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**Federal State Autonomous Educational Institution for Higher Education  
PEOPLES' FRIENDSHIP UNIVERSITY OF RUSSIA  
(RUDN University)  
Medical Institute**

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educational division (faculty/institute/academy) as higher education programme developer

**INTERNSHIP SYLLABUS**

**ASSISTANT WARD AND PROCEDURAL NURSE**

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internship title

**Educational**

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internship type

**Recommended by the Didactic Council for the Education Field of:**

**31.05.03. Dentistry**

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(code and direction's name of training/specialty)

**The course instruction is implemented within the professional education programme of higher education:**

**Dentistry**

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higher education programme profile/specialisation title

**2024**

## 1. INTERNSHIP GOAL(s)

The goal of the practical training "Assistant ward and procedural nurse" is to consolidate and deepen the theoretical training of the student in the field of general medical training; the acquisition of practical skills and competencies in the field of professional activity.

## 2. REQUIREMENTS FOR LEARNING OUTCOMES

The internship implementation is aimed at the formation of the following competencies: **GPC -1 (1.1, 1.2, 1.3), GPC -6 (6.2), GPC -10 (10.4)** in accordance with the Federal State Educational Standard in 3++ 05/31/03. Dentistry.

*Table 2.1. The list of competencies formed by students during the development of the discipline (the results of the development of the discipline).*

| <b>Code</b> | <b>Competencies</b>   | <b>Indicators of competence achievement</b>   |
|-------------|---|---|
| GPC -1      | The ability to implement moral and legal norms, ethical and deontological principles in professional activity                     | GPC-1.1. Observance of the fundamentals of medical ethics and deontology; fundamentals of legislation in the field of healthcare; legal aspects of medical activity.  |
|             |   | GPC -1.2. Application of ethical norms and principles of behavior of a medical worker in the performance of their professional duties; knowledge of modern legislation in the field of healthcare in solving professional tasks; apply the rules and norms of interaction between a doctor and colleagues and patients (legal representatives). |
|             |   | GPC -1.3. Practical experience in solving standard tasks of professional activity based on ethical norms and deontological principles in interaction with colleagues and patients (their legal representatives), knowledge of the legal aspects of medical activity.  |
| GPC -6      | The ability to prescribe, monitor the effectiveness and safety of non-medical and medical treatment in solving professional tasks | GPC -6.2 Selection of medical devices (including dental materials) for the preparation of a comprehensive treatment plan for dental diseases. Monitoring the further course of the patient's treatment.   |
| GPC -10     | The ability to organize the work of junior and secondary medical staff in patient care.   | GPC -10.4. Drawing up a plan and report on your work.   |

### 3. INTERNSHIP IN HIGHER EDUCATION PROGRAMME STRUCTURE.

"Assistant to the ward and procedural nurse" refers to the basic part of **block 2** "Practices, including research and development work" of the curriculum (B.3.P.1).

Within the framework of the educational program, students also master other disciplines that contribute to achieving the planned learning outcomes based on the results of the "Assistant to the ward and procedural nurse".

*Table 3.1. The list of components of the EP of HE that contribute to achieving the planned results of mastering the discipline*

| Code                     | Competencies  | Previous disciplines   | Subsequent disciplines           |
|--------------------------|---|--|----------------------------------|
| GPC -1.<br><br>GPC -1.1. | The ability to implement moral and legal norms, ethical and deontological principles in professional activity.<br><br>Compliance with the basics of medical ethics and deontology; fundamentals of legislation in the field of healthcare; legal aspects of medical activity.   | Human anatomy (anatomy of the head and neck).<br>Histology.<br>The Latin language.<br>Physics.<br>Medical informatics.<br>Chemistry.<br>Normal physiology.<br>Life safety.<br>Materials science. | ALL dental clinical disciplines. |
| GPC -1.2.                | Application of ethical standards and principles of behavior of a medical worker in the performance of their professional duties; knowledge of modern legislation in the field of healthcare in solving professional tasks; the application of the rules and norms of the doctor's interaction with colleagues and patients (their legal representatives). | Human anatomy (anatomy of the head and neck).<br>Histology.<br>The Latin language.<br>Physics.<br>Medical informatics.<br>Chemistry.<br>Normal physiology.<br>Life safety.<br>Materials science. | ALL clinical disciplines.        |
| GPC -1.3.                | Practical experience in solving standard tasks of professional activity   | Human anatomy (anatomy of the head and neck).  | ALL clinical disciplines.        |

