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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

**COURSE SYLLABUS**

**Clinical Dentistry**

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course title

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

**31.05.03 Dentistry**

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field of studies / speciality code and title

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

**Dentistry**

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higher education programme profile/specialisation title

**2022-2023**

## 1. COURSE GOAL(s)

The goal of the course «**Clinical Dentistry**» is to equip students with knowledge of providing dental care to patients with somatic diseases.

## 2. REQUIREMENTS FOR LEARNING OUTCOMES

Mastering the course (module) «**Clinical Dentistry**» is aimed at the development of the following competences /competences in part: PC-6, PC-12, GPC-2, GPC-6.

*Table 2.1. List of competences that students acquire through the course study*

<b>Competence code</b>	<b>Competence descriptor</b>	<b>Competence formation indicators</b> (within this course)
PC-6	Being able to prescribe non-drug and drug treatment, monitor its efficacy and safety when solving professional tasks	PC-6.1. Developing a plan for dental disease treatment taking into account the diagnosis, age and clinical picture in accordance with the current procedures for the provision of medical care, clinical guidelines (treatment protocols) on the provision of medical care taking into account the medical care standards.
PC-12	Being able to implement and monitor the effectiveness of medical rehabilitation of a dental patient	PC-12.1. Developing optimal tactics for the treatment of oral pathology in children and adults considering the general somatic disease and further rehabilitation of a patient.
		PC-12.2. Applying methods of complex rehabilitation of patients with dental diseases considering the general condition of the body and the presence of concomitant pathology.
GPC-2	Being able to prescribe, monitor the efficacy and safety of non-drug and drug treatment	GPC-2.3. Consulting patients on methods for treating dental diseases drawing up a comprehensive treatment plan which justifies the most appropriate tactics and assesses possible complications caused by using this technique.
GPC-6	Being able to analyze and present in public medical information based on evidence-based medicine, participate in scientific research, introduce new methods and techniques aimed at protecting public health	GPC-6.3. Conducting public presentation of medical information based on evidence-based medicine/ partial participation in scientific research.

## 3. COURSE IN HIGHER EDUCATION PROGRAMME STRUCTURE

The course refers to the core/variable/elective\* component of (B1) block of the higher educational programme curriculum.

\* - Underline whatever applicable.

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

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

<b>Competence code</b>	<b>Competence descriptor</b>	<b>Previous courses/modules*</b>	<b>Subsequent courses/modules*</b>
PC-6	Being able to prescribe non-drug and drug treatment, monitor its efficacy and safety when solving professional tasks	Prevention and Public Dental Health;  Propaedeutics of Dental Diseases	Observing and Assisting a Dentist (General Dentistry)
PC-12	Being able to implement and monitor the effectiveness of medical rehabilitation of a dental patient	Prevention and Public Dental Health;  Propaedeutics of Dental Diseases	Observing and Assisting a Dentist (General Dentistry)
GPC-2	Being able to prescribe, monitor the efficacy and safety of non-drug and drug treatment	Prevention and Public Dental Health;  Propaedeutics of Dental Diseases	Observing and Assisting a Dentist (General Dentistry)
GPC-6	Being able to analyze and present in public medical	Prevention and Public Dental Health;	Observing and Assisting a Dentist (General Dentistry)

	information based on evidence-based medicine, participate in scientific research, introduce new methods and techniques aimed at protecting public health	Propaedeutics of Dental Diseases	
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#### 4. COURSE WORKLOAD AND ACADEMIC ACTIVITIES

The total workload of the course is \_\_\_\_\_ credits (\_\_\_\_\_ academic hours).

*Table 4.1. Types of academic activities during the periods of higher education programme mastering (full-time training)\**

Type of academic activities	Total academic hours	Semesters/training modules			
		9	10		
<i>Contact academic hours</i>	<i>144</i>	<i>32</i>	<i>48</i>		
Lectures (LC)					
Lab work (LW)	80	32	48		
Seminars (workshops/tutorials) (S)					
<i>Self-studies</i>	64	40	24		
<i>Evaluation and assessment (exam/passing/failing grade)</i>	12	6	6		
<b>Course workload</b>	academic hours	144	72	72	
	credits	4	2	2	

#### 5. THE COURSE MODULES AND CONTENTS

*Table 5.1. The content of the discipline and types of academic activities*

Course module title	Course module contents (topics)	Academic activities types
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<p>Introduction to Clinical Dentistry</p>	<p>Aims and objectives of the discipline "Clinical Dentistry". The role and place of a dentist in somatic clinic.</p>	<p>LW</p>
<p>Parsing rare (complex) of clinical cases experience department.  Indications for therapeutic, orthopedic and surgical treatment of patients with somatic pathology with specialists in other fields  Algorithm of dental care for patients with somatic disorders and diseases of the oral mucosa.  Prevention. Rehabilitation. The quality of life of patients.</p>	<p>Indications for therapeutic, orthopedic and surgical treatment of patients with somatic pathology with specialists in other fields  Algorithm of dental care for patients with somatic disorders and diseases of the oral mucosa.  Prevention. Rehabilitation. The quality of life of patients.</p>	<p>LW</p>
<p>Complex clinical cases dentists' general practice.</p>	<p>Discipline of Clinical Dentistry</p>	<p>LW</p>

Comprehensive dental rehabilitation of patients with somatic diseases (diseases of the cardiovascular system, metabolic disorders, diseases of the blood).	Methods of dental examination and modern programs of dental treatment of patients with somatic pathology. - complications that arise in the course of the underlying disease (propensity to infection, bleeding, reduction of regenerative processes and others.); modern possibilities of dental implantation. Precancerous diseases of the oral mucosa.	LW
Providing dental care to patients receiving chemoradiotherapy.	Classes are held on the basis of scientific and clinical departments of the Russian Scientific Center of Radiology	LW
Final control	Test control. Interview.	

