

APPROVED ИТС ИФИБ

Protocol No. 3.1

dated 30.08.2024

**ACADEMIC COURSE OUTLINE**

**NURSING PROFESSIONAL SKILLS PRACTICE**

Educational program track (speciality) [1] 31.05.01 General Medicine

Educational program title (specialization) General Medicine

| <b>Semester</b> | <b>Labour input, credits</b> | <b>Total course academic, hours</b> | <b>Practical sessions, hrs.</b> | <b>In the form of practical studies, hrs.</b> | <b>Independent studies, hrs.</b> | <b>Course progress, Exam/Pass-fail exam/Term</b> |
|-----------------|------------------------------|-------------------------------------|---------------------------------|---|----------------------------------|--|
| 4               | 6                            | 216                                 | 144                             |   | 72                               |  |
| Total           | 6                            | 216                                 | 144                             | 0   | 72                               | Ex   |

## ABSTRACT

The Nursing Professional Skills Practice program for acquiring professional skills and experience in nursing positions is designed based on the requirements for completing the specialist program.

Specifically, graduates (general practitioners) must be prepared to manage patient care in healthcare facilities providing primary health care, as well as to organize and supervise the activities of nursing staff.

This practice is a logical continuation of the practical skills previously acquired during the course "First Aid and General Nursing" and the Introductory Educational Practice, and develops nursing skills.

### 1. ACADEMIC COURSE GOALS AND OBJECTIVES

**GOAL:** To develop skills and abilities in performing nursing procedures, organizing the work of subordinate nursing staff, and improving interaction skills with colleagues and patients while adhering to ethical and deontological principles.

**OBJECTIVES:**

- To familiarize students with the principles and organization of nursing work, and their role in providing medical care;
- To acquire skills and abilities in performing nursing procedures;
- To gain professional experience in organizing general patient care and effectively interacting with junior and mid-level nursing staff and patients while adhering to ethical and deontological principles.

### 2. PLACE OF THE ACADEMIC COURSE IN THE MAIN HIGHER EDUCATION CURRICULUM

Practical training is preceded by the study of the course "First Aid and General Nursing" and an introductory educational internship. The knowledge, skills, and abilities gained through this internship are necessary for successful mastery of clinical disciplines and precede diagnostic internship.

### 3. DEVELOPED COMPETENCIES AND INTENDED LEARNING OUTCOMES

Universal and/or general professional competencies:

| Competency code and title  | Code and title of competency-based rubrics   |
|--|--|
| OIIK-1 [1] – Capable of implementing moral and legal norms, ethical and deontological principles in professional activities. | 3-OIIK-1 [1] – Know: - main regulatory legal acts governing physician's activities; - concepts of medical confidentiality, informed voluntary consent for medical intervention, clinical guidelines, procedures and standards of medical care; - fundamental rights and obligations of physicians and patients; - principles of medical ethics (morality) and deontology.<br>Y-OIIK-1 [1] – Be able to: - find and apply current regulatory legal acts in professional activities; - protect the rights of |