|             |   |  |                           |
|-------------|---|--|---------------------------|
|             | based on ethical norms and deontological principles in interaction with colleagues and patients (their legal representatives), knowledge of the legal aspects of medical activity.            | Histology.<br>The Latin language.<br>Physics.<br>Medical informatics.<br>Chemistry.<br>Normal physiology.<br>Life safety.<br>Materials science.  |                           |
| GPC -6      | The ability to prescribe, monitor the effectiveness and safety of non-medical and medical treatment in solving professional tasks   | Human anatomy (anatomy of the head and neck).<br>Histology.<br>The Latin language.<br>Physics.<br>Medical informatics.<br>Chemistry.<br>Normal physiology.<br>Life safety.<br>Materials science. | ALL clinical disciplines. |
| GPC -6.2    | Selection of medical devices (including dental materials) for the preparation of a comprehensive treatment plan for dental diseases. Monitoring the further course of the patient's treatment | Human anatomy (anatomy of the head and neck).<br>Histology.<br>The Latin language.<br>Physics.<br>Medical informatics.<br>Chemistry.<br>Normal physiology.<br>Life safety.<br>Materials science. | ALL clinical disciplines. |
| GPC -10.    | The ability to organize the work of junior and secondary medical personnel in the care of patients.   | Human anatomy (anatomy of the head and neck).<br>Histology.<br>The Latin language.<br>Physics.<br>Medical informatics.<br>Chemistry.<br>Normal physiology.<br>Life safety.<br>Materials science. | ALL clinical disciplines. |
| GPC - 10.4. | Making a plan and report on your work.  | Human anatomy (anatomy of the head and neck).<br>Histology.<br>The Latin language.<br>Physics.<br>Medical informatics.<br>Chemistry.<br>Normal physiology.                                       | ALL clinical disciplines. |

|  |  |                                    |  |
|--|--|------------------------------------|--|
|  |  | Life safety.<br>Materials science. |  |
|--|--|------------------------------------|--|

#### 4. INTERNSHIP WORKLOAD

The total labor intensity of the discipline "Assistant to the ward and procedural nurse" is 3 credits. (108 ак.ч.)

#### 5. INTERNSHIP CONTENTS

*Table 5.1. Content of the practice\**

| Name of the practice section                                      | № topic | The content of the discipline  | The scope of the discipline, SC/a.h. |
|---|---------|--|--------------------------------------|
| Section 1.<br>The preparatory stage                               | 1.      | Instruction on fire safety techniques.   | 2                                    |
|   | 2.      | Mastering the basic principles of medical ethics and deontology (L, LW, SS)  | 9                                    |
|   | 3.      | Mastering the job responsibilities of junior medical personnel. (L, LW, SS)  | 10                                   |
|   | 4.      | The study of the stages and principles of work of the ward and procedural nurse. (L, LW, SS)   | 10                                   |
|   | 5.      | Familiarization with the basics of organization and work at the nursing post. (L, LW, SS)  | 10                                   |
| Section 2. Clinical stage   | 6.      | Mastering the principles of organizing the work of the nursing post of therapeutic, surgical, intensive care, and emergency departments. (L, LW, SS) | 10                                   |
|   | 7.      | Conducting sanitary and educational work among patients. (L, LW, SS)   | 9                                    |
|   | 8.      | Mastering the rules of sanitary treatment and the principles of observation and care of patients of varying severity (L, LW, SS)                     | 10                                   |
|   | 9.      | Mastering the methods of medicine administration (intramuscular, subcutaneous injections). (L, LW, SS)   | 10                                   |
|   | 10.     | Mastering the technique of intravenous medicine administration. (L, LW, SS)  | 10                                   |
| Making a practice report  |         |  | 9                                    |
| Preparation for the defense and protection of the practice report |         |  | 9                                    |
| <b>IN TOTAL:</b>  |         |  | <b>108</b>                           |

\*- the content of the practice by sections and types of practical training is FULLY reflected in the student's report on the practice.

#### 6. INTERNSHIP EQUIPMENT AND TECHNOLOGY SUPPORT REQUIREMENTS

| Classroom for Academic Activity Type | Classroom Equipment   | Specialized educational/laboratory equipment, Software and materials for the development of the discipline.  |
|--------------------------------------|---|--|
| Lecture Classroom                    | The lecture-type classroom (204) is equipped with a set of specialized furniture; a blackboard (screen) and multimedia presentation equipment.  | <p>A set of specialized furniture.</p> <p><i>Technical support:</i></p> <ul style="list-style-type: none"> <li>– multimedia projector,</li> <li>– Internet connection.</li> </ul> <p><i>Software:</i></p> <ul style="list-style-type: none"> <li>– Microsoft products (the operating system, a suite of office applications, including MSOffice/ Office 365, Teams.)</li> </ul>  |
| Lab/ Seminars classroom              | <p>Classrooms are located in buildings: ATI and GUM-SOC.</p> <p>In the ATI building: audiences 249, 250, 251, 252 (the phantom class) и 253.</p> <p>In the GUM-SOC building: audiences 232-235 (the phantom class).</p> | <p>A set of specialized furniture.</p> <p><i>Technical support:</i></p> <ul style="list-style-type: none"> <li>Dental simulation units.</li> <li>DLP Optoma H114 Projector.</li> <li>Lenovo Think Centre M71z automated workplace.</li> <li>Laptop Asus X756UVIntel.</li> <li>Projector AcerP1285.</li> <li>Display Elite Screens Spectrum Electric100V.</li> <li>Laptop ASUS X751LDV.</li> <li>Monoblock Dell Optiplex 3030.</li> <li>PC TMO3300 i3 254.</li> <li>Polymerization lamps "Woodpecker".</li> <li>Control units with a micromotor tip.</li> <li>Multimedia projector Sony VPL-C6.</li> <li>Electric screen Projecta PSECO001 Elproelectrol 160x160 sm.</li> </ul> |

