

Документ подписан простой электронной подписью  
Информация о владельце:  
ФИО: Ястребов Олег Александрович  
Должность: Ректор  
Дата подписания: 07.06.2023 15:57:03  
Уникальный программный ключ:  
ca953a0120d891083f939673078ef1a989dae18a

**Federal State Autonomous Educational Institution of Higher Education**

**PEOPLES' FRIENDSHIP UNIVERSITY OF RUSSIA**

**RUDN University**

**Medical Institute**

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

## **COURSE SYLLABUS**

### **EMERGENCY CONDITIONS IN OUTPATIENT DENTISTRY PRACTICE**

course title

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

**31.05.03 Dentistry**

field of studies / speciality code and title

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

**Dentistry**

higher education programme profile/specialisation title

**2022**

## 1. THE GOALS OF MASTERING THE DISCIPLINE

The aim of the course «Emergency Conditions in Outpatient Dentistry Practice» to improve the quality of training future specialists for practical health care, to learn the rules of rendering first aid in emergency and emergency conditions in outpatient dental practice, to familiarize students with the basics of first aid, to build knowledge and skills for using them in extreme, urgent situations and in the future professional activity of the dentist.

## 2. REQUIREMENTS to LEARNING OUTCOMES

The mastering of the discipline «Emergency Conditions in Outpatient Dentistry Practice» is aimed at the formation of the following competencies of students: General Professional Competences - GPC -5, GPC-6, GPC-7 (in accordance with the Federal State Educational Standard of Higher Education (FSSES) 3++ 31.05.03 Dentistry).

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

<b>Competence code</b>	<b>Competence</b>	<b>Indicators of Competence Formation</b> (within the framework of this discipline)
<b>GPC-5</b>	Able to conduct a patient examination in order to establish a diagnosis when solving professional tasks	GPC -5.8. Perform differential diagnostics with other diseases/conditions, including urgent ones.
<b>GPC-6</b>	Able to prescribe, monitor the effectiveness and safety of non-drug and drug treatment in solving professional tasks	GPC -6.7. Prescribes medicines, medical devices, taking into account the diagnosis, age and clinical picture, and in accordance with the current procedures for the provision of medical care, clinical recommendations (treatment protocols) on the provision of medical care, taking into account the standards of medical care.
<b>GPC-7</b>	Able to organize work and make professional decisions in urgent conditions, in emergency situations,	GPC -7.2. Identifies conditions requiring emergency medical care, including clinical signs of sudden cessation of blood circulation and respiration.
		GPC -7.3. Provides emergency medical care to patients with conditions that pose a threat to the life of patients, including clinical death

<b>Competence code</b>	<b>Competence</b>	<b>Indicators of Competence Formation</b> (within the framework of this discipline)
	epidemics and in centers of mass destruction	(stopping vital functions of the human body (blood circulation and (or) respiration).
		GPC -7.4. Uses medicines and medical devices when providing medical care in an emergency form.

### **3. THE COURSE IN THE HIGHER EDUCATION PROGRAMME STRUCTURE**

The course “Emergency Conditions in Outpatient Dentistry Practice” refers to the Compulsory Disciplines of block B1 of the EP HE.

Within the framework of the Educational Program, students also master other disciplines and/or practices that contribute to expected learning outcomes of the course «Emergency Conditions in Outpatient Dentistry Practice».

*Table 3.1. List of Higher Education Program disciplines that contribute to expected learning outcomes*

<b>Comp ence Code</b>	<b>The competence</b>	<b>Previous Disciplines</b>	<b>Subsequent disciplines</b>
<b>UC-5 (UC- 5.3)</b>	Provides social and professional interaction taking into account the peculiarities of the main forms of scientific and religious consciousness, business and general culture of representatives of other ethnic groups and confessions, various social groups.	Bioethics	General pathology and pathologic physiology; Pathologic anatomy General and clinical pharmacology; Forensic medicine; Neurology; Obstetrics and gynecology

Competence Code	The competence	Previous Disciplines	Subsequent disciplines
GPC-5 (GPC-5.1, 5.2, 5.7)	Collects anamnesis, analyzing patient complaints, conduct a physical examination at a dental appointment. Formulates a preliminary diagnosis and make a plan of laboratory and instrumental examinations of the dental patient. Directs the patient to provide specialized medical care in inpatient conditions or in a day hospital if there are medical indications in accordance with the current procedures for providing medical care, clinical recommendations (treatment protocols) on the provision of dental care.	Propaedeutics	
GPC-9 (GPC-9.3)	Determines morphofunctional, physiological states and pathological processes of the human body.	Internal diseases General surgery, surgical diseases Ophthalmology Otorhinolaryngology	Forensic medicine

#### 4. THE DISCIPLINE WORKLOAD AND ACADEMIC ACTIVITIES

The total workload of the discipline “*Emergency Conditions in Outpatient Dentistry Practice*” is equal to 2 credits.

