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**Federal State Autonomous Educational Institution of Higher Education  
PEOPLES' FRIENDSHIP UNIVERSITY OF RUSSIA  
RUDN University named after Patrice Lumumba  
Institute of Medicine**

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

**FINAL STATE EXAMINATION SYLLABUS**

**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 final state examination is implemented within the professional education program of higher education:**

Dentistry

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higher education programme profile/specialisation title

**2024**

## 1. FINAL STATE EXAMINATION GOAL AND TASKS

The goal of the State Final Attestation within the framework of implementation of the curriculum "31.05.OZ Dentistry" is to determine the compliance of the results of students' mastering the curriculum with the relevant requirements of the FSES of higher education.

The tasks of the state final attestation are:

to check the quality of teaching a person basic humanitarian knowledge, natural-science laws and phenomena necessary in professional activity; to determine the level of theoretical and practical preparedness of a graduate to perform professional tasks in accordance with the obtained qualification; to determine the degree of personal aspiration for self-development, professional development and mastery; - To ensure the quality of specialists' training in accordance with the requirements of the RUDN Educational Standard for Higher Education.

## 2. REQUIREMENTS FOR HIGHER EDUCATION PROGRAMME COMPLETION AND LEARNING OUTCOMES

Students who do not have academic arrears and who have fully completed the curriculum or the individual study plan of the study programme shall be admitted to the final examination.

By the end of the study programme a graduate should have the following  
The following competencies (GC):

<b>Code and descriptor of the generic competences</b>
GC-1. Is able to critically analyse problematic situations using a systematic approach, to develop a strategy of action
GC-2. Able to manage the project at all stages of its life cycle
GC-3. Is able to organise and lead a team, develop a team strategy to achieve the set goal
GC-4. Is able to apply modern communication technologies, including in foreign language(s), for academic and professional interaction
GC-5. Is able to analyse and take into account the diversity of cultures in the process

of intercultural interaction
GC-6. Can identify and prioritise her/his own activities and ways to improve them on the basis of self-assessment and lifelong learning
GC-7. Is able to maintain an adequate level of physical fitness to ensure full social and professional activities
GC-8. Able to create and maintain in everyday life and in professional life afe living conditions for the preservation of the natural environment and the sustainable development of society, including in the event of emergencies and military conflicts
GC-9. Able to use basic defectological knowledge in social and professional spheres
GC-10. Is able to make reasonable economic decisions in different fields of life activity
GC-11. Is able to form intolerant attitude towards manifestations of extremism, terrorism, corruptive behavior and counteract them in professional activity

**- general professional competences (GPC):**

<b>Code and descriptor of the general professional competences</b>
GPC-1 - Able to implement moral and legal norms, ethical and deontological principles in professional activity
GPC-2 - Able to analyze the results of own activity to prevent professional errors
GPC-3 - Able to prevent and combat doping in sport
GPC-4 - Able to carry out and monitor the efficiency of preventive measures, healthy life style development and hygiene education of population
GPC-5 -Is able to examine a patient in order to provide a diagnosis for the solution of professional tasks.
GPC-6 - Is able to prescribe, monitor the efficiency and safety of non-pharmacological and medical treatment while performing professional tasks.
GPC-7 - Able to organize work and make professional decisions in case of emergency, emergency situations, epidemics and mass destruction foci.
GPC-8 - Able to use basic physico-chemical, mathematical and natural science concepts and methods while solving professional tasks
GPC-9 - Is able to evaluate morphofunctional, physiological conditions and pathological processes in human organism to solve professional tasks
GPC-10 - Is able to organise the work of junior and middle medical staff in patient care
GPC-11 - Is able to implement principles of Quality Management in

<b>Code and descriptor of the general professional competences</b>
professional activities
GPC-12 - Capable of implementing and monitoring the effectiveness of medical rehabilitation of a dental patient
GPC-13 Is able to solve standard tasks of professional activity with the use of information bibliographic resources, medical-biological terminology, information-communication technologies taking into account basic requirements of information security