|  |   |
|--|---|
|  | <p>physicians and patients.</p> <p>B-OPIK-1 [1] – Possess skills in: - interaction with colleagues and patients in compliance with ethics and deontology; - obtaining informed voluntary consent from patients or their legal representatives for medical interventions.</p>  |
| <p>OPIK-4 [1] – Capable of using medical devices stipulated by the medical care procedures, as well as conducting patient examination for diagnosis establishment.</p>   | <p>3-OPIK-4 [1] – Know: - modern diagnostic instrumental examination methods for patients, including functional, radiological, ultrasound, radionuclide diagnostics, and endoscopy; - diagnostic capabilities of instrumental examination methods; - medical devices stipulated by the procedure for providing medical care to the adult population in the "Therapy" specialty, and the equipment standard for a therapeutic room; - main medical devices stipulated by the procedures for providing medical care to the adult population in major surgical specialties, obstetrics, and gynecology; - indications for referring patients for instrumental examinations and functional diagnostics; - techniques for physical examination of patients using medical devices stipulated by procedures and considering medical care standards</p> <p>Y-OPIK-4 [1] – Be able to: - use medical devices stipulated by the medical care procedure; - determine the required volume and content of instrumental and functional diagnostics to establish a diagnosis; - interpret results of the most common functional and instrumental diagnostic methods</p> <p>B-OPIK-4 [1] – Possess skills in: - using basic medical devices (stethoscope, blood pressure monitor, sphygmomanometer, pulse oximeter, height-weight scale, measuring tape, neurological hammer, scalpel, forceps, and other devices); - operating electrocardiographs and devices for measuring external respiratory function; - interpreting results of the most common functional and instrumental diagnostic methods</p> |
| <p>OPIK-6 [1] – Capable of organizing general nursing, providing primary medical care, ensuring the organization of work and making professional decisions in emergencies at the pre-hospital stage, in emergency situations, epidemics and in areas of mass destruction</p> | <p>3-OPIK-6 [1] – Know: - a set of measures for general nursing with diseases of various organs and systems; Signs of clinical and biological death; - indications for patient hospitalization for the most common diseases with typical progression.</p> <p>Y-OPIK-6 [1] – Be able to: - organize care for patient when providing medical care in an outpatient setting; - determine the need for patient hospitalization; - ensure the organization of work in emergency situations, epidemics, and in mass casualty zones.</p> <p>B-OPIK-6 [1] – Possess skills in: - general care of a patient (general nursing); - providing first aid; - making medical decisions in emergencies at the prehospital stage, including in emergency situations, epidemics, and in mass casualty zones.</p>  |
| <p>OPIK-7 [1] – Capable of prescribing treatment and monitoring its effectiveness and safety.</p>  | <p>3-OPIK-7 [1] – Know: - pharmacological groups of medicinal drugs and their intended purposes; - mechanisms of action of pharmacological and non-pharmacological treatments, indications and contraindications for their use, side effects, and complications caused by their application; - methods for monitoring the effectiveness and safety of various treatment</p>   |

|  |  |
|--|--|
|  | <p>approaches.</p> <p>Y-OIHK-7 [1] – Be able to: - make rational choices for pharmacological and non-pharmacological treatments based on clinical guidelines and in accordance with medical care standards; - develop a treatment plan for a disease or condition considering the diagnosis, age, disease course characteristics, and comorbidities, based on clinical guidelines and medical care standards; - prescribe medications, medical devices, and therapeutic nutrition considering the diagnosis, age, disease course characteristics, and comorbidities, based on clinical guidelines and medical care standards; - justify prescribed pharmacological and non-pharmacological treatments; - evaluate the effectiveness and safety of medications, medical devices, therapeutic nutrition, and other treatment methods.</p> <p>B-OIHK-7 [1] – Possess skills in: - administering medications through various routes of administration; - developing treatment plans for diseases or conditions considering diagnosis, age, disease course characteristics, and comorbidities; - assessing the effectiveness and safety of prescribed treatments.</p> |
|--|--|

#### 4. PEDAGOGIC POTENTIAL OF THE COURSE

| <b>Pedagogic tracks/objectives</b> | <b>Pedagogic goals (code)</b>   |
|------------------------------------|---|
| Vocational and labor education     | Establishing conditions for: formation of a deep understanding of the profession's social role, a positive and active commitment to the values of the chosen specialty, and a responsible attitude towards professional activity and work (B14)   |
| Vocational and labor education     | Establishing conditions for: formation of psychological readiness for professional activity in the chosen profession (B15)  |
| Professional education             | Establishing conditions for: formation of responsibility for professional choice, professional development and professional decisions (B18)   |
| Professional education             | Establishing conditions for: formation of motivation to improve the quality of medical care to the population and the desire to follow the rules and norms of interaction between the doctor, colleagues and the patient, contributing to the creation of the most favorable environment for the patient's recovery (B34) |

