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**Federal State Autonomous Educational Institution of Higher Education  
PEOPLES' FRIENDSHIP UNIVERSITY OF RUSSIA  
RUDN University**

**Institute of Medicine**

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

**INTERNSHIP SYLLABUS**

**Practice in Emergency Medical Procedures (Center of Simulation Training)**

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internship title

production

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internship type

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

**31.05.01 General Medicine**

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field of studies / speciality code and title

**The student's internship is implemented within the professional education programme of higher education:**

**General Medicine**

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higher education programme profile/specialisation title

**2022-2023**

## 1. INTERNSHIP GOAL(s)

The goal of the Internship "Practice for emergency medical procedures" is to master the theoretical foundations, standards, algorithms for performing emergency medical manipulations in terms of providing emergency medical care to patients.

## 2. REQUIREMENTS FOR LEARNING OUTCOMES

As a result of passing this productive practice «Practice of emergency medical procedures» the trainee must acquire the following practical skills, abilities, universal and professional competencies: GPC-4, GPC-6, PC-1.

*Table 2.1. List of competences that students acquire during the internship*

<b>Competence code</b>	<b>Competence descriptor</b>	<b>Competence formation indicators (within this course)</b>
GPC-4	The ability to use medical devices prescribed by the order of medical care, and do examinations of the patient	GPC-4.3 Perform the technique of typical medical manipulations using medical devices according to medical care procedures
GPC-6	The ability to organize patient care, to do primary health care, to organize of work and to make professional decisions in emergency conditions at the prehospital stage, in emergency situations, epidemics and in centers of mass destruction	GPC-6.2 to identify conditions of emergency medical care, including clinical symptoms of a sudden cessation of blood circulation and breathing. GPC-6.3. to make emergency medical care to patients in clinical death (stopping the vital functions of the human body (blood circulation and (or) breathing)
PC-1	The ability to provide medical care to the severe patient	PC -1.1. The ability to assess the severe state of a patient PC -1.4. The ability to recognize emergency situations including clinical death (stopping the vital functions of the human body (blood circulation and / or respiration), requiring emergency medical care PC-1.5 The ability to perform emergency care to patients in emergency situations including clinical death (stopping the vital functions of the human body (blood circulation and/or respiration)

## 3. INTERNSHIP IN HIGHER EDUCATION PROGRAMME STRUCTURE

The internship refers to the core/variable/elective\* component of (B2) block of the higher educational programme curriculum.

\* Underline whatever applicable. The core component includes all introductory field internships, the variable component includes all advanced field internships, except for research and pre-graduate types of the internship. The elective module includes all research and pre-graduation types of the internship (if any).

Within the higher education programme students also master other disciplines (modules) and / or internships that contribute to the achievement of the expected learning outcomes as results of the internship.

*Table 3.1. The list of the higher education programme components that contribute to the achievement of the expected learning outcomes as the internship results.*

<b>Competence code</b>	<b>Competence descriptor</b>	<b>Previous courses/modules, internships*</b>	<b>Subsequent courses/modules, internships*</b>
GPC-4	The ability to use medical devices prescribed by the order of medical care, and do examinations of the patient	Anatomy, biology	Introduction to internal diseases
GPC-6	The ability to organize patient care, to do primary health care, to organize of work and to make professional decisions in emergency conditions at the prehospital stage, in emergency situations, epidemics and in centers of mass destruction	Anatomy, biology	Introduction to internal diseases
PC-1	The ability to provide medical care to the severe patient	Anatomy, biology	Introduction to internal diseases Introduction to clinical medicine

\* To be filled in according with the competence matrix of the higher education programme.

#### **4. INTERNSHIP WORKLOAD**

The total workload of the internship is 3 credits (108 academic hours).

#### **5. INTERNSHIP CONTENTS**

*Table 5.1. Internship contents\**

<b>Modules</b>	<b>Contents (topics, types of practical activities)</b>	<b>Workload, academic hours</b>
<b>Section 1</b> Safety briefing. Types of medical institutions	Topic 1.1 Basic safety rules during medical manipulations Topic 1.2 Legal aspects of providing and not providing Medicare	<b>4</b>

<b>Section 2</b> Emergency aid in case of sudden death in adults	Topic 2.1 Inspection of the scene and assessment of safety for yourself and the patient. The concept of resuscitation: indirect cardiac massage, artificial ventilation of lungs by the "mouth to mouth" and "mouth to nose" methods. The statement of death. Topic 2.2 Algorithm for performing BLS actions for sudden death in adults with AED application. Developing a manual skill in simulated conditions Topic 2.3 Algorithm for performing BLS actions for sudden death in adults without AED application	<b>24</b>
<b>Section 3</b> Cleaning procedures	Topic 3.1. Cleaning procedures of gastrointestinal tract (1) Topic 3.2 Cleaning procedures of gastrointestinal tract (2) Topic 3.4 Catheterization of the urinary bladder in females, males	<b>14</b>
<b>Section 4</b> First aid	Topic 4.1 first aid for bleeding and blood loss Topic 4.2 first aid for wounds Topic 4.3. first aid for injuries of the spine, chest, pelvic bones, traumatic brain injury	<b>12</b>
<b>Раздел 5</b>	Final lesson	<b>9</b>
<b>Раздел 6</b>	Practice work at clinical hospitals	<b>36</b>
<b>Раздел 7</b>	Practice report	<b>9</b>
	<b>TOTAL</b>	<b>108</b>

\* The contents of internship through modules and types of practical activities shall be FULLY reflected in the student's internship report.