**- professional competences (PC):**

<b>Code and descriptor of the professional competences</b>
PC-1 - Able to examine a patient to establish a diagnosis
PC-2 - Is able to prescribe, monitor effectiveness and safety of non-medication and medication-assisted treatment
PC-3 - Is able to develop, implement and monitor the efficiency of individual rehabilitation programmes.
PC-4 - Capable of developing and controlling efficiency of sanitary-epidemiological and other preventive measures for public health protection
PC-5 - Able to perform hygienic education of population and medical workers to promote healthy life style
PC-6 - Is able to analyse and publicly present medical information based on evidence-based medicine, participate in scientific researches, implement new methods and techniques aimed at protection of public health
PC-7 - Able to carry out organisational and managerial activities

### **3. FINAL STATE EXAMINATION PROCEDURE**

FSA may be conducted either in person (students and the State Examination Commission are in PFUR during the FSA) or using distance learning technologies (DLT) available in the PFUR Electronic Information and Education Environment (EIE).

The procedure of conducting examinations in presentia or using DOT is regulated by the corresponding PFUR local normative act The final exam for the program "31.05.OZ Dentistry" includes - State Exam (SE).

### **4. STATE EXAM PROCEDURE**

The scope of the State Examination is 3 credit units.

The state examination is held in three stages:

The first stage is the evaluation of the graduate's theoretical knowledge in the form of computer-based testing using the tools available in the PFUR electronic information and education environment (EIOS);

The second stage is the assessment of the level of practical skills (abilities) mastering, checking the graduate's ability to perform the scope of future professional activity within the list of professional standards, in the form of an interdisciplinary examination in manual skills.

The third stage is the assessment of practical preparation of the graduate for future professional activity in the form of solving production situation tasks (cases).

In order to prepare students for the State Examination, the head of the educational program (at least one calendar month before the start of the SA) must familiarize the final year students with this program of the SA, a comprehensive list of theoretical issues included in the SA, examples of situational tasks (cases) to be solved during the certification test, as well as the order of each stage of the SA and the methodology of evaluation of its results (with evaluation materials).

Prior to the State Examination, the students shall be consulted on the questions and tasks included in the State Examination programme (pre-examination consultation).

The procedure for computer-based testing within the framework of the SATE is as follows:

- 1) The student receives 80 questions by random sampling;
- 2) The student must answer the questions in no more than 60 minutes;
- H) The grade is given by the computer-based testing system as a percentage of correct answers.
- 4) A student is deemed to have passed the final test if he/she answered 70 0/0 questions or more correctly.

Procedure for conducting the interdisciplinary examination in manual skills:

- 1) This stage of the final attestation is conducted at the bases of graduating departments equipped with necessary equipment and materials.

- 2) Control of graduate's activities and assessment of his/her level of practical training shall be carried out by the State Examination Commission.

The procedure of interdisciplinary final examination (interview in the main sections of stomatology)

1) the interview is conducted on the basis of solving situational tasks of generalised nature, on the main sections of dentistry: therapeutic dentistry, surgical dentistry, orthopaedic dentistry, children's dentistry, orthodontics

Assessment of the results of the GE is conducted in accordance with the methodology set out in the assessment materials presented in the Annex to this FSA program.

## **.5. REQUIREMENTS FOR GRADUATION QUALIFYING PAPER (DEGREE THESIS) AND PROCEDURE FOR ITS DEFENCE**

The degree thesis is a graduation qualifying paper that the student (several students in a team) prepare to demonstrate his/her/their level of competence and work readiness.

The list of degree thesis themes offered to students for further work is approved by the order of the head of the educational division (faculty/institute/academy) that runs the higher education programme, the respective information is delivered to the students by the programme head no later than six months before the date of the final state examination start.

The students are allowed to suggest their own themes for the theses, under the set procedure.

The student who has passed the state exam is admitted to defend the graduation degree thesis *(if there is a state exam in the final state examination procedure)*.