#### 5. ACADEMIC COURSE STRUCTURE AND CONTENT

Academic course sections, their scope, terms of study and assessment:

| No. | Academic course section name            | Weeks | Lectures/ Practical (seminars)/ Laboratory sessions, hrs. | Compulsory current assessment (form*, week) | Maximum grade per section** | Section assessment (form*, week) | Competency-based rubrics  |
|-----|---|-------|---|---|-----------------------------|----------------------------------|---|
|     | <i>4 Semester</i>                       |       |   |   |                             |                                  |   |
| 1   | Nursing Practice                        | 1-4   | 0/144/0   |   | 50                          | Rep-4                            | 3-ОПК-1,<br>У-ОПК-1,<br>В-ОПК-1,<br>3-ОПК-4,<br>У-ОПК-4,<br>В-ОПК-4,<br>3-ОПК-6,<br>У-ОПК-6,<br>В-ОПК-6,<br>3-ОПК-7,<br>У-ОПК-7,<br>В-ОПК-7 |
|     | <i>Totals for 4 Semester</i>            |       | 0/144/0   |   | 50                          |                                  |   |
|     | <b>Assessment events for 4 Semester</b> |       |   |   | 50                          | Ex                               | 3-ОПК-1,<br>У-ОПК-1,<br>В-ОПК-1,<br>3-ОПК-4,<br>У-ОПК-4,<br>В-ОПК-4,<br>3-ОПК-6,<br>У-ОПК-6,<br>В-ОПК-6,<br>3-ОПК-7,<br>У-ОПК-7,<br>В-ОПК-7 |

\* – abbreviated name of assessment

\*\* – 100 maximum points per semester including a pass/fail exam and (or) an exam

Abbreviated current assessment forms and section assessment

| Abbreviation | Full name |
|--------------|-----------|
| Rep          | Report    |

## SYLLABUS

| Weeks      | Topics / Content        | Lect., hrs. | Pr./sem., hrs. | Lab., hrs. |
|------------|-------------------------|-------------|----------------|------------|
|            | <i>4 Semester</i>       | 0           | 144            | 0          |
| <b>1-4</b> | <b>Nursing Practice</b> | 0           | 144            | 0          |
| 1 - 4      | <b>Nursing Practice</b> | All         |                |            |
|            |                         | 0           | 144            | 0          |

|   |        |   |   |
|---|--------|---|---|
| <p>1. Safety briefing: occupational health and fire safety, internal work regulations. Sanitary regime. Organization of work within medical organization departments. Organization of work for nursing staff. Organization of work for the hospital pharmacy and sterilization department. Procedures for handling corpses. Medical waste management procedures. Medical documentation, its types, and requirements for maintenance, safety, and confidentiality. Familiarization with filling out the title page of an inpatient and/or outpatient medical record, preparation of prescription sheets and temperature sheets, and rules for obtaining and dispensing medications. Hospital sanitary regime and its importance. Nosocomial infection and disinfection. Organization of interaction between medical organization staff and patients. Communication standards for medical staff and patients. Informed voluntary consent for medical intervention.</p> <p>2. Main Stage. Work in medical departments and performance of duties of nursing staff. Participation in nursing procedures, independent performance of some duties of a ward and procedure nurse.</p> <p>3. Preparation of internship reports. Report defense</p> | Online |   |   |
|   | 0      | 0 | 0 |

Abbreviated names of online options:

| Abbreviation | Full name             |
|--------------|-----------------------|
| EC           | E-course              |
| FtM          | Full-text material    |
| FtL          | Full-text lectures    |
| VM           | Video materials       |
| AM           | Audio materials       |
| Prs          | Presentations         |
| T            | Tests                 |
| ERM          | E-reference materials |
| IS           | Interactive site      |

## 6. EDUCATIONAL TECHNOLOGIES

The internship is conducted in a traditional format, under conditions that allow students to participate in medical activities and perform specific types of work related to their future profession.

Simulation technologies are used to develop first aid skills.