|                        |  |  |
|------------------------|--|--|
|                        |  | <p>MOULAGES patient's head for phantom work in the package.</p> <p>Dental chair with electric drive and programmable position.</p> <p>The doctor's units are included.</p> <p>Screen 17" BenQ sc.1472.</p> <p>The screen is on a tripod Projecta, 180x180.</p> <p>Control units of the dental unit for 2 tips and a spray.</p> <p>Blocks of tips "DART 1440".</p> <p>Models of the upper and lower jaw with an articulator.</p> <p>A cupboard for storing sterile instruments.</p> <p>Instruments used in therapeutic, orthopedic and surgical dentistry.</p> <p>Consumables: gypsum, wax, casts, sealing materials, etc.</p> <p><u>Information stands and expositions:</u></p> <ul style="list-style-type: none"> <li>– information stand in Russian and English;</li> <li>– visual aids, posters, models.</li> </ul> |
| Computer classroom     | Not provided   |  |
| Self-studies classroom | Classrooms in ATI building. Classrooms in GUM-SOC building, Classrooms equipped with a set of specialized furniture and computers with access to EIOS. Halls. The scientific library in the Main building of the RUDN. |  |

Specially equipped premises that have signed a contract for conducting an educational practice:

- Neurosurgical Department;

- Traumatological Department;
- Surgical Department;
- Psychiatric Department;
- Assembly hall with 200 seats;
- Interns' room ;
- Wheelchairs, wheelchairs, stretchers
- Height meter, medical scales.
- Urinal
- Medical thermometer
- Drinking bowl
- Warmer, ice heater

## 7. INTERNSHIP LOCATION AND TIMELINE

**"Assistant to the ward and procedural nurse"** can be conducted both in the structural divisions of the RUDN or in organizations in Moscow (stationary), and at bases located outside Moscow (field).

Conducting an internship on the basis of an external organization (outside the RUDN) is carried out on the basis of an appropriate agreement, which specifies the terms, place and conditions of the internship in the base organization.

The terms of the internship correspond to the period specified in the calendar training schedule of the educational institution. The terms of the internship can be adjusted in coordination with the Department of Educational Policy and the Department of Organization of Practices and Employment of students at the RUDN.

## 8. RESOURCES RECOMMENDED FOR INTERNSHIP

*Internet-(based) sources:*

1. Electronic libraries with access for RUDN students:
  - Electronic library system РУДН – ЭБС РУДН <http://lib.rudn.ru/MegaPro/Web>
  - ELS « University Library Online » <http://www.biblioclub.ru>
  - ELS Yurayt <http://www.biblio-online.ru>
  - ELS «Student's Consultant » [www.studentlibrary.ru](http://www.studentlibrary.ru)
  - ELS «Lan» <http://e.lanbook.com/>
  - ELS « Troitsky most»
2. Databases and search engines:
  - electronic fund of legal and regulatory and technical documentation <http://docs.cntd.ru/>
  - the Yandex search engine <https://www.yandex.ru/>
  - the Google search engine <https://www.google.ru/>
  - abstract database SCOPUS <http://www.elsevierscience.ru/products/scopus/>

*Educational and methodological materials for practical training, filling out a diary and completing a practice report \*:*



1. Safety rules during the "Assistant to the ward and procedural nurse" (initial briefing).
2. The general structure and principle of operation of technological production equipment used by students during their internship; technological maps and regulations, etc. (if it's necessary).
3. Methodological guidelines for students to fill out a diary and prepare a practice report.

**9. ASSESSMENT MATERIALS AND A POINT-RATING SYSTEM FOR ASSESSING THE LEVEL OF COMPETENCE FORMATION IN THE INTRODUCTORY PRACTICE**

Evaluation materials and a point-rating system for assessing the level of competence formation (part of competencies) based on the results of mastering the discipline "Assistant to the ward and procedural nurse" are presented in the in the application to this Internship Program (module).

**DEVELOPERS:**

|   |           |                |
|---|-----------|----------------|
| Main lecturer of the Department<br>of Propaedeutics of Dental<br>Diseases,<br>Candidate of Medical Sciences |           | Gurieva Z.A.   |
| Position, grade   | Signature | Name           |
| Assistant of the Department of<br>Propaedeutics of Dental Diseases  |           | Baykulova M.D. |
| Position, grade   | Signature | Name           |

**HEAD OF THE DEPARTMENT:**

|   |           |               |
|---|-----------|---------------|
| Head of the Department of<br>Propaedeutics of Dental<br>Diseases, Doctor of Medical<br>Sciences., Professor |           | Razumova S.N. |
| Position, grade   | Signature | Name          |

**HEAD OF THE HIGHER EDUCATION PROGRAM:**

|  |           |               |
|--|-----------|---------------|
| Deputy Director of the Medical<br>Institute, Professor |           | Razumova S.N. |
| Position, grade  | Signature | Name          |