The student (students) is/are allowed to defend his/ her/their thesis only if this fully completed degree paper is signed by the respective graduate (s), the supervisor, the consultant (if any), the heads of the educational department and educational division; the thesis is also subject to the external review procedure (mandatory for master's and specialist's programmes) and the plagiarism check (in the "Anti-plagiarism" system). The review of the graduation qualifying paper supervisor shall be attached as well, with a specific emphasis laid on the graduate's activities in the course of the degree thesis drafting.

No later than 14 days before the date of the thesis defence, a rehearsal of the procedure is held at the presence of the degree thesis supervisor and other academic staff of the educational department, in order to timely identify and eliminate shortcomings in the structure, content and design of the degree thesis.

The degree theses are introduced to the State Examination Board members at the public defence procedure. It includes the students' oral reports with mandatory multimedia (graphic) presentations that introduce the thesis main content.

At the end of the reports, the students reply orally to the State Examination Board members' questions regarding the subject, structure, content of the paper and the profile/ specialisation of the higher education programme. The reports and / or answers to the Board members' questions may be delivered in a foreign language.

The stages of the graduation qualifying paper preparation, the requirements for its structure, volume, contents and design, as well as the list of mandatory and recommended documents submitted for defence are specified in the relevant guidelines.

The evaluation of the degree thesis defense results is carried out in accordance with the methodology set forth in the assessment toolkit that is specified in the Appendix to the syllabus.

(The procedure of the graduation qualifying paper (degree thesis) defence is not included in the final state examination).

## **6. REQUIREMENTS FOR EQUIPMENT AND TECHNOLOGY SUPPORT FOR FINAL STAE EXAMINATION**

The classrooms are equipped with a set of specialized furniture and technical means of multimedia, desks, chairs Epson EB-X18 projector, ASUS M50sv laptop 15.4 "WXGA+Glare, Lenovo IdealPad 300-151Sk B 6100U laptop, Windows Microsoft Office 2010. License #8662688Z from 01.04.2018); Lenovo IdealPad 300-151Sk B 6100U laptop, ASUS X55ZMA-XXO61N laptop, 15.6", Acer AS610 (HP8NR) projector, MW533 DLP WXGA 3300 AL High Windows Microsoft Office 2010. License #86626883 dated 01.04.2018), Dental simulators SARATOGA SMILY E Portable dental unit LC Dental(50 pcs. ), ViltEasy Dental Simulator(5 pcs.), Zumax Dental Electronic Microscope 17 pcs, built-in medical furniture; micromotors Strong 303, Strong a Cl(b)-Ol c dental handpieces, polymerization lamps, dental examination instruments (mirrors, probes, forceps), safety glasses, dental instruments, set of filling materials, assortment of drills, matrices, cofferdam set (set of yulamps, forceps for placing of clamps, cofferdam sheets, Cofferdam sheet puncher) mandibular and maxillary models to work out the different infusions (60 pieces), replacement tooth sets, polishing discs, brushes, polishing rubbers, machine files, hand files, root canal mouth extension

tools, edta gel, endodontic syringes, endodontic rulers, endodontic calibration rulers, paper pins sets, gutta percha sets, thematic stands.

## **7. RESOURCES RECOMMENDED FOR FINAL STATE EXAMINATION**

*Main readings to prepare for the state exam and/or degree thesis defence:*

Surgical Dentistry [Electronic resource] : Textbook / Ed. by VV. Afanasiev. - 3rd ed. revised. - M. : GEOTAR-Media, 2016. - 400 c. - ISBN 978-5-9704-3704-9.

bazikyan Ernest Aramovich. Endodontics [Electronic resource] : textbook / EA. Bazikyan L.V. Volchkova, G.I. Lukina; Under general ed. prof. Bazikyan . - Moscow: GEOTAR-Media, 2016. - 160 c. ISBN 978-5-9704-3557-1.

3. Volina Elena Grigoryevna. Private microbiology [Text] : Textbook for students of specialties 'Medical business', 'Dentistry'.

