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ФИО: Ястребов Олег Александрович
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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**

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

COURSE SYLLABUS

OTORHINOLARYNGOLOGY

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

1. COURSE GOAL(s)

The goal of the course «**Otorhinolaryngology**» is to equip students with knowledge and methods of examining ENT organs, to teach diagnosis, treatment, prevention and rehabilitation of ear, nose and throat diseases.

2. REQUIREMENTS FOR LEARNING OUTCOMES

Mastering the course (module) «**Otorhinolaryngology**» is aimed at the development of the following competences /competences in part : GC-1, GPC-1, PC-1.

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

Competence code	Competence descriptor	Competence formation indicators (within this course)
GC-1	Being able to implement critical analysis of problem situations based on systems approach, develop an action strategy.	GC-1.1. Analysing the problem situation as a system identifying its components and links between them.
GPC-1	Being able to implement moral standards and legal regulations, ethical and deontological principals in professional activity	GPC-1.1. Observing bases of medical ethics and deontology; legal bases in healthcare; legal aspects of medical practice.
		GPC-1.2. Applying ethical standards and principles of a medical worker's behaviour when performing their professional duties; being aware of the latest health legislation when solving professional problems; applying the rules and norms of the doctor's interaction with colleagues and patients (their legal representatives).
PC-1	Being able to make an examination of a patient in order to determine a diagnosis.	PC-1.1. Making an initial examination and/or reexamination of a patient in order to make a preliminary diagnosis.
		PC-1.2. Receiving information from patients (their relatives/legal representatives); conducting a questionnaire survey of patients regarding their general health status; identifying concomitant diseases in order to make a preliminary diagnosis.

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

Competence code	Competence descriptor	Previous courses/modules*	Subsequent courses/modules*
GC-1	Being able to implement critical analysis of problem situations based on systems approach, develop an action strategy.	Anatomy, Pathological Anatomy, Normal Physiology, Pathophysiology, Pharmacology	Faculty Therapy, Faculty Surgery, Oncology, Radiation Therapy, Traumatology and Orthopedics, Pediatrics, Oral and Maxillofacial Surgery, Dentistry
GPC-1	Being able to implement moral standards and legal regulations, ethical and deontological principals in professional activity	Psychology and Pedagogy, Psychiatry, Medical Psychology	Faculty Therapy, Faculty Surgery, Oncology, Radiation Therapy, Traumatology and Orthopedics, Pediatrics, Oral and Maxillofacial Surgery, Dentistry
PC-1	Being able to make an examination of a patient in order to determine a diagnosis.	Pathological anatomy, Clinical pathological anatomy, Pathological physiology, Microbiology, Virology, Immunology Pharmacology	Faculty Therapy, Faculty Surgery, Oncology, Radiation Therapy, Traumatology and Orthopedics, Pediatrics, Oral and Maxillofacial Surgery, Dentistry

4. COURSE WORKLOAD AND ACADEMIC ACTIVITIES

The total workload of the course is 2 credits (72 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	
		7	
Classroom learning , ac.h.	48	48	
Lectures (LC)			
Lab work (LW)			
Seminars (workshops/tutorials) (S)	48	48	
Self-studies	24	24	
Evaluation and assessment (exam/ passing/failing grade)			
Course workload	ac.h.	72	72
	credits	2	2

* To be filled in regarding the higher education programme correspondence training mode.

5. COURSE CONTENTS

Table 5.1. Course contents and academic activities types

Course module title	Course module contents (topics)	Academic activities types
Research methods of ENT – organs.	Research methods of ENT – organs: anterior rhinoscopy, posterior rhinoscopy, pharyngoscope, otoscopy.	S
Pathology of the nose and paranasal sinuses.	Injuries of the nose and paranasal sinuses. Nosebleeds. Foreign body of the nasal cavity and paranasal sinuses. Acute and chronic rhinitis. Inflammatory diseases of the paranasal sinuses.	S
Pathology of the pharynx.	Angina, complications of angina. Adenoids. Foreign body of the pharynx.	S
Pathology of the ear.	Diseases of the external ear. Acute middle ear infections. Mastoiditis. Chronic diseases of the middle ear.	S
Pathology of the larynx.	Acute diseases of the larynx. Stenosis of the larynx. Tracheotomy.	S
Tumors of the ear and upper respiratory tract.	Tumors of the ear and upper respiratory tract.	S

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)
Lecture	Classroom for lecture-type classes, equipped with a set of specialized furniture; board (screen) and technical means of multimedia presentations.	Room for conducting lecture and seminar classes, group and individual consultations, current control and intermediate certification. A set of specialized furniture; hardware: Notebook HP ProBook 650 G5 (1J5S4EA), Multimedia DLP projector VivitekDS262 •
Lab work	Classroom for laboratory work, individual consultations, current control and intermediate certification, equipped with a set of specialized furniture and equipment.	Optical diagnostic device for otorhinolaryngology: version praktikant Punch laryngeal Kardesa with 9 nozzles maico MA-5202* channel clinical audiometer Simulator for mastering skills in endonasal endoscopic surgery "RINOSIM-2K" Impedancemeter (tympanometer) medical GSI for determining the mobility of the middle ear