Students demonstrate their acquired skills during the internship report defense in a simulated environment.

## 7. ASSESSMENT TOOLKIT

The assessment toolkit ensures verification of the intended learning outcomes achievement (competency-based rubrics) using current, midterm and interim assessment of the course.

The link between developed competencies and their assessment is presented in the following table:

| Competency | Achievement rubrics | Assessment activity (Syl 1) |
|------------|---------------------|-----------------------------|
| ОПК-1      | 3-ОПК-1             | Ex, Rep-4                   |
|            | У-ОПК-1             | Ex, Rep-4                   |
|            | В-ОПК-1             | Ex, Rep-4                   |
| ОПК-4      | 3-ОПК-4             | Ex, Rep-4                   |
|            | У-ОПК-4             | Ex, Rep-4                   |
|            | В-ОПК-4             | Ex, Rep-4                   |
| ОПК-6      | 3-ОПК-6             | Ex, Rep-4                   |
|            | У-ОПК-6             | Ex, Rep-4                   |
|            | В-ОПК-6             | Ex, Rep-4                   |
| ОПК-7      | 3-ОПК-7             | Ex, Rep-4                   |
|            | У-ОПК-7             | Ex, Rep-4                   |
|            | В-ОПК-7             | Ex, Rep-4                   |

### Educational achievement rubrics scales

The scale of each assessment activity varies from 0 to the maximum established point, inclusive. The final assessment of the course is performed on a 100-point scale and represents the sum of the points earned by the student in the section assessments, framework of current and interim assessment.

Sections and interim assessments are considered passed when the student achieves a minimum score equal to 60% of the maximum. The final grade is assigned only upon passing all sections and the interim assessment.

The final grade is assigned in accordance with the following scale:

| Total score | Rating on a 4-point scale   | Pass/fail examination | ECTS assessment |
|-------------|-----------------------------|-----------------------|-----------------|
| 90-100      | 5 – « <i>excellent</i> »    | « <i>pass</i> »       | A               |
| 85-89       | 4 – « <i>good</i> »         |                       | B               |
| 75-84       |                             |                       | C               |
| 70-74       |                             |                       | D               |
| 65-69       | 3 – « <i>satisfactory</i> » |                       | E               |
| 60-64       |                             | F                     |                 |
| below 60    | 2 – « <i>fail</i> »         | « <i>fail</i> »       |                 |

An “excellent” grade indicates a deep and solid mastery of the program material by a student who presents their answers consistently, clearly, and logically, is able to closely link theory with practice, and uses materials from monographic literature in their answers.

A “good” grade corresponds to a student’s solid knowledge of the material, who presents their answers competently and to the point, without any significant inaccuracies.

A “satisfactory” grade corresponds to the basic level of mastery of the material by the student, in which the main material has been mastered, but its details have not been assimilated, the answers contain inaccuracies, insufficiently correct wording and logical inconsistencies.

A grade “pass” corresponds to at least a basic level of mastery of the program material, in which the student possesses the necessary knowledge, skills, and abilities, and is able to apply theoretical principles to solve typical practical problems.

A grade “fail” is given to a student who lacks a significant understanding of the curriculum material, makes significant errors in their answers, or fails all required assignments. These students are generally unable to continue their studies without additional classes.

## **8. ACADEMIC COURSE EDUCATIONAL, METHODOLOGICAL AND INFORMATIONAL SUPPORT**

### **CORE READING:**

1. ЭИ О-85 General Care of a Patient : учебное пособие, Osloпов V.N., Bogoyavlenskaya O.V., Москва: ГЭОТАР-Медиа, 2019
2. ЭИ В 26 Доврачебная помощь при неотложных состояниях : учебник и практикум для вузов, Мурочкина Т. А. [и др.], Москва: Юрайт, 2024
3. ЭИ Ч-82 Общий уход за больными : учебное пособие для вузов, Мурочкина Т. А. [и др.], Москва: Юрайт, 2024
4. ЭИ Ч-82 Основы сестринского дела : учебник и практикум для вузов, Мурочкина Т. А. [и др.], Москва: Юрайт, 2024