"Nursing" / E.G. Volina, L.E. Sarukhanova. - M. - Publishing house of PFUR, 2016. - 222 c. ill. - ISBN 978-5-209-06843-Z : 108.89. 52.6-B 67

Kagan Ilya Iosifovich. Topographical anatomy and operative surgery [Electronic resource] : textbook / I.I. Kagan SV. Chemezov. - M. : GEOTARMedia, 2016. - 672 c. - ISBN 978-5-9704-3856-5.

Maksimovskii Yuri Mikhailovich. Therapeutic stomatology. Cariesolopsh and diseases of the hard tissues of the teeth. Endodontics [Electronic resource] - Textbook / Maksimovskiy Y.M. Mitronin A.V.; Under general ed. by Y.M. Maksimovskiy. - M.: GEOTAR-Media, 2016. - 480 c. - ISBN 978-5-97043589-2.

Therapeutic dentistry. Cariesology and dental hard tissue diseases. Endodontics [Electronic resource] : Textbook / Ed. by Yu.M. Maksimovsky. - M. : GEOTAR-Media, 2016.

Therapeutic stomatology. Diseases of teeth [Electronic resource] Textbook in 3 parts. Ч. 1 / Ed. by E.A. Volkov, O.O. Janushevich. - Moscow : GEOTARMedia, 2016. - 168 c. ill. -ISBN 978-5-9704-3619-6.



Therapeutic stomatology [Electronic resource] : Textbook [ 0.0. Yanushevich [et al.] - 3rd ed., revised. and supplement. - M. : GEOTAR-Media, 2016. - 760 c. - ISBN 978-5-9704-3767-4

Pediatric stomatology [Electronic resource] : Textbook in 3 parts. Ч. 3: Orthodontics. - Moscow : GEOTAR-Media, 2016. - 240 c. - ISBN 978-5-9704-35540.

Pediatric stomatology [Electronic resource] : Textbook in 3 parts. P. 2: Surgery. - Moscow : GEOTAR-Media, 2016. - 320 c. - ISBN 978-59704-3553-3

Pediatric stomatology [Electronic resource] : Textbook in 3 parts. Ч. 1: Therapy. - Moscow : GEOTAR-Media, 2016. - 480 c. - ISBN 978-59704-3552-6.

Иулгакон Всеволон Сергеевич. Стоматологическое материаловедение [Electronic resource] : Tutorial / VS. Bulgakov. - 3rd ed. revised edition. Electronic text data. - M. : Publishing house of PFUR 2016. - 263 c. - [5VM 978-5-20906992-8.

Propaedeutic stomatology [Electronic resource] : Textbook / Edited by EA. Bazikyan, 0.0. Yanushchevich. - 2nd edition, revised. and supplement. - M. : GEOTAR-Media, 2016. - 640 c. - Vvm 978-5-9704-3617-2.

Bazikian EA. Peculiarities of disinfection and sterilization in dentistry [Electronic resource] : Tutorial / EA. Bazikian. - M. : GEOTAR-Media, 2016.

Fundamentals of dental prosthetics technology [Electronic resource].

Textbook in 2 vols. T. 2 / Edited by ES. Kalivrajian. - Moscow : GEOTARMedia, 2016.

92 c. -0020 ISBN 978-5-9704-3610-3.

Fundamentals of dental prosthetics technology. [Electronic resource].

Textbook in 2 vols. Vol. / Ed. by ES. Kalivrajian. - Moscow : GEOTARMedia, 2016. 576 c. - ISBN 978-5-9704-3609-7.

Orthopaedic stomatology [Electronic resource] : Textbook / Edited by I.Yu. Lebedenko, ES. Kalivrajian. - M. : GEOTAR-Media, 2016. - 640 c. - ISBN 9785-9704-3722-3.

Yanushevich Oleg Olegovich. Orthodontics. Situational tasks [Text] Tutorial / 0.0. Yanushevich, L.S. Persin. - Moscow : GEOTAR-Media, 2016. - 192 c. IL. - [5BM 978-5-9704-3595-z ; 770.00. 56.6 -я 65

Persin Leonid Semenovich. Orthodontics. Diagnosis and treatment of dental and maxillary anomalies and deformities [Text] : Textbook / L.S. Persin. - M.

