical organizations and their structural units. Be able to: apply the basic principles of organization and management in the field of public health protection, in medical organizations and their structural units. Own to: methods of calculating and analyzing performance indicators of medical organizations.
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4. Place and date of the practice

Industrial practice is carried out on the following clinical bases:


1. State healthcare institution "Central clinical mediko- sanitary part of a name of V. A. Egorov"
2. State healthcare institution "Central city clinical hospital"
3. Medical Simulation Center.

Date: nd 2 semester of 2 course.

5. Content of Practice

Total volume of practice		Duration of practice
Credit units	Hours	Weeks
3	108	2
contact information	12	
INDEPENDENT WORK	96	


If it is necessary to use partially or exclusively distance learning technologies in the educational process, it should be noted that the total number of hours (c.u.) set by the Department of discipline/specialty for each discipline/practice remains unchanged and is implemented in full. In this case, in the corresponding section of the educational program the total number of hours of work with students in accordance with the educational plan is allocated and the number of hours for conducting classes in a remote format using e-learning (online courses, lectures and seminars in videoconference mode, virtual practical classes, laboratory work in the form of virtual analogues, calculation and graphic works, individual tasks in the electronic information and educational environment, etc.) Training and industrial practice for all areas of discipline/specialties of all forms of training can be partially or fully implemented in a remote format.

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6. The structure and Workload

№	Name of sections	The form of practice, including independent work	Quantity of Hours	The volume of hours of the contact work of the student with the teacher	The form of control
1	Preparatory stage	Analysis and formalization of the task. Development of a solution model. The choice of tools and its rationale. Work planning. Safety briefing.	18	6	Control of the filling of the diary
2	Production Stage: - study of the structure and functions of the organization that accepted the student to practice - practical work in a certain structural unit of the organization	Arrival at the organization with a group leader; meeting with the administration of the organization, safety training; tour of the organization; determination of structural units for work; familiarization with the constituent documents; familiarization with qualification requirements for personnel. Implementation of the project plan under the supervision of the project manager and its adjustment	70	-	Control of the filling of the diary
3	Preparation of a report on the practice of "Project Activities"	Verification of work, preparation of supporting documentation. Preparing to protect the project.	20	6	Control of the filling of the diary
	Total		108	12	

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

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for conducting classes in a remote format using e-learning.

7. Research and scientific production technologies used in practice:

When performing various types of work in practice, "Project Activities", the student gets acquainted with


such scientific and production technologies as:

- technologies for the study of the gastrointestinal tract;
- technology for the study of the musculoskeletal system;
- technology and research of the urinary system;
- endoscopic technologies;
- technology of functional diagnostics;
- technologies for blood sampling and determination of group affiliation.

As a result, students will get acquainted with the structure of medical institutions of various directions on the basis of asepsis and antiseptics.

Questions for monitoring depending on the type and type of practice:

1. Types of instructing students on safety and labor protection
2. Basic documents on conducting introductory, primary briefing on labor protection.
3. Basic documents on conducting unscheduled and targeted instruction on labor protection.
4. Responsible persons for conducting primary, unscheduled and targeted briefing
5. The main types of medical institutions
6. The main modes of a medical institution
7. Project: concept and characteristics of project features
8. Classification of projects
9. Project management: concept and characteristics of the main constraints
10. Classification of project management processes
11. Project structuring: concept and essence
12. Organizational structures of project management: concept, essence, principles of construction
13. Medical records
14. Rules for registration of medical documentation
15. Job responsibilities
16. Documented project plans
17. Project cost management processes
18. The main characteristics of the team and the reasons for its forma
19. Types of project teams
20. Professional team composition and their main functions in project management
21. Types of teamwork and their characteristics
22. Basic principles of personnel management of the project team
23. The effectiveness of the project team
24. The main participants of the project
25. Structuring project work: concept, essence, principles
26. Detailed project planning: concept, stages, methods
27. Monitoring project implementation: concept, principles and methods of implementation
28. Change management during project implementation
29. Objectives and stages of completion of the project
30. Project performance indicators