Table 4.1. Types of academic activities during the period of the HE program mastering

Types of academic activities	TOTAL, academic hours (ac.h)	Semesters			
		5	6	7	8
Classroom learning, <i>ac.h.</i>	36			36	
including:					
Lectures ( <b>Lec</b> )					
Lab work ( <b>Lab</b> )					
Practical/seminar classes ( <b>SC</b> )	36			36	
Self-studies, academic hours ( <b>SS</b> )	30			30	
Evaluation and assessment (exam or pass/fail grading)	6			6	
<b>Total workload of the discipline</b>	ac.h.	<b>72</b>		<b>72</b>	
	credits	<b>2</b>		<b>2</b>	

## 5. THE COURSE MODULES AND CONTENTS

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

Modules	Content of the topics	Type of academic activities
Organization of work of the dentist in case of emergency at the out-patient clinic	1. Definition of emergency conditions, especially dental and outpatient centres, medical history, the first aid kit for emergency with somatic complications in the dental offices.	SC, SS
First aid for emergency conditions and diseases	1. Emergency care in hypertension.	SC, SS
	2. Emergency care in coronary heart disease, stroke, myocardial infarction.	SC, SS
	3. Emergency care in faint, epiperipatus, shock, collapse.	SC, SS
	4. Emergency treatment of bleeding in hemorrhagic shock in case of accidental injecting corrosive liquids.	SC, SS
	5. Differential diagnosis of head (face) pain: neuralgia of the facial nerve, trigeminal neuralgia.	SC, SS
	6. Emergency aid at acute allergic diseases: urticarial, angioedema, anaphylactic shock.	SC, SS
	7. Emergency aid in bronchial asthma, status asthmaticus.	SC, SS
	8. Coma. Emergencies in diabetes. Hyperglycemic coma. Hypoglycemic coma.	SC, SS
Basics of cardiopulmonary resuscitation	1. Emergency care for airway obstruction and hypoventilation. CPR when stop breathing and blood circulation.	SC, SS

## 6. CLASSROOM EQUIPMENT AND TECHNOLOGY SUPPORT REQUIREMENT

Table 6.1. Logistical and material provision of the discipline.

Classroom for Academic Activity Type	Classroom Equipment	Specialized educational/laboratory equipment, software and materials for the mastering of the discipline
Learning Lab (Moscow, Miklukho-Maklaya str., 10,	Classroom for seminar-type classes, group and individual consultations, ongoing monitoring and interim certification, equipped with a	Laboratory CO <sub>2</sub> - incubators Shellab, Microsoft products (OS, office suite) (Subscription Enrollment

Classroom for Academic Activity Type	Classroom Equipment	Specialized educational/laboratory equipment, software and materials for the mastering of the discipline
building 2, room 430 )	set of specialized furniture and multimedia presentation equipment.	for Education Solutions (CIS) No. 56278518 dated 23/04/2019) Guarantor (Agreement No. 13A/46/2018 dated 02/04/2018) Consultant Plus (Information Support Agreement dated 01/09/2013) Reg number of the co-03-207-7474 from 09.13 g
Learning Lab (Moscow, Miklukho-Maklaya str., 10, building 2, room 431 )	Classroom for seminar-type classes, group and individual consultations, ongoing monitoring and interim certification, equipped with a set of specialized furniture and multimedia presentation equipment.	Microsoft products (OS, office suite) (Subscription Enrollment for Education Solutions (CIS) No. 56278518 dated 23/04/2019) Guarantor (Agreement No. 13A/46/2018 dated 02/04/2018) Consultant Plus (Information Support Agreement dated 01/09/2013) Reg number of the co-03-207-7474 from 09.13 g
Classroom for students self-studies (Moscow, Miklukho-Maklaya str., 10, building 2, room 430).	Classroom for self-studies of students (can be used for seminars and consultations), equipped with a set of specialized furniture, microscopes and computers with stable wireless Internet connection.	Microsoft products (OS, office suite) (Subscription Enrollment for Education Solutions (CIS) No. 56278518 dated 23/04/2019) Guarantor (Agreement No. 13A/46/2018 dated 02/04/2018) Consultant Plus (Information Support Agreement dated 01/09/2013) Reg number of the co-03-207-7474 from 09.13 g

## 7. RECOMMENDED SOURSES for COURSE STUDIES

### a) Main reading

1. Levchuk I.P. First Aid in Case of Accidents and Emergency Situations [Электронный ресурс] : Course book / I.P. Levchuk, M.V. Kostyuchenko, A.P. Nazarov. - М. : ГЭОТАР-Медиа, 2017. - 120 p. - ISBN 978-5-9704-4230-2.
2. Bichun A.B., Vasiliev A.V., Mikhailov V.V. Emergency care in dentistry. - М.: GEOTAR - Media, 2016. - 320 p. : ill. - (Series "Library of a specialist doctor"). - ISBN 978-5-9704-3471-0.
3. Pautkin Yu.F., Kuznetsov V.I. First medical first aid [Electronic resource]: A manual for universities / Yu.F. Pautkin, V.I. Kuznetsov. - 5th ed. ; Electronic text

data. - M.: Publishing house of the RUDN University, 2014. - 163 p. : il. - ISBN 978-5-209-05937-0: 66.14. - 53.5 - P21

4th ed. 2013 [Text / electronic resource] -10 copies.