GEOTAR-Media, 2016. - 640 c. : IL. - Svm 978-5-9704-3882-4 : 2350.00. 56.68 - П27

Denture technique [Electronic resource] : Textbook / Edited by M.M. Rasulov, T.I. Ibragimova, I.Yu. Lebedenko. - Lebedenko I.Y., ed. 2 ed. - GEOTARMedia, 2016.

Diseases of endocrine organs: syndromes, key points and clinical problems [Text/electronic resource] : educational-methodical manual on propaedeutics of internal diseases for 2-3 year students studying on specialties "Medicine", "Dentistry" / SV. Villewalde [etc.]. Electronic text data. - Moscow : Publishing house of PFUR, 2016. - 48 c. - ISBN 978-5-20907227-0 : 22.29. 54.15 - 3-12

Diseases of the oral mucosa [Electronic resource] : Textbook for students of the Faculty of Dentistry / F.Yu. Daurova [et al.] Electronic text data. - M. : Publishing house of PFUR 2016. - 113 c. - ISBN 978-5-20907002-3.

Diseases of digestive organs and liver: syndromes, key points and clinical problems [Text] : tutorial manual on propaedeutics of internal diseases for students of 2-3 year medical faculty specialties "Medical Business", "Dentistry" / SV. Villewalde [et al]; Ed. by J.D. K06alov. - Moscow : PFUR publishing house, 2016. - 91 c. : ill. - 1\$VM 978-5-209-07661-2 : 35.70.

54.13 - 3-12

2Gemonov VV. Histology and embryology of oral and dental organs [Electronic resource] : tutorial / BB. Gemonov, EN. Lavrova, L.I. Falin. M. : GEOTAR-Media, 2016.

Vavilova T.P. Biological chemistry. Oral biochemistry [Electronic resource] : Textbook / T.P. Vavilova, A.E. Medvedev. - Moscow : GEOTARMedia, 2016.

Mitrofanenko V.P. Anatomy Physiologsh and biomechanics of the dentoalveolar system [Electronic resource] : tutorial v.p. Mitrofanko. - 2nd ed. - SPb. : Lan Publishing House, 2016. - 304 c. - (Textbooks for universities. Special literature). - ISBN 978-5-81 14-2030.

Surgical Dentistry and Maxillofacial Surgery [Electronic resource] : National Guide / edited by A.A. Kulakov, T.G. Robustova, A.I. Nerobeev. - Moscow : GEOTAR-Media, 2015. - 928 c. - (National guidelines). = Ъvm 978-5-9704-3727-

Pharmacotherapy in endodontic practice [Electronic resource] Textbook for dentists and medical students studying in the specialty "Dentistry". Ч. 1 / author. A.V. Zoryan, I.V. Bagdasarova ; ed. by F.Yu. - Electronic text data. - M. RUDN Publishing House, 2015. - 68 c. : ill. - [5VM 978-5-209-06680-4.

Student's Practical Work Record Card [Electronic resource] Tutorial / Comp. V.S. Bulgakov, S.N. Razumova, A.E. Anurova. Electronic text data. - M. : PFUR Publishing House, 2015. - 12c. : ill. - E.M. 978-5-20905583-9.

Therapeutic dentistry [Electronic resource] : National manual / Edited by L.A. Dmitrieva, OM. MAKSIMOVSKOGO. - 2nd ed. revised and supplemented - M. : GEOTAR-Media, 2015.

Therapeutic Dentistry [Electronic resource] : Textbook in 3 parts. Part Z : Diseases of the oral mucosa / Ed. by G.M. Barer. - 2nd ed. - Moscow : GEOTAR-Media, 2015.

Therapeutic stomatology [Electronic resource] : Textbook in 3 parts. Part 2 Periodontal diseases / Edited by G.M. Barer. - M. : GEOTARMedia. 2015.

Therapeutic stomatology [Electronic resource] : Textbook in 3 parts. Ч. 1 : Diseases of teeth / Edited by E.A. Volkov, O.O. Janushevich. - M. : GEOTARMedia, 2015.