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8. Form of interim certification by the end of practice

Differentiated credit is carried out on the basis of monitoring the performance of individual tasks by monitoring the student's activities during the internship, analyzing documents confirming the completion of all tasks in accordance with the internship program, assessing the formation of all competencies for this type of practice, using the practice FOS. The current control over the implementation of the internship program "Project activity" is carried out by the head of the practice. The form of intermediate certification is the provision of a completed internship project and project defense, including an oral report and a multimedia presentation at the end of the 4th semester. The internship project should describe in detail all the days of the student's stay in practice with an indication of the work done by the student. The project should contain instructions about the time of arrival at the practice and the time of departure from the practice. In the presentation, notes are made about the passage of the trainee of the entire complex of activities provided for

Credit in the form of presentation of a presentation on the following topics:

1. Structure-project of the admission department of a medical institution.
2. Structure-project of a sanitary checkpoint.
3. Structure-project of the operating unit of the medical institution.
4. Structure-project of resuscitation and intensive care.
5. Project structure of the department of anesthesiology and resuscitation of a medical institution.
6. Structure-project of the surgical department of the hospital.
7. Structure-project of a surgical room in a polyclinic.
8. Structure-project of a dressing hospital.
9. Project structure of the infectious diseases department of a medical institution.
10. Project structure of the gastroenterological department of a medical institution.
11. Structure-project of the cardiology department of a medical institution.
12. Project structure of the pulmonary department of a medical institution.
13. Project structure of the gynecological department of a medical institution.
14. Project structure of the neurosurgical department of a medical institution.
15. Project structure of the department of concomitant trauma of a medical institution.
16. Project structure of the trauma department of a medical institution.
17. Project structure of the burn department of a medical institution.
18. Project structure of the ophthalmological department of a medical institution.
19. Project structure of the department of maxillofacial surgery of a medical institution..
20. Project structure of the urological department of a medical institution.
21. Project structure of the endocrinology department of a medical institution.
22. Project structure of the rheumatology department of a medical institution.
23. Project structure of the neurological department of a medical institution.
24. Project structure of the nephrological department of a medical institution.
25. Project structure of the hematology department of a medical institution.
26. Project structure of the otorhinolaryngological department of a medical institution.
27. Project structure of the department of blood gravitational surgery of a medical institution.
28. Project structure of the pathological department of a medical institution.
29. Project structure of the department of reconstructive and plastic surgery of a medical institution.
30. Project structure of the physiotherapy and rehabilitation department of a medical institution

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9. Educational-methodical and information support of practice

"Project activity Проектная деятельность"

а) Список рекомендуемой литературы

основная литература

1. Белый Е.М. Управление проектами [Электронный ресурс]: конспект лекций/ Е.М. Белый, И.Б. Романова. - Электрон. текстовые данные. - Саратов: Ай Пи Эр Медиа, 2018. - 79 с. - 978-5-4486-0061-6. - Режим доступа: <http://www.iprbookshop.ru/70287.html>
2. Управление проектами : учебник и практикум для вузов / А. И. Балашов, Е. М. Рогова, М. В. Тихонова, Е. А. Ткаченко ; под общей редакцией Е. М. Роговой. — Москва : Издательство Юрайт, 2020. — 383 с. — (Высшее образование). — ISBN 978-5-534-00436-6. — Текст : электронный // Образовательная платформа Юрайт [сайт]. — URL: <https://urait.ru/bcode/449791>

дополнительная литература

- 1 Управление проектами (с практикумом). (Бакалавриат и специалитет). Учебник: учебник / Е.М. Белый. – М.: КноРус, 2019. - 262 с.
- 2 Зуб А. Т. Управление проектами : учебник и практикум для вузов / А. Т. Зуб. — Москва : Издательство Юрайт, 2019. — 422 с. — (Бакалавр. Академический курс). — ISBN 978-5-534-00725-1. — Текст : электронный // ЭБС Юрайт [сайт]. — URL: <https://urait.ru/bcode/432818>

Educational-methodical reading:

учебно-методическая (разработанная НПП, реализующими ОПОП ВО) литература:


- 1 **Smolkina A. V.** Methodical instructions for practical training in the practice of "Project activity" for specialties 31.05.01. "General Medicine" and 31.05.02. "Pediatrics" / A. V. Smolkina. - Ulyanovsk : UISU, 2021. - Неопубликованный ресурс; На англ. яз. - URL: <http://lib.ulsu.ru/MegaPro/Download/MObject/11211> . - Режим доступа: ЭБС УлГУ. - Текст : электронный.
- 2 **Smolkina A. V.** Methodical instructions for independent work on the organization and conduct of educational practice "Project activity" for specialties 31.05.01. "General Medicine" and 31.05.02. "Pediatrics" / A. V. Smolkina. - Ulyanovsk : UISU, 2021. - Неопубликованный ресурс; На англ. яз. - URL: <http://lib.ulsu.ru/MegaPro/Download/MObject/11210> . - Режим доступа: ЭБС УлГУ. - Текст : электронный.

AGREED:

Leading specialist___/ Stadolnikova D.R. /  / 2024

d) Software:

SPS Consultant Plus, NEL RF, The electronic library system IPRBooks
 AILS "Megapro", System " Antiplagiat.HIGHER EDUCATIONAL»
 Microsoft Windows, Microsoft Office 2016, ""My Office Is Standard»
 Automated information system "Vitakor RMIS», Academic Basic Statistica for Windows 13

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Профессиональные базы данных, информационно-справочные системы

1. Электронно-библиотечные системы:

1.1. Цифровой образовательный ресурс IPRsmart : электронно-библиотечная система : сайт / ООО Компания «Ай Пи Ар Медиа». - Саратов, [2024]. – 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, [2024]. - 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, [2024]. – 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, [2024]. – URL: <https://www.rosmedlib.ru>. – Режим доступа: для зарегистрир. пользователей. – Текст : электронный.

1.5. Большая медицинская библиотека : электронно-библиотечная система : сайт / ООО «Букап». – Томск, [2024]. – 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, [2024]. – URL: <https://e.lanbook.com>. – Режим доступа: для зарегистрир. пользователей. – Текст : электронный.

1.7. ЭБС Znanium.com : электронно-библиотечная система : сайт / ООО «Знаниум». - Москва, [2024]. - 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, [2024].

3. eLIBRARY.RU: научная электронная библиотека : сайт / ООО «Научная Электронная Библиотека». – Москва, [2024]. – URL: <http://elibrary.ru>. – Режим доступа : для авториз. пользователей. – Текст : электронный

4. Федеральная государственная информационная система «Национальная электронная библиотека» : электронная библиотека : сайт / ФГБУ РГБ. – Москва, [2024]. – 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 Мега-ПРО / ООО «Дата Экспресс». – URL: <http://lib.ulsu.ru/MegaPro/Web>. – Режим доступа : для пользователей научной библиотеки. – Текст : электронный.

Инженер ведущий



Щуренко Ю.В.

2024

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10. Material support of discipline

Industrial practice rooms located at the clinical bases of the medical faculty named after . T.Z. Biktimirova UISU:

1. 432008, Ulyanovsk region, Ulyanovsk, rn Zaslavyazhsky, Likhacheva St., 12 State Healthcare Institution "Central Clinical Medical Unit named after V.A. Egorov (Agreement for the gratuitous use of property).

2. 432063, Ulyanovsk Region, the city of Ulyanovsk, Orenburgskaya Street, No. 27 State Healthcare Institution "Central City Clinical Hospital".

3. Medical Simulation Center Ulyanovsk, Embankment-river-Sviyagi, 14b

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 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

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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.

- If it is necessary to use partially or exclusively remote educational technologies in the educational process, the organization of work of teaching staff with students with disabilities is provided in an electronic information and educational environment, taking into account their individual psychological characteristics

Developer

General and operative surgery with topographic anatomy and a course of dentistry Head of the Department, MD, Professor SMOLKINA A.V.

