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

Institute of medicine  
**Accreditation and Simulation Training Centre**

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

**INTERNSHIP SYLLABUS**

**PRACTICE FOR OBTAINING PRIMARY PROFESSIONAL SKILLS AND  
PROFESSIONAL EXPERIENCE: ASSISTANT TO A PROCEDURAL NURSE**

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internship title

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internship type

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

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31.05.01 General medicine field of  
studies / speciality code and title

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

**31.05.01 General medicine**

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higher education programme profile/specialisation title

## 1. INTERNSHIP GOAL(s)

The goals of the internship «Practice for primary professional skills and professional experience: Assistant of a procedural nurse» are:

- development of practical skills in performing medical manipulations in the procedure room,
- providing students with information for studying practical skills;
- consolidate and deepen theoretical training, acquiring practical skills and competences.

Practice regulates the procedure for admission of students to summer productive hospital practice

## 2. REQUIREMENTS FOR LEARNING OUTCOMES

As a result of passing this productive practice «Practice for primary professional skills and professional experience: Assistant of a procedural nurse» the trainee must acquire the following practical skills, abilities, universal and professional competencies: GPC-1, GPC-4, PC-1, PC-6

*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-1	Being able to realized moral and legal norms, ethical and deontological principles in professional activities	GPC-1.1 Being able to comply moral and legal standards in professional activities. GPC-1.2 Being able to present professional information according principles of ethics and deontology
GPC-4	GPC-4. Being able to use medical devices provided for by the procedure for medical care, and conduct patient examinations in	GPC-4.1 Being able to use medical devices according to current procedures for the medical care, clinical recommendations (treatment protocols GPC-4.2 Being able to assess the effectiveness and safety of medical devices GPC-4.3. Mastering the technique of performing typical medical procedures using medical devices provided for by the procedures for medical care provision

PC-1	PC-1. Being able to provide emergency or urgent medical care to a patient	PC-1.1. Being able to assess the condition of a patient who needs emergency or urgent medical care. PC-1.4. Being able to recognize conditions which pose a threat to the patient's life, including conditions of clinical death (cessation of the vital bodily functions (blood circulation and/or respiration) which require emergency medical care. PC-1.5. Being able to provide emergency medical care to patients in conditions which pose a threat to the patient's life, including clinical death (cessation
<b>Competence code</b>	<b>Competence descriptor</b>	<b>Competence formation indicators</b> (within this course)
		of the vital bodily functions (blood circulation and/or respiration).
PC-6	PC-6. Being able to organized patient care, primary health care, professional decisions in emergency conditions at the prehospital stage, in emergency situations, epidemics and in areas of mass destruction	PC-6.3 Being Able to prepare medical documentation, including in electronic form  PC-6.4 Being able to monitor job duties by the local nurse and other medical workers at his disposal

### 3. INTERNSHIP IN HIGHER EDUCATION PROGRAMME STRUCTURE

The internship refers to the core component of (B2) block of the higher educational programme curriculum.

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>
PC-1	PC-1. Being able to provide emergency or urgent medical care to a patient	Introductory practice for primary professional skills and professional experience: patient's care	Practice for emergency medical manipulations (simulation center), Practice surgical profile: assistant surgeon. Obstetrics and Gynecology Practice: Gynecologist Assistant, General Medicine Physician Assistant: General Practitioner Assistant, General Medical Practice: Outpatient Physician Assistant, Obstetrics and Gynecology Practice: Obstetrician Assistant, Emergency Conditions, Emergency Medicine for Life-threatening Conditions

GPC-4	GPC-4. Being able to use medical devices provided for by the procedure for medical care, and conduct patient examinations in	Introductory practice for primary professional skills and professional experience: patient's care	Practice for emergency medical manipulations (simulation center),
GPC-1	Being able to realized moral and legal norms, ethical and deontological principles in	Introductory practice for primary professional skills and professional	Practice for emergency medical manipulations (simulation center), Practice for primary professional skills and professional experience: assistant for a procedural nurse, Practice surgical profile: assistant surgeon. Obstetrics and
<b>Competence code</b>	<b>Competence descriptor</b>	<b>Previous courses/modules, internships*</b>	<b>Subsequent courses/modules, internships*</b>
	professional activities	experience: patient's care	Gynecology Practice: Gynecologist Assistant, General Medicine Physician Assistant: General Practitioner Assistant, General Medical Practice: Outpatient Physician Assistant, Obstetrics and Gynecology Practice: Obstetrician Assistant, Emergency Conditions, Emergency Medicine for Life-threatening Conditions
PC-6	PC-6. Being able to organized patient care, primary health care, professional decisions in emergency conditions at the prehospital stage, in emergency situations, epidemics and in areas of mass destruction	Introductory practice for primary professional skills and professional experience: patient's care	Practice for primary professional skills and abilities: assistant to junior medical personnel, Practice for a diagnostic profile: assistant for a ward nurse, Practice for emergency medical manipulations (simulation center), Practice for primary professional skills and professional experience: assistant for a procedural nurse, Practice surgical profile: assistant surgeon. Obstetrics and Gynecology Practice: Gynecologist Assistant, General Medicine Physician Assistant: General Practitioner Assistant, General Medical Practice: Outpatient Physician Assistant, Obstetrics and Gynecology Practice: Obstetrician Assistant, Emergency Conditions, Emergency Medicine for Life-threatening Conditions