### **FURTHER READING:**

1. ЭИ Л 50 Алгоритмы сестринских манипуляций (в соответствии с технологиями выполнения простых медицинских услуг) : учебное пособие для СПО, Лесничая Л. А., Ободникова М. В., Санкт-Петербург: Лань, 2024
2. ЭИ В 26 Английский язык в сестринском деле (B2) : учебник для вузов, Бажи А. -. [и др.], Москва: Юрайт, 2024
3. ЭИ А 24 Исследования в сестринском деле : учебное пособие для вузов, Агкачева С. А., Москва: Юрайт, 2024
4. ЭИ Ч-82 Клиническая практика медицинских сестер (братьев) в пульмонологии : учебник для вузов, Бастрыкина О. В. [и др.], Москва: Юрайт, 2024
5. ЭИ О-74 Общий уход за терапевтическим пациентом : учебное пособие, Ослопов В.Н., Ослопова Ю.В., Хазова Е.В., Москва: ГЭОТАР-Медиа, 2023
6. ЭИ С 50 Основы дезинфектологии : учебное пособие для вузов, Сметанин В. Н., Здольник Т. Д., Москва: Юрайт, 2024
7. ЭИ К 72 Основы ухода за пациентом в хирургической клинике = Basics of Nursing Care in Surgery : учебное пособие на русском и английском языках : учебник, Тигай Ж.Г., Косцова Н.Г., Бадретдинова А.И., Москва: ГЭОТАР-Медиа, 2020

8. ЭИ К 13 Первая доврачебная помощь : учебное пособие для вузов, Мохов Е. М., Кадыков В. А., Морозов А. М., Москва: Юрайт, 2024

9. ЭИ Е 67 Сестринская помощь при патологии опорно-двигательного аппарата : учебное пособие, Епифанов А.В., Епифанов В.А., Москва: ГЭОТАР-Медиа, 2018

10. ЭИ Ч-82 Сестринский уход в физиотерапевтической практике : учебное пособие для вузов, Бастрыкина О. В., Чуваков Г. И., Юхно М. В., Москва: Юрайт, 2024

11. ЭИ О-51 Сестринское дело в хирургии : учебник и практикум для вузов, Чуваков Г. И., Оконенко Т. И., Москва: Юрайт, 2024

12. ЭИ Р 12 Сестринское дело при инфекционных заболеваниях : учебное пособие, Рабинович И. В., Санкт-Петербург: Лань, 2022

#### SOFTWARE:

No special softwares is required

#### LMS AND ONLINE RESOURCES

<https://online.mephi.ru/>

<http://library.mephi.ru/>

### **9. LOGISTICAL SUPPORT**

1. Фантом головы с пищеводом и желудком (64-301)
2. Комплект зондов желудочных одноразовых и дуоденальных (64-301)
3. Контейнер для сбор медицинских отходов "Б" (64-301)
4. Контейнер для сбора медицинских отходов "А" (64-301)
5. Стойка (штатив) для инфузионных систем (64-301)
6. Фантом реанимационный (торс) с электрическим контроллером (64-301)
7. Фантом предплечья для внутривенных инъекций с дополнительным вкладышем (64-301)
8. Накладка для инсулиновых, подкожных и внутримышечных инъекций (64-301)
9. Фантом руки для внутривенных инъекций (64-301)
10. Фантом мужской промежности для катетеризации мочевого пузыря (64-301)
11. Фантом женской промежности для катетеризации мочевого пузыря (64-301)
12. Фантом таза для постановки клизмы, внутримышечных инъекций, обработки стом (64-301)
13. Катетеры Фолея и Нелатона (64-301)