Diseases of teeth of non-carious origin [Electronic resource] Textbook for students of 3-5 courses of the Faculty of Dentistry / Z.S.

Khabadze [et al]. - Electronic text data. - M. : Publishing house of PFUR 2015. - 91 c. IL. - Ъvm 978-5-209-06712-2.

Diseases of teeth and oral cavity [Electronic resource] : Textbook / I.M. Makeeva [et al. - M. : GEOTAR-Media, 2015. - 256 c. - ISBN 978-5-9704 3410-9.

Zandelov Vyacheslav Lavrentievich. Arthritis, arthrosis, ankylosis and temporomandibular joint dysfunction in adults. Summary of the module "TMJ disorders". [Text/electronic resource] : a training manual V.L. Zandelov, S.Y. Ivanov. - Electronic text data. - M. : Publishing house of the People's Friendship University of Russia 2015. - 41 c. - tvn 978-5-209-06225-7 : 37.96. 56.6 - 3-27

Guidelines for practical exercises on dentures (complex prosthetics) [Text/electronic resource] : Tutorial / I.Yu. Lebedenko [et al.]; Edited by I.Y. Lebedenko. - Electronic text data. - M.

Practical Medicine, 2014. - 408 c. - ISBN 978-5-98811-291-4 : 465.00. 56.6 -P 85

Periodontology [Electronic resource] - National manual / Edited by Prof. L.A. Dmitrieva. - Moscow : GEOTAR-Media, 2014. - 704 c. - [5VM 978-5-97042768-2.

Operative maxillofacial surgery and dentistry [Electronic resource] : Textbook / edited by V.A. Kozlov, I.I. Kagan. - M. : GEOTAR-Media, 2014. - 544 c. - 5VM 978-5 9704-3045-3.

Lopatin Andrey V. Emergency states in the practice of dentist [Electronic resource] Training manual / A.V. Lopatin. - Electronic text data. - M. publishing house RUDN, 2014. - 31 c. : ill. - ISBN 978-5209-06086-4.

Bichun A.B. Emergency care in dentistry [Electronic resource] Guide for doctors / AB. Bichun A.V., Vagshiev A.V., Mikhaylov V.V. Mikhaylov. - Moscow : GEOTARMedia, 2014.

Bykov V.L. Histology and embryonic development of human oral organs [Electronic resource] / V.L. Bykov. - Moscow : GEOTAR-Media, 2014.

Student's Consultant [Electronic resource]: Database / Publishing Group "GEOTAR-Media"; OOO "Institute for Healthcare Management Problems". Moscow: GEOTAR-Media, 2013. - Mode #cTya://www.studmedlib.m/.

Pediatric stomatology [Text] / Ed. by RR. Wölber, M.S. Duggal, M.-T. Khozi ; ed. by L.P. Kiselnikova. - Moscow: GEOTAR-Media, 2013. 455 c. - [5WM 978-5-9704-2451-Z : 0.00. 57.3 -Д 38

Sapin M.R. Atlas of human anatomy for dentists [Electronic resource] / M.R. Sapin, D.B. Nikityuk, L.M. Litvinenko. - Moscow: GEOTAR-Media, 2013.

Bilich Gabriel Lazarevich. Human anatomy [Electronic resource]: Small-format atlas in three volumes. Vol. 3 / G.L. Bilich, V.A. Kryzhanovskiy. - M. GEOTAR-Media, 2013. - 624 c. - [5VM 978-5-9704-2349-Z

Psychiatry and Narcology [Electronic resource]: Textbook / N.N. Ivanets [et al.] - M.: GEOTAR-Media, 2012. - 832 c. - [INM 978-5-97041167-4.