\* 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>
Module 1. Instruction on safety precautions	Topic 1.1. Safety briefing of medical institutions	12
	Topic 1.2 Asepsis and antisepsis	
	Topic 1.3 Rules of personal hygiene	
Module 2. Manipulations in the procedural room	Topic 2.1. Parenteral drug's administration (set up of the medicine). Parenteral drug's administration (subcutaneous injection). Parenteral drug's administration (intramuscular injection).	42
<b>Modules</b>	<b>Contents (topics, types of practical activities)</b>	<b>Workload, academic hours</b>
	Topic 2.2 Parenteral drug's administration (intravenous injection)	
	Topic 2.3. Complications during medical procedures in the procedural room	
Module 3.	Final lesson	9
Module 4	Practice work at clinical hospitals	36
Modul 5	Practice report	0
<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: specially equipped classrooms of Accreditation and Simulation Training Centre

*Table 6.1. List of classrooms for practical training*

<b>Classrooms</b>	<b>Classrooms equipment</b>	<b>Specialized educational / laboratory equipment, software and materials</b>
433-simulation class for training patient's care skills;	Epson multimedia projector, Classic Solution Lyra screen, Lenovo laptop, Software: Microsoft products (OS, office suite, including MS Office/Office 365, Teams, Skype)	Simulator for measuring blood pressure BT-CEAB2, Patient's care simulator NS SB 20144  Simulator for central venous catheterisation NS LF01087U, Simulator of arm for training intravenous injections KK.ARM11, /child manikin for training basic CPR, Simulator for training intramuscular injections LM, Simulator for training intravenous injection and venopuncture LT 00290, Simulator for positioning electrodes, NS LF01300U, Medical couch, Dropper stand, rolling tables, Changing table

347- simulation class for training patient's care skills;	Epson multimedia projector, Lenovo laptop, Smart board Software: Microsoft products (OS, office suite, including MS Office/Office 365, Teams, Skype)	Simulator for measuring blood pressure BT-CEAB2, Patient's care simulator NS SB 20144  Simulator for central venous catheterisation NS LF01087U, Simulator of arm for training intravenous injections KK.ARM11, /child manikin for training basic CPR, Simulator for training intramuscular injections LM, Simulator for training intravenous injection and venopuncture LT 00290, Simulator for positioning electrodes, NS LF01300U, Medical couch, Dropper stand, rolling tables, Changing table, simulator for training CPR, Simulator for children stomach probing and washing AR331, Simulator for training probe feeding KKMW8.11-386, Heimlich maneuver simulator Defibrillator Power Heart AED
356- simulation class for training patient's care skills;	Epson multimedia projector, Lenovo laptop, Smart board Software: Microsoft products (OS, office suite, including MS	Simulator for measuring blood pressure BT-CEAB2, Patient's care simulator NS SB 20144  Simulator for central venous catheterisation NS LF01087U, Simulator of arm for training intravenous injections KK.ARM11, /child manikin for training basic CPR, Simulator for training intramuscular injections LM, Simulator for training
<b>Classrooms</b>	<b>Classrooms equipment</b>	<b>Specialized educational / laboratory equipment, software and materials</b>
	Office/Office 365, Teams, Skype)	intravenous injection and venopuncture LT 00290, Simulator for positioning electrodes, NS LF01300U, Medical couch, Dropper stand, rolling table, Changing table, simulator for training CPR,
157- simulation class for training patient's care skills;	Lenovo laptop, Software: Microsoft products (OS, office suite, including MS Office/Office 365, Teams, Skype)	Medical couch, Dropper stand, rolling tables Simulator for cleaning procedure, Simulator for stomach probing and washing, Simulator for training patient's care skills NS SB 20144, Simulator of auscultation with smartscope NSLF01142U
160- simulation class for training patient's care skills;	Lenovo laptop, Software: Microsoft products (OS, office suite, including MS Office/Office 365,	Medical couch, Dropper stand, rolling tables, baby changing table, Functional medical bed KMFT-MSK, wheelchair, Simulator for measuring blood pressure BT-CEAB2, Patient's care simulator NS SB 20144
161- simulation class for training patient's care skills;	Lenovo laptop, Software: Microsoft products (OS, office suite, including MS Office/Office 365, Plasma panel Led LG	Medical couch, Dropper stand, rolling tables, baby changing table, Functional medical bed KMFT-MSK, Patient's care simulator NS SB 20144, VirtuSHOK simulator, NS.LF03968U, Bladder Catheterization Trainer LT60155, Simulator for training probe feeding KKMW8.11-386, Simulator for training intramuscular injections LM, Simulator for training intravenous injection and venopuncture LT 00290, Defibrillator Power Heart AED, LM026M Neonatal Care Training Baby Trainer, Axion ECG