14. Фантом человека для сестринского ухода с аускультацией и измерением артериального давления (64-302)
15. Столик процедурный передвижной (64-302)
16. Тонометр для измерения артериального давления механический (64-302)
17. Стетоскоп (64-302)
18. Кровать функциональная механическая с матрасом и штативом для капельниц (64-301)
19. Тележка-каталка медицинская (64-401)
20. Манекен сердечно-легочной реанимации P4201CPR ВОЛОДЯ. Модификация 1 (64-301)
21. Кушетка медицинская (Клиническая база)
22. Термометры бесконтактные, термометры аналоговые (64-301)
23. Медицинское оборудование для практической подготовки обучающихся, предусмотренное договором (Клиническая база)
24. Ножницы для разрезания повязок по Листеру (64-403)
25. Тренажер для отработки навыков внутривенных инъекций (на фантомах с различной степенью доступности) (64-302)

## **10. EDUCATIONAL AND METHODOLOGICAL RECOMMENDATIONS FOR STUDENTS**

Practice is an integral part of the learning process.

During the internship, the student is required to:

- Fully complete the assignments outlined in the internship program;
- comply with the internal work schedule at the enterprise, institution, or organization;
- study and strictly adhere to occupational health and safety regulations, sanitary norms
- be responsible for the work performed and its results;
- Upon completion of the internship, submit a written report to the Head of practical training on the completion of all assignments and pass (defend) the internship exam.

The student has the right to:

- propose the specialized organization where the student is currently working for the internship (if the professional activity they are pursuing meets the internship requirements).
- obtain advice on all internship-related questions from the management of the specialized organization (medical organization), the internship supervisor, the Head of practical training at the university;
- address any controversial issues to the Head of practical training, department head, or educational program director.

The first stage of practice (introduction)

The Head of practical training will notify students in advance of the actual meeting place on the first day of practical training.

It is mandatory to complete safety training. This should be reflected in the diary.

The Head of practical training assigns students to departments in conjunction with the person responsible for practical training at the medical organization. The practical assignment is clarified and agreed upon, taking into account the specific activities of the specific department within the medical organization.

During the internship, each student completes a daily the ДНЕВНИК-ОТЧЕТ / REPORT document using the prescribed format. The supervisor's notes in the appropriate columns of the diary/report will confirm that the student actually attended the internship that day, mastered certain skills, became familiar with the work of certain departments, etc.

A supervisor is the employee directly supervising the internship. This may be different employees on different days. The Head of practical training and the person responsible for practical training at the medical organization, may also act as supervisor for specific sections.

The second stage of practice is the main one.

Direct implementation by the student of activities to acquire skills and master practical abilities provided for by the internship program.

Practical work:

Work in the offices of doctors of therapeutic and surgical profiles as a physician assistant.

Ongoing Assessment

The ongoing assessment is conducted through the following methods: monitoring students' completion of relevant sections in the ДНЕВНИК-ОТЧЕТ / REPORT document (including daily report notes and report sections), verifying compliance with safety regulations, internal work procedures, and sanitary standards, conducting interviews, and evaluating students' demonstration of acquired skills. The Head of practical training may personally monitor the student's progress at any time during practice hours.

Students must be prepared to answer the instructor's questions and demonstrate their practical skills. The maximum score for this section is 50. A student is admitted to the exam (intermediate assessment) only if they have achieved more than 30 points in the ongoing assessment. The grading scale for ongoing assessment is as follows: Excellent: 45-50 points, Good: 36-44 points, Satisfactory: 30-35 points

Assessment Criteria (Ongoing Assessment)

№ Criterion Max. score

1.1 Compliance with safety regulations, sanitary norms and internal work schedule.

Full compliance – 10 points, Partial compliance – 5 points, Non-compliance – 0 points\* 10

1.2 Regularity of maintaining the ДНЕВНИК-ОТЧЕТ / REPORT document (including daily report notes and report sections).

Regular (daily) – 10 points, Irregular – 5 points, Not maintained – 0 points 10

1.3. Interview (answers to questions, demonstration of practical skills)\* 30

Σ Total score 50

\*The student answers 1 question and selectively demonstrates 2 practical skills. Each successful response is graded with a maximum of 10 points. If minor deficiencies are noted in an otherwise correct answer or satisfactory skill demonstration, the maximum score for each item may be reduced to 5 points. The maximum total score for Criterion 1.3 is 30 points.