Dermatovenereology: Textbook / V.V. Chebotarev. - Moscow: GEOTAR-Media, 2012. - 272 c. - tvm 978-5-9704-2094-2: 0.00. 55.8 - dm

Kuznetsov Sergey L. Histology of oral organs: Textbook. Atlas / S.L. Kuznetsov, VE. Torbek. - Moscow: GEOTAR-Media, 2012. - 136 p.: ill. - \$ wm 978-5-9704-2253-3: 0.00. 56.6 -k89

Vavilova Tatyana Pavlovna. Biochemistry of oral tissues and fluids: Textbook for universities / Sh. Vavilova. - 2nd ed. amended and supplemented. - M.: GEOTAR-Media, 2008, 2012. - 208 p.: ill. - 15 PM 978-5-9704-0858-2: 357.00. 28.072 - vp.

Gritsuk SF. Anesthesia and intensive care in stomatology [Electronic resource] : Manual for doctors / SF. Gritsuk. - Moscow: GEOTAR-Media, 2012. - 240 c. - (Library of a medical specialist). - [STM 978-5-9704-2224-3.

Topolnitsky 0.3. Atlas of pediatric surgical dentistry and maxillofacial surgery [Electronic resource]: Textbook / 0.3. Topolnitsky, A.Yu. Vasiliev. - Moscow: GEOTAR-Media, 2011. - 264 c. - ISBN 978-597041826-0.

*Additional readings to prepare for the state exam and/or degree thesis defence:*

Manual of surgical dentistry and maxillofacial surgery [Text] - In 2 volumes. T. 2 / T.G. Robustova [et al]; Ed. by V.M. Bezrukov, T.G. Robustova. - M. : Medicine, 1996, 2000. - 488 c. : ill. ISBN 5-225-04396-8 : 275.00.

Kagan I.I., Topographic anatomy and operative surgery : textbook for high schools studying on a speciality "Stomatology" / I.I. Kagan, SV. Chemezov. - Moscow : GEOTAR-Media, 2009. - 672 c. : IL. - ISBN 978-5-9704-10578 : 900.00.

Drobyshev A.Y., Maxillofacial surgery [Electronic resource] / ed. by ALO. Drobyshev, O.O. Janushevich - M. - GEOTAR-Media, 2018. - 880 c. - ISBN 978-5-9704-4081-0

Arzhantsev A.P. Radiological studies in stomatology and maxillofacial surgery [Electronic resource] / A.P. Arzhantsev - M. : GEOTARMedia, 2016. - 320 c. - ISBN 978-5-9704-3773-5

Kulakov A.A., Surgical dentistry and maxillofacial surgery [Electronic resource] : National guide / edited by A.A. Kulakov, T.G. Robustova, HI. Nerobeev. - Moscow : GEOTAR-Media, 2015. 928 c. (National guidelines series) - ISBN 978-5-9704-3727-8

Kozlov V.A., Operative maxillofacial surgery and dentistry [Electronic resource] / edited by V.A. Kozlov, I.I. Kagan - M. : GEOTAR-Media, 2014.544 p. - ISBN 978-5-9704-3045-Z

Maxillofacial Surgery. Modular structure of the Discipline : textbook / V.L. Zandelov; V.L. Zandelov et al. - Moscow : Publishing house of PFUR, 2011. - 66 c. - 60.00. 54.5 - Ч-41

Surgical Dentistry and Maxillofacial Surgery [Electronic resource] : National Guide / Ed. by A.A. Kulakov, T.G. Robustova, H.I. Nerobeev. - Moscow : GEOTAR-Media, 2015. - 928 c. - (National guidelines). - ISBN 978-5-9704-3727-8.

Sevbitov A.V. Features of conduction anesthesia during operations of tooth extraction in outpatient dentistry [Electronic resource] : textbook ed. by A.V. Sevbitov. - Moscow : GEOTAR-Media, 2017. - 168 c. - ISBN 978-59704-3812-1

Afanasyev VV, Surgical stomatology [Electronic resource] textbook / VV. Afanasiev [et al.] ; ed. by VV. Afanasiev. 3rd ed. revised. - M. : GEOTAR-Media, 2016. - 400 c. - ISBN 978-5-9704-3704-9

Bazikyan E.A., Tooth extraction surgery [Electronic resource] : textbook / E.A. Bazikyan et al. - Moscow : GEOTAR-Media, 2016. - 144 c. - ISBN 978-5-97043558-8

Odontogenic abscesses and phlegmons of maxillofacial area (clinical and diagnostic guidelines) [Text/electronic resource] : tutorial / V.L. Zandelov. - Electronic text data. - M. : Publishing house of the Russian University of Peoples Friendship, 2012. - 75 c. : ill. - ISBN 978-5-209-04598-4 : 23.38.