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

The infrastructure and technical support necessary for the internship implementation include: laboratories/ specially equipped classrooms/ polygons/ measuring and computing complexes/ vehicles/ industrial equipment and devices/ household premises that comply with current sanitary and fire safety standards.

The SAFETY REQUIREMENTS at the enterprise, workplace (including the department of RUDN University) and during the work with certain production/laboratory equipment incorporate/ include the following (to be specified)....

## **7. INTERNSHIP LOCATION AND TIMELINE**

The internship can be carried out at the structural divisions of RUDN University (at Moscow-based organisations, as well as those located outside Moscow).

The internship at an external organisation (outside RUDN University) is legally arranged on the grounds of an appropriate agreement, which specifies the terms, place and conditions for an internship implementation at the organisation.

The period of the internship, as a rule, corresponds to the period indicated in the training calendar of the higher education programme. However, the period of the internship can be rescheduled upon the agreement with the Department of Educational Policy and the Department for the Organization of Internship and Employment of RUDN students.

## 8. RESOURCES RECOMMENDED FOR INTERNSHIP

### *Main readings:*

1. Nikitin I.S., Galustov A.M., Lobzhanidze B.D. [et al.]. *General medical skills. Execution algorithms. General medical skills. Algorithms of performance.* Moscow: RUDN. 2020, 355 p.

2. Kostsova N.G., Tigai Zh.G. [and etc.]. *Algorithms for performing manipulations in the treatment room.* Peoples' Friendship University of Russia, 2022, 120 p.

2. Kostsova N.G., Tigai Zh.G., Dogotar O.A. [and etc.]. *General medical skills. Execution algorithms.* Peoples' Friendship University of Russia. 2019, 112 p.

3. Kostsova N.G., Tigai Zh.G. [and etc.]. *Primary professional skills and abilities: patient care.* Peoples' Friendship University of Russia. 2021, 235 p.

4. Shek D.L., Sopetik V.S. and [and others]. *Basic rules and methods for performing injections.* Moscow: RUDN. 2017, 52 p.

5. Gordeeva I.G., Otarova S.M., Balkizov Z.Z. *Nursing business. Practical guide.* Moscow. Geotar media. 2017. 575 p. *Resources of the information and telecommunications network "Internet"*

<http://lib.rudn.ru/MegaPro/Web>

<http://www.biblioclub.ru>

<http://www.biblio-online.ru>

[www.studentlibrary.ru](http://www.studentlibrary.ru)

<http://e.lanbook.com/>

2. Databases and search systems:

- [www.consilium-medicum.com/media/gyper](http://www.consilium-medicum.com/media/gyper)

<http://www.mediasphera.ru/>

<http://www.mmm.spb.ru/Russian/MMM.html>

<http://www.medi.ru/doc/81.htm>

<http://www.medi.ru/doc/86.htm>

<http://www.medi.ru/doc/88.htm>

<http://www.consilium-medicum.com/media/gynecology/>

<http://www.medi.ru/doc/65.htm>

<http://www.practica.ru/history.htm>

<http://www.consilium-medicum.com/media/> <http://www.iacmac.ru/cmac/>

[www.visma.ac.ru/~pharm/library/index.html](http://www.visma.ac.ru/~pharm/library/index.html)

<http://www.medi.ru/doc/83.htm>

<http://www.medi.ru/doc/77.htm>

<http://elibrary.ru/defaultx.asp>

<http://www.rmj.ru/main.htm>

<http://zdorovie.ad.ru>

<http://www.consilium-medicum.com/media/consilium/>

<http://docs.cntd.ru/>

- <https://www.yandex.ru/>
- <https://www.google.ru/>
- SCOPUS
- <http://www.elsevierscience.ru/products/scopus/>

*The training toolkit and guidelines for a student to do an internship, keep an internship diary and write an internship report\*:*

1. Safety regulations to do the internship (safety awareness briefing).
2. Machinery and principles of operation of technological production equipment used by students during their internship; process flow charts, regulations, etc. (if necessary).
3. Guidelines for keeping an internship diary and writing an internship report.

\*The training toolkit and guidelines for the internship are placed on the internship page in the university telecommunication training and information system under the set procedure.

## **8. ASSESSMENT TOOLKIT AND GRADING SYSTEM\* FOR EVALUATION OF STUDENTS' COMPETENCES LEVEL AS INTERNSHIP RESULTS**

The assessment toolkit and the grading system\* to evaluate the level of competences (GPC-4, GPC-6, PC-1) formation as the internship results are specified in the Appendix to the internship syllabus.

\* The assessment toolkit and the grading system are formed on the basis of the requirements of the relevant local normative act of RUDN University (regulations / order).

### **DEVELOPERS:**

Director of the Accreditation  
and Simulation Training  
Centre

position, educational department

signature

Tigai Zh.

name and surname.

Senior Lecturer

position, educational department

signature

Kostsova N

name and surname.

Associate Professor of Surgery  
Department

position, educational department

signature

Barkhudarov A

name and surname.

### **HEAD OF EDUCATIONAL DEPARTMENT:**

Director of the Accreditation  
and Simulation Training  
Centre

Tigai Zh.

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position, educational department

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signature

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name and surname.

**HEAD OF  
HIGHER EDUCATION  
PROGRAMME:**

Head of the Department of  
General Medical Practice

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position, educational department

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signature

Sturov N.V

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name and surname.