The third stage of practice is the final one.

On the penultimate day of practice, the student must complete the diary (obtain all necessary signatures) and write a report in the appropriate section of the ДНЕВНИК-ОТЧЕТ / REPORT document.

The report is based on information about the specific production work performed by the student during the internship (practical activity in a medical organization).

Completing a clinical internship report begins with a description of the internship site and the work schedule at the hospital or clinic. The clinical internship report should detail everything the student did, participated in, and observed, day by day, providing a clear understanding of the student's level of independence in completing a given task.

Create a diary with an analysis of your work. Prepare a presentation of a complex clinical case (diagnosis, treatment, results). Complete a final assessment in the form of an interview on the competencies mastered.

The Head of practical training completes the appropriate section of the ДНЕВНИК-ОТЧЕТ / REPORT document (Professional Characteristics of Students), provides a detailed analysis of the student's completed work, and provides their opinion. The conclusion indicates the level of theoretical and practical training of the student, the quality of the work performed, work discipline, and shortcomings, if any; at the end of the characterization, an assessment is given for the practical experience/

The internship report is defended before a committee appointed by the program director. During the internship assessment, the student presents the ДНЕВНИК-ОТЧЕТ / REPORT document and answers questions from committee members.

Based on the results of the report defense, the internship committee prepares a "Commission's Conclusion on the Results of the Internship Defense" and records it in the corresponding section of the ДНЕВНИК-ОТЧЕТ / REPORT document; the final grade is entered into the grade sheet.

#### Intermediate Assessment

Admission to the intermediate assessment is contingent upon the completion of the practice objectives and achieving a grade of "Satisfactory" (more than 30 points) in the ongoing assessment.

The examination is conducted in the form of a practice report defense. Attestation commission formed by the head of the educational program. During the assessment, the student presents the ДНЕВНИК-ОТЧЕТ / REPORT document and answers questions from the commission members.

Upon completion of the report defense, the practice commission prepares a "Commission Conclusion on the Practice Defense Results", records it in the corresponding section of the ДНЕВНИК-ОТЧЕТ / REPORT document and the final grade is entered into the practice transcript.

#### Practice Report Assessment Criteria

##### № Criterion Max. score

2.1 Completion and compliance of the ДНЕВНИК-ОТЧЕТ / REPORT document with methodological guidelines requirements. Logical structure of the report and material presentation. Accuracy of the summary report on work performed (strict correspondence with daily data). 5

2.2 Completeness, relevance and detail of material presentation in daily reports (logbook entries). Correctness of formulations and use of medical terminology. Scientific accuracy of presentation. Comprehensive coverage of practical aspects in the report. 5

2.3 Positive nature of professional reference. 5

2.4 Degree of utilization and processing of relevant information sources: legislation, educational literature, specialized periodic sources, including internet resources. 5

2.5 Quality of responses to commission questions, recommendations and comments during defense\*\*:

Test questions

Oral questions

Correct demonstration of acquired practical skills

30

5

10

15

Σ Total score 50

\*\*The student completes 5 selective test tasks, receiving 1 point for each correct answer. They answer 2 questions from committee members, earning 5 points for each correct response. The student demonstrates 3 selective practical skills, with each successful demonstration scored up to 5 points. If committee members have comments despite generally correct answers or satisfactory skill demonstrations, the score for each response may be reduced. The maximum score for criterion 2.5 is 30 points.

The assessment of the level of developed skills, practical experience, and student competencies during the exam conducted based on practice results is determined according to the university's approved grading scale.

## **11. EDUCATIONAL AND METHODOLOGICAL RECOMMENDATIONS FOR TEACHERS**

The first stage of practice (introduction)

The Head of practical training will notify students in advance of the actual meeting place on the first day of practical training.