Type of academic activities	Classroom equipment	Specialised educational / laboratory equipment, software, and materials for course study (if necessary)
		<p>system, with accessories. Version: GSI 39 "Diagnostik Troop LLS dba Grayson Stadler" USA Device for recording auditory evoked potentials and otoacoustic emissions, version ERO SCAN, with accessories. "MAIKO Diagnostic GmbH" Germany Equipment endoscopic Karl Storz for visualization and image processing, with accessories. Headlight illuminator.</p>
Seminar	Classroom for conducting seminar-type classes, group and individual consultations, current control and intermediate certification, equipped with a set of specialized furniture and technical means for multimedia presentations.	<p>Room for conducting lecture and seminar classes, group and individual consultations, current control and intermediate certification. A set of specialized furniture; hardware: Notebook HP ProBook 650 G5 (1J5S4EA), Multimedia DLP-projector VivitekDS262 • list of specialized equipment, visual posters, etc.</p>
Computer lab	A computer class for conducting classes, group and individual consultations, current control and intermediate certification, equipped with computers, a whiteboard (screen) and technical means for multimedia presentations.	<p>Notebook Lenovo IdeaPad 520-15KB 15.6 FHD (1920*1080) IPS nonGLARE/Intel Core i5-7200U 2.50GHz Dual/8Gb/1Tb/GF 940MX 2GB, 80YL001URK Multimedia projector Epson EMP-S1H SVGA 1400 ANSI 800*600 (1024*768) 400*1 3.2 kg sch.1273</p>
Self-studies	Classroom for students self-studies (can be used for seminars and consultations), equipped with a set of specialized furniture and computers with access to the EIOS.	

* The premises for students' self-studies are subject to **MANDATORY** mention

7. RESOURCES RECOMMENDED FOR COURSE STUDY

Main readings:

1. V.T. Palchun, M.M. Magomedov, L.A. Luchikhin. Otorhinolaryngology, educational literature for med.vuzov, 3 nd ed. M., "Geotar-Media", 2014 - 584 p.

2. V.T. Palchun, M.M. Magomedov, L.A. Luchikhin. Otorhinolaryngology, educational literature for med.vuzov, 3 d ed. - M., "Geotar-Media", 2016 – 584 p.
3. Popadyuk V.I., Chernolev A.I., Korshunova I.A., Bitsaeva A.V. Tracheotomy. Teaching aid. - M.: RUDN, 2017. - 51 p.
4. Popadyuk V.I., Chernolev A.I., Korshunova I.A., Bitsaeva A.V. Methods for the study of ENT organs. Teaching aid. - M.: RUDN University, 2018. - 71 p.
5. Popadyuk V.I., Chernolev A.I., Korshunova I.A., Bitsaeva A.V. Foreign bodies of ENT organs. Teaching aid. - M.: RUDN University, 2019. - 34 p.

Additional readings:

1. Bogomilsky M.R., Chistyakova V.R. Diseases of the ear, throat, nose in childhood. National leadership. Short edition. M. Medicine, 2015.
2. Palchun V.T. Diseases of the ear, nose and throat, textbook. "Geotar-Media", 2010.
3. Atlas of Otorhinolaryngology. Thomassin J.M. 2002.
4. Atlas of operative otorhinolaryngology. Ed. Pogossova V.S. M.: Medicine, 1983.
5. Popadyuk V.I., Kirichenko I.M. Anatomy, physiology and research methods of the vestibular analyzer. Teaching aid. – M.: Russian Peoples' Friendship University, 2016. - 74 p.
6. Popadyuk V.I., Kirichenko I.M. adenoids in children. Teaching aid. - M.: Russian University of Peoples' Friendship, 2016. - 56 p.
7. Popadyuk V.I., Korshunova I.A., Chernolev A.I. Nose injury. Teaching aid. - M.: Peoples' Friendship University of Russia, 2017. – 29p.
8. Popadyuk V.I., Korshunova I.A., Chernolev A.I. Throat diseases. Angina. Teaching aid. - M.: Peoples' Friendship University of Russia, 2017. - 59 p.
9. Popadyuk V.I., Chernolev A.I., Bitsaeva A.V., Novozhilova E.N. Acute and chronic sinusitis (clinic, diagnosis, treatment). Teaching aid. - M.: RUDN University, 2020. - 68 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
 - ELN «Lan» <http://e.lanbook.com/>
- 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/>
 - abstract database SCOPUS <http://www.elsevierscience.ru/products/scopus/>

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

1. The set of lectures on the course “Otorhinolaryngology”
2. The laboratory workshop (if any).on the course “Otorhinolaryngology”
3. The guidelines for writing a course paper / project (if any) on the course “Otorhinolaryngology”.
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 (GC-1, GPC-1, PC-1) 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 the
Department of
otorhinolaryngology

position, department

signature

I.A. Korshunova

HEAD OF EDUCATIONAL DEPARTMENT:

of Otorhinolaryngology

name of department

signature

V.I. Popadyuk

name and surname

HEAD

OF HIGHER EDUCATION PROGRAMME:

Deputy Director of MI

position, department

signature

S.N. Razumova

name and surname