2nd ed., Rev. and add. 2007 [Text / electronic resource] - 7 copies.

*b) Additional reading:*

1. Emergency medical care at the prehospital stage [Electronic resource]: Textbook / A.L. Vertkin, L.A. Aleksanyan, Balabanova M.V. and etc.; Ed. A.L. Vertkin. - M.: GEOTAR-Media, 2017. - 544 p. - ISBN 978-5-9704-4096-4.
2. The organization of the provision of primary pre-medical, medical and health care affected by emergency nursing, medical nursing teams, first aid units in emergency situations [Text]: A manual for doctors, nurses and students of medical colleges and universities / M.Yu. Bogodarov [et al.]. - 2nd ed., Pererab. and add. - M.: PFUR Publishing House, 2017. - 233 p. - ISBN 978-5-209-08460-0: 137.17. -273 copies - 51.1 (2) - O-64
3. Bagnenko SF, Miroschnichenko AG, Vertkin AL, Khubutia M.Sh. Guide emergency medical care. M., GEOTAR-Media, 2009, 816 p.
4. Komchenkov S.A. Emergency conditions in outpatient dental practice. Institute of Dentistry. - St. Petersburg: MEDI publishing house, 2006. - 24 p.
5. Mansur T.I., Kuznetsov V.I. and others. The basics of general practice for dentists. Tutorial. Ed. PFUR, 2008, 72 pp.
6. Ivasenko P.I., Wagner V.D. Immediate conditions in outpatient dental practice (algorithmic guidance) -M. - Publishing house "MEDKNIGA", - 2000, 97s.
7. Emergency medical care: a textbook / T. V. Otvagina. - Ed. The 10th. - Rostov n / a: Phoenix, 2012., - 251 p.

*Internet (based) sources*

1. Electronic libraries with access for RUDN students:
  - Electronic library network of RUDN – ELN RUDN <http://lib.rudn.ru/MegaPro/Web>
  - ELN «University Library online» <http://www.biblioclub.ru>
  - ELN Urait <http://www.biblio-online.ru>
  - ELN «Student Advisor» [www.studentlibrary.ru](http://www.studentlibrary.ru)
  - ELN «E-library » <http://elibrary.ru/defaultx.asp>
2. Databases and search engines:
  - electronic fund of legal and regulatory and technical documentation <http://docs.cntd.ru/>
  - search system Yandex <https://www.yandex.ru/>
  - search system Google <https://www.google.ru/>
  - legal reference search system Consultant Plus (<http://www.consultant.ru/>)
  - legal reference search system Garant <https://base.garant.ru/>
  - abstract database SCOPUS <http://www.elsevierscience.ru/products/scopus/>
  - Universal Library ONLINE (<http://biblioclub.ru>).
  - Library of electronic journals Elsevier <http://www.elsevier.com/about/open-access/open-archives>
  - Online Medical Library MedLib <http://med-lib.ru/>

*Learning toolkits for self-studies during the development of the discipline*

1. Lectures Synopsis on the discipline "Emergency Conditions in Outpatient Dentistry Practice".

2. Methodological guidelines for the implementation and execution of control and independent work on the discipline "Emergency Conditions in Outpatient Dentistry Practice "

\* - All teaching materials for self-study of students are placed in accordance with the current procedure on the discipline page in the RUDN LMS TUIS.

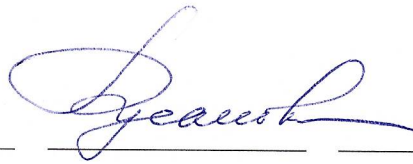
## 8. EVALUATION TOOLKIT AND GRADE SYSTEM FOR ASSESSMENT

Evaluation Toolkit (ET) and a point-rating system (PRS)\* for assessment the level of competence formation (part of competencies) based on the results of mastering the discipline "Emergency Conditions in Outpatient Dentistry Practice" are presented in the Appendix to this Work Program of the discipline.

\* - ET and PRS are formed on the basis of the requirements of the relevant local regulatory act of the RUDN

### DEVELOPERS:

Associate Professor of the  
Department of General  
Practice



E.I. Rusanova

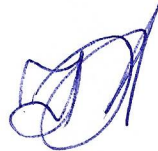
Associate Professor of the  
Department of General  
Practice



T.I. Mansur

### HEAD of the Department:

of General Practice



N.V. Sturov

### HEAD of the Higher Education Program:

Deputy Director of MI for  
Academic Affairs



S.N. Razumova