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(RUDN University)

### **Medical Institute**

### **INTERNSHIP SYLLABUS**

### "INTRODUCTORY PRACTICE"

(name of the practice)

# **Educational**

(type of practice: educational, industrial)

# Recommended by the Didactic Council for the Education Field of

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31.05.03. Dentistry
(Code and Higher Education Field)
The student's internship is implemented within the professional education programme of higher education:
Dentistry
(Name of specialization EP of HE)

# 1. INTERNSHIP GOAL(s)

The goal of the "Introductory practice" is to develop students' personal qualities, as well as the formation of general professional and professional competencies in accordance with the requirements of the Federal State Educational Standard for Higher Education in the field of Dentistry in the discipline "Introduction to the specialty".

# 2. REQUIREMENTS FOR LEARNING OUTCOMES

The internship implementation "Introductory practice" 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).

Code	Competencies	Indicators of competence achievement
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.

"Introductory practice" 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 "Introductory practice".

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 -1.1.	The ability to implement moral and legal norms, ethical and deontological principles in professional activity.  Compliance with the basics of medical ethics and deontology; fundamentals of legislation in the field of	Human anatomy (anatomy of the head and neck). Histology. The Latin language. Physics. Medical informatics. Chemistry. Normal physiology. Life safety. Materials science.	ALL clinical disciplines.
	healthcare; legal aspects of medical activity.		
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). Histology. The Latin language. Physics. Medical informatics. Chemistry. Normal physiology. Life safety. Materials science.	ALL clinical disciplines.

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.	Human anatomy (anatomy of the head and neck). Histology. The Latin language. Physics. Medical informatics. Chemistry. Normal physiology. Life safety. Materials science.	ALL clinical disciplines.
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). Histology. The Latin language. Physics. Medical informatics. Chemistry. Normal physiology. Life safety. 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). Histology. The Latin language. Physics. Medical informatics. Chemistry. Normal physiology. Life safety. 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). Histology.	ALL clinical disciplines.
GPC - 10.4.	Making a plan and report on your work.	Human anatomy (anatomy of the head and neck). Histology. The Latin language. Physics. Medical informatics. Chemistry. Normal physiology. Life safety.	ALL clinical disciplines.

	Materials science.	

# 4. INTERNSHIP WORKLOAD

The total labor intensity of the discipline "Introductory Practice" is 3 credits. (108 ак.ч.)

# 5. THE CONTENT OF THE PRACTICE

*Table 5.1. Content of the practice\** 

Name of the practice section	The content of the section (topics, types of practical activities)	The scope of the discipline, SC/a.h.
Section 1.	1. Fire safety instruction (L. SS.)	10
The preparatory stage	2. Mastering the basic principles of medical ethics and deontology (L. LW. SS.)	20
	3. Introduction to dentistry. The structure of the specialty dentistry. (L. LW. SS.)	20
	4. Ergonomics of dental care. Equipment and equipment of the dental clinic. (L. LW. SS.)	20
Section 2. Clinical stage	5. Disinfection and sterilization in dentistry. SanPiN 2.4.2.2821-10. (L. LW. SS.)	20
Making a practice report		9
Preparation for the defense and	protection of the practice report	9
	IN TOTAL:	108

<sup>\*</sup>- the content of the practice by sections and types of practical training is  $\underline{FULLY}$  reflected in the student's report on the practice.

### 6. MATERIAL AND TECHNICAL SUPPORT OF THE DISCIPLINE:

Classroom for Academic Activity Type	Equipping the audience	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.	A set of specialized furniture.  Technical support:  - multimedia projector,  - Internet connection.  Software:

		- Microsoft products (the operating system, a suite of office applications, including MSOffice/Office 365, Teams.)
Lab/ Seminars classroom	Classrooms are located in buildings: ATI and GUM-SOC.	A set of specialized furniture.
	In the ATI building: audiences 249, 250, 251, 252 (the phantom	<u>Technical support</u> :
	class) и 253.	Dental simulation units.
	In the GUM-SOC building: audiences 232-	DLP Optoma H114 Projector.
	235 (the phantom class).	Lenovo Think Centre M71z automated workplace.
		Laptop Asus X756UVIntel.
		Projector AcerP1285.
		Display Elite Screens Spectrum Electric100V.
		Laptop ASUS X751LDV.
		Monoblock Dell Optiplex 3030.
		PC TMO3300 i3 254.
		Polymerization lamps "Woodpecker".
		Control units with a micromotor tip.
		Multimedia projector Sony VPL-C6.
		Electric screen Projecta PSECO001 Elproelectrol 160x160 sm.
		MOULAGES patient's head for phantom work in the package.
		Dental chair with electric drive and programmable position.
		The doctor's units are included.
		Screen 17" BenQ sc.1472.
		The screen is on a tripod Projecta, 180x180.
		Control units of the dental unit

		for 2 tips and a spray.
		Blocks of tips "DART 1440".
		Models of the upper and lower jaw with an articulator.
		A cupboard for storing sterile instruments.
		Instruments used in therapeutic, orthopedic and surgical dentistry.
		Consumables: gypsum, wax, casts, sealing materials, etc.
		Information stands and expositions:
		<ul><li>information stand in Russian and English;</li></ul>
		– visual aids, posters, models.
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.	

#### 7. METHODS OF PRACTICE

"Introductory practice" 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. EDUCATIONAL, METHODOLOGICAL AND INFORMATION SUPPORT OF THE DISCIPLINE.

*Internet-(based) sources:* 

- 1. Electronic libraries with access for RUDN students:
  - Electronic library system RUDN <a href="http://lib.rudn.ru/MegaPro/Web">http://lib.rudn.ru/MegaPro/Web</a>
  - ELS « University Library Online » <a href="http://www.biblioclub.ru">http://www.biblioclub.ru</a>

- ELS Yurayt <a href="http://www.biblio-online.ru">http://www.biblio-online.ru</a>
- ELS «Student's Consultant » www.studentlibrary.ru
- ELS «Lan» <a href="http://e.lanbook.com/">http://e.lanbook.com/</a>
- ELS « Troitsky most»
- 2. Databases and search engines:
  - electronic fund of legal and regulatory and technical documentation <a href="http://docs.cntd.ru/">http://docs.cntd.ru/</a>
  - the Yandex search engine https://www.yandex.ru/
  - the Google search engine <a href="https://www.google.ru/">https://www.google.ru/</a>
  - abstract database SCOPUS <a href="http://www.elsevierscience.ru/products/scopus/">http://www.elsevierscience.ru/products/scopus/</a>

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

- 1. Safety rules during the "Introductory practice" (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.
- \* all educational and methodological materials for practical training are placed in accordance with the current procedure on the practice page in <u>TUIS</u>!

# 8. 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 "<u>Introductory practice</u>" are presented in the in the application to this Internship Program (module).

# **DEVELOPERS:**

Head of practice, Assistant of the Department of Propaedeutics of Dental Diseases		Kryuchkova A.V.
Position, grade	Signature	Name
Main lecturer of the Department		
of Propaedeutics of Dental Diseases,		Gurieva Z.A.
Candidate of Medical Sciences		
Position, grade	Signature	Name

# **HEAD OF THE DEPARTMENT:**

Head of the Department of Propaedeutics of Dental Diseases, Doctor of Medical Sciences., Professor		Razumova S.N.
Position, grade	Signature	Name
HEAD OF THE HIGHER EDUCAT	ΓΙΟΝ PROGRAM:	
Deputy Director of the Medical Institute, Professor		Razumova S.N.
Position, grade	Signature	Name