158simulation class for procedure skills	Lenovo laptop, Software: Microsoft products (OS, office suite, including MS Office/Office 365	Simulator for central venous catheterisation NS LF01087U, Simulator of arm for training intravenous injections KK.ARM-11, Simulator for training intramuscular injections LM, Simulator for training intravenous injection and venopuncture LT 00290, Simulator Telementor
65 simulation class for procedure skills		Simulator for central venous catheterisation NS LF01087U, Simulator of arm for training intravenous injections KK.ARM-11, Simulator for training intramuscular injections LM, Simulator for training intravenous injection and venopuncture LT 00290,

## 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, at clinical hospitals.

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. Алгоритмы выполнения манипуляций в процедурном кабинете : учебное пособие / Н.Г. Косцова, Ж.Г. Тигай, О.А. Доготарь [и др.]. - Москва : РУДН, 2022. - 117 с. [https://lib.rudn.ru:443/MegaPro/UserEntry?Action=Link\\_FindDoc&id=507065&idb=0](https://lib.rudn.ru:443/MegaPro/UserEntry?Action=Link_FindDoc&id=507065&idb=0)
2. Общемединские навыки. Алгоритмы выполнения = General medical skills. Algorithms of performance : учебное пособие / И.С. Никитин, А.М. Галустов, Б.Д. Лобжанидзе [и др.]. - Книга на русском и английском языках; Электронные текстовые данные. - Москва : РУДН, 2020. - 256 с. [https://lib.rudn.ru:443/MegaPro/UserEntry?Action=Link\\_FindDoc&id=494660&idb=0](https://lib.rudn.ru:443/MegaPro/UserEntry?Action=Link_FindDoc&id=494660&idb=0)

Материалы Федерального методического аккредитационного центра:

<http://fmza.ru/srednee-professionalnoe-obrazovanie/spetsialnosti-spo/sestrinskoe-delo/perechenprakticheskikh-navykov-umeniy/>

### *Internet sources*

1. Electronic libraries (EL) of RUDN University and other institutions, to which university students have access on the basis of concluded agreements:

- RUDN Electronic Library System (RUDN ELS) <http://lib.rudn.ru/MegaPro/Web>
- EL "University Library Online" <http://www.biblioclub.ru>
- EL "Yurayt" <http://www.biblio-online.ru>
- EL "Student Consultant" [www.studentlibrary.ru](http://www.studentlibrary.ru)
- EL "Lan" <http://e.lanbook.com/>

- EL "Trinity Bridge"

*2. Databases and search engines:*

- electronic foundation of legal and normative-technical documentation <http://docs.cntd.ru/>
- Yandex search engine [https:// www .yandex.ru/](https://www.yandex.ru/)
- Google search engine <https://www.google.ru/>
- Scopus abstract database <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 (competences in part) 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		Tigai Zh.
position, educational department	signature	name and surname.
Senior Lecturer		Kostsova N
position, educational department	signature	name and surname
Associate Professor of Surgery Department		Barkhudarov A
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### **HEAD OF EDUCATIONAL DEPARTMENT:**



Director of the Accreditation  
and Simulation Training Centre



Tigai Zh.

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educational department

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signature

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name and surname.

**HEAD OF  
HIGHER EDUCATION PROGRAMME:**

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position, educational department

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signature

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name and surname