Surgical Dentistry. Inflammatory and dystrophic diseases of the salivary glands [Electronic resource] / Ed. by A.M. Panin. - M.

Litterra, 2011. - (Dentist's library).

Orthopedic stomatology : textbook / S.D. Arutyunov, E.A. Bragin

S. Burlutskaya [et al.]; edited by ES. Kalivrajian, I.Yu. Lebedenko, E.A. Bragin, I.P. Ryzhova. - 3rd ed. revised and updated. - M. : GEOTAR-Media, 2020. - 800 c. - ill. - ISBN 978-5-9704-5272-1 : 2200.00.

Technology of dental and maxillofacial prosthetics [Text] : manual for practical training / V.N. Trezubov, E.A. Bulycheva, S.D. Arutyunov. - Moscow Practical Medicine, 2020. - 167 c. : , color. ill. ; 25 cm. - Bibliography: p. 167 (10 titles). - 500 copies. - ISBN 978-5-98811-582-3 (in pers.).

Manual for practical training in orthopedic stomatology for students of the 4th year / edited by Lebedenko I. Y., Yerichev V. V. Markov B. P. / (Author's collective: Arutyunov S. D. et al.) Textbook. m.

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Resources of information and telecommunication network "Internet":

*Additional readings to prepare for the state exam and/or degree thesis defence:*

1. The Bank of tests with correct answers posted on the RUDN educational portal, in the RUDN TUIS system.

### *Internet sources*

1 PFUR Libraries and third-party Libraries to which university students have access on the basis of contracts.

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 student's self-studies to prepare for the state exam and /or to draft the degree thesis and defend it\*:*

1. The guidelines for drafting and formatting the degree thesis within the higher education programme General Medicine

2. The procedure for the degree thesis check in the "Anti- plagiarism" system.

3. The procedure for conducting the final state examination under the higher education programme General Medicine through the use of DLT and proctoring system.

\*The training toolkit and guidelines for the student's self-studies are placed on the final state examination page in the university telecommunication training and information system under the set procedure.



## **8. ASSESSMENT TOOLKIT AND GRADING SYSTEM\* FOR EVALUATION OF GRADUATES' COMPETENCES LEVEL**

The assessment materials and the grading system\* to evaluate the graduate's level of competences (GC-1-11; GPC-1-13; PC-1-7) formation as the results of the higher education programme completion are specified in the Appendix to this syllabus.

\* The assessment materials and the grading system are formed on the basis of the requirements of the relevant local normative act of RUDN University (regulations / order).

**HEAD OF EDUCATIONAL DEPARTMENT:  
of Surgical**

**Dentistry and**

**Maxillofacial Surgery**

**S.Y. Ivanov**

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educational department

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signature

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name and surname

**HEAD OF EDUCATIONAL DEPARTMENT:**

**of Orthopedic dentistry**

**I.Ju. Lebedenko**

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educational department

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signature

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name and surname

**HEAD OF EDUCATIONAL DEPARTMENT:  
General and**

**Clinical Dentistry**

**A.M. Avanesov**

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educational department

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signature

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name and surname

**HEAD OF EDUCATIONAL DEPARTMENT:  
Pediatric Dentistry**

**and Orthodontics**

---

**N.S. Tugurov**

educational department

signature

name and surname

**HEAD OF EDUCATIONAL DEPARTMENT:**

**Therapeutic**

**Dentistry**

**Z.S. Khabadze**

educational department

signature

name and surname

**HEAD  
OF FSA HIGHER EDUCATION PROGRAMME:  
Deputy Director of**

**Medical Institute**

**Z.S. Khabadze**

position, department

signature

name and surname