Introduction. Safety instructions. Determination of methods for conducting internship, goals and objectives of internship, reporting forms.

Distribution of students to departments together with the person responsible for practical training from the medical organization.

Clarification and coordination of the practical assignment, taking into account the specific activities of a particular department of a medical organization.

During the internship, each student completes a daily the ДНЕВНИК-ОТЧЕТ / REPORT document using the prescribed format.

The form is provided to students in advance in the form of a \*.doc file for completion on paper, or students are provided with access to an information system that allows them to maintain the ДНЕВНИК-ОТЧЕТ / REPORT document in electronic form.

The supervisor's notes in the appropriate columns of the diary/report will confirm that the student actually attended the internship that day, mastered certain skills, became familiar with the work of certain departments, etc.

A supervisor is the employee directly supervising the internship. This may be different employees on different days. The Head of practical training and the person responsible for practical training at the medical organization, may also act as supervisor for specific sections.

The ongoing assessment is conducted through the following methods: monitoring students' completion of relevant sections in the ДНЕВНИК-ОТЧЕТ / REPORT document (including daily report notes and report sections), verifying compliance with safety regulations, internal work procedures, and sanitary standards, conducting interviews, and evaluating students' demonstration of acquired skills. The Head of practical training may personally monitor the student's progress at any time during practice hours.

The second stage of practice is the main one.

Direct implementation by the student of activities to acquire skills and master practical abilities provided for by the internship program.

During the main stage of practical training, rotation of students across departments should be provided so that each student acquires the necessary skills and abilities.

Interactive business simulations on emergency situations are also available.

The form of ongoing monitoring for the main stage of practice is an interview and demonstration of acquired skills, monitoring of students' completion of the relevant sections in the ДНЕВНИК-ОТЧЕТ / REPORT document (diary entries, writing of the section of the practice report).

The teacher supervises the students' work in the departments, operating room, manipulation room, work with the patient together with the department staff, interpretation of data from additional research methods, and filling out medical documentation. Development of professional competencies: maintaining medical records, providing emergency care, and carrying out preventive measures

The third stage of practice is the final one.

On the penultimate day of practice, the student must complete the diary (obtain all necessary signatures) and write a report in the appropriate section of the ДНЕВНИК-ОТЧЕТ / REPORT document.

The report is based on information about the specific production work performed by the student during the internship (practical activity in a medical organization).

Completing a clinical internship report begins with a description of the internship site and the work schedule at the hospital or clinic. The clinical internship report should detail everything the student did, participated in, and observed, day by day, providing a clear understanding of the student's level of independence in completing a given task.

Create a diary with an analysis of your work. Prepare a presentation of a complex clinical case (diagnosis, treatment, results). Complete a final assessment in the form of an interview on the competencies mastered.

The Head of practical training completes the appropriate section of the ДНЕВНИК-ОТЧЕТ / REPORT document (Professional Characteristics of Students), provides a detailed analysis of the student's completed work, and provides their opinion. The conclusion indicates the level of theoretical and practical training of the student, the quality of the work performed, work discipline, and shortcomings, if any; at the end of the characterization, an assessment is given for the practical experience/

The internship report is defended before a committee appointed by the program director. During the internship assessment, the student presents the ДНЕВНИК-ОТЧЕТ / REPORT document and answers questions from committee members.

Based on the results of the report defense, the internship committee prepares a "Commission's Conclusion on the Results of the Internship Defense" and records it in the corresponding section of the ДНЕВНИК-ОТЧЕТ / REPORT document; the final grade is entered into the grade sheet.

Students' internship helps them develop communication skills with patients, taking into account ethics, deontology, and psychological characteristics.

Independent work helps develop skills in working with patients, working with literature, analytical thinking, documentation skills, accuracy, and discipline.

Working with academic literature is considered a form of academic work and is completed within the hours allotted for its study. Each student is provided with access to the university's electronic library collections.

The recommendations are aimed at systematically developing professional competencies through a combination of theoretical knowledge, practical skills, and compliance with regulatory requirements..

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