## 6. CLASSROOM EQUIPMENT AND TECHNOLOGY SUPPORT REQUIREMENTS

*Table 6.1. Classroom equipment and technology support requirements*

Type of academic activities	Classroom equipment	Specialised educational / laboratory equipment, software, and materials for course study (if necessary)
Lab work	Classroom for laboratory work, individual consultations, routine monitoring and interim certification, equipped with a set of specialized furniture and equipment.	Installing the dental chair with Hiradent 654-3 -1 pc. ED 240 ovens with RS422 (Binder) (9010-0101) (LLC Diaem) - 1pc. RC-2ZT Phantom Frasaco GmbH head trainer Germany

Type of academic activities	Classroom equipment	Specialised educational / laboratory equipment, software, and materials for course study (if necessary)
		(10130120/190315/0001935) - 1 pc. Dental tools (set) - 10 pcs. Workplace student / teacher as part of the system unit, monitor, keyboard - 1 pcs. Intraoral Camera (10125230/221108/0006472 Korea.) - 1 pc. Ultrasonic scaler DTE-7DLED - 4 pcs.
Seminar	Classroom for laboratory work, individual consultations, routine monitoring and interim certification, equipped with a set of specialized furniture and equipment.	Classroom, Equipped with a set of specialized furniture, whiteboard;a set of devices includes portable multimedia projector, laptop,projection screen,stable wireless Internet connection. Software: Microsoft Windows,MS Office\Office 365,MS TEAMS,Chrome Monitor LED LG 55" 55UF771V Ultra HD, 100Hz, DVB-T2, DVB-C, DVB-S2, USB, WiFi
Computer Lab	Classroom for laboratory work, individual consultations, routine monitoring and interim certification, equipped with a set of specialized furniture and equipment.	Classroom, Equipped with a set of specialized furniture, whiteboard;a set of devices includes portable multimedia projector, laptop,projection screen,stable wireless Internet connection. Software: Microsoft Windows,MS Office\Office 365,MS TEAMS,Chrome Monitor LED LG 55" 55UF771V Ultra HD, 100Hz, DVB-T2, DVB-C, DVB-S2, USB, WiFi The workplace of the student / teacher as part of the system

Type of academic activities	Classroom equipment	Specialised educational / laboratory equipment, software, and materials for course study (if necessary)
		unit, monitor, keyboard - 8 pcs., there is an Internet connection. Software: Windows 8.1 Corporate (Microsoft Office Professional Plus 2007, Corporate Licensing Program (Microsoft Subscription) Enrollment for Education Solutions № 86626883от 01.04.2018 г.) Sirona Wibv-systems 1001-02-160-0445 №№ 1)2-3067086, 2016 2)2-2707139 , 2016 3)2-2707136 , 2016 4)2-2707154 , 2016 5)2-2536154 , 2016 6)2-2707122 , 2016 7)2-2695658 , 2016 8)2-2707144 , 2016

## 7. RESOURCES RECOMMENDED FOR COURSE STUDY

### a) Main readings:

1. Oral and Maxillofacial Surgery, Radiology, Pathology and Oral Medicine. Volume One.. - London : Elsevier, 2008. - 272 p.

### b) Additional readings:

1. Anaesthesia and Sedation in Dentistry [Текст] : Монография / Ed. by M.P. Coplans and R.A. Green. - Amsterdam ; New York : Elsevier, 1983. - 421 p.

2. Application of the International classification of diseases to dentistry and stomatology. ICD-DA [Текст] - Geneva : World health organization, 1973. - 114p.



3. American Pocket medical dictionary [Текст] : A dictionary of the Principal Terms Used in Medicine, Nursing, Pharmacy, Dentistry, Veterinary Science, and Allied Biological Subjects. - 19th ed. - Philadelphia-London : W.B. Saunders, 1953. - 639 p.

c) Internet sources:

Electronic libraries with access for RUDN students:

<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/>

Databases and search engines:

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

<https://www.yandex.ru/>

<https://www.google.ru/>

<http://www.elsevierscience.ru/products/scopus/>

*Training toolkit for self- studies to master the course* \*:

1. The set of lectures on the course “Clinical Dentistry”
2. The laboratory workshop (if any).on the course “Clinical Dentistry”
3. The guidelines for writing a course paper / project (if any) on the course “Clinical Dentistry”.
4. ....

\* The training toolkit for self- studies to master the course is placed on the course 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 UPON COURSE COMPLETION**

The assessment toolkit and the grading system\* to evaluate the competences formation level (PC-6, PC-12, GPC-2, GPC-6) upon the course study completion are specified in the Appendix to the course 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:**

Associate professor of  
Department of general and  
clinical dentistry

\_\_\_\_\_

position, department

E.N.Gvozdikova

\_\_\_\_\_

signature

\_\_\_\_\_

name and surname

Head of Department of  
general  
and clinical dentistry

position, department

signature

A.M.Avanesov

name and surname

**HEAD OF EDUCATIONAL DEPARTMENT:**

of general  
and clinical dentistry

name of department

signature

A.M.Avanesov

name and surname

**HEAD  
OF HIGHER EDUCATION PROGRAMME:**

position, department

signature

Z.S.Habadze

name and surname