

MINISTRY OF EDUCATION AND SCIENCE OF THE RUSSIAN FEDERATION

PENZA STATE UNIVERSITY

Medical Institute

APPROVED

by Director of the Medical Institute



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03 2016

STUDY PROGRAM OF THE ACADEMIC DISCIPLINE

C.1.1.45 Dentistry

Specialty - 05/31/02 - General Medicine

Graduate's qualification (degree) - Medical doctor

Full-time study format

Penza, 20 16

1. Goal of the discipline

The aim of the study discipline "Stomatosology" is: the students' mastery theoretical foundations and practical skills in discipline to provide Dental care; building readiness and ability to be professional, personal and cultural self-improvement, the desire for permanent to improve their skills, work in a team of specialists, as well as qualities intellectuals and the humanistic foundations of the individual, allowing for social serving people.

2. Place of discipline in the structure of the specialist's OPOP

The "Stostoology" training discipline is studied in the 7th semester and belongs to the basic part of the block With one discipline.

Dentistry is one of the clinical disciplines that is interconnected with disciplines: Latin, biology, human anatomy, topographical anatomy and surgery, clinical anatomy, pathological physiology, radiation diagnostics, pharmacology.

The main provisions of the discipline Dentistry are required for preparing a doctor in the specialty "Pediatrics" OR Pedodontists and may be applied in the future while studying such disciplines as Hospital Surgery, Pediatric Surgery, Operative Surgery, Traumatology and Orthopedics, Otorhinolaryngology, Ophthalmology, Infectious Diseases, Physiotherapy, Dermatovenerology.

3. Students' competences acquired through successful completion of the discipline

The process of studying the discipline is aimed at forming the components of the following competences in accordance with Federal State Educational Standards of Higher Education (hereinafter – FSES HE) in this field of study:

Competence code	Name of competence	Structural elements of competence (having mastered the discipline students should know, be able to, obtain and apply)
1	2	3
GC-7	Readiness to use techniques of dental care, methods of protection in emergency situations	Know: main dental diseases that can cause severe complications and (or) death and main methods of their treatment and emergency care, technique to stop bleeding from the organs in the maxillofacial region. Be able to: diagnose emergency and life-threatening conditions of the organs in the maxillofacial region, provide emergency assistance in case of their presence. Obtain and apply: methods of providing emergency care for dental diseases.
GPC-9	Ability to assess morphofunctional, physiological and pathological processes in the human body to solve professional problems	Know: normal and pathological anatomy, histology, normal and pathological physiology of the organs of CHD. Be able to: assess pathological processes in the organs of CHD in case of major dental diseases, single out symptoms and syndromes, and make a diagnosis following them. Obtain and apply: skills of conducting and interpreting research of the organs of CHD
PC-5	Readiness to collect and analyze patient complaints, his or her history, examination results,	Know: main pathophysiological syndromes of dental diseases, main methods of diagnosing people with diseases of the CHD, taking into

	laboratory tools, post-mortem and other studies to establish the state or the presence or absence of a disease	<p>account their age and sex, current international classifications</p> <p>Be able to: recognize the main pathophysiological syndromes of dental diseases, interpret data of instrumental and laboratory studies.</p> <p>Obtain and apply: skills of collecting anamnesis, procedures for examining organs of CHD , interpretation of instrumental and laboratory research data.</p>
PC-11	Readiness to provide emergency medical care in conditions requiring urgent medical intervention	<p>Know: principles of diagnosing and treating dental diseases; basics of pharmacotherapy for various dental diseases.</p> <p>Be able to: assess the cause, severity of patient's condition and justify the choice of complex treatment; determine the scope and sequence of therapeutic, surgical and organizational measures (hospitalization, outpatient treatment, counseling); substantiate the scheme, plan and tactics of patient management, indications and contraindications to therapy.</p> <p>Obtain and apply: methods of using drugs, techniques for anesthetic injections; methods of providing emergency aid.</p>

4. Structure and content of the discipline Dentistry

4.1. Structure of the discipline (module)

The total workload of the discipline totals 2 credit units, 72 hours.

S. no.	Discipline's sections and topics	Semester	Cycle's day	Types of learning, including students' out-of-class work and workload (in hours)									Current progress monitoring types (by semester weeks)						
				In-class work				Out-of-class work					Interview (topic)	Colloquium	Test	Checking review works	Checking papers	Checking tests, etc.	Other
				In total	Lecture	Practical classes	Laboratory classes	In total	Preparing for lectures	Paper, essay and others	Course work (project)	Preparing for review works							
1.	Scope and objectives of dentistry. Questions of clinical examination and prevention of dental diseases. Main problems of dentistry and their importance for pediatrician.	7	1	5	2	4		1	1				1		1		1	1	
2.	Non-carious lesions occurring before teething. Etiology, clinical picture, treatment, prevention.	7	2	5	2	5		2	1				2		2		2	2	
3.	Non-carious lesions occurring after teething. Etiology, clinical picture, treatment, prevention.	7	3	5	2	4		1	1				3		3		3	3	
4.	Teeth diseases: caries. Etiology, clinical picture, treatment, prevention.	7	4	5	2	5		2	1	1			4		4		4	4	
5.	Inflammatory diseases of jowls: pericoronitis. Diagnosis, clinical picture.	7	5	6	2	4		2	1				5		5		5	5	

	treatment, prevention. Providing emergency assistance.																		
6.	Inflammatory diseases of jaws: periostitis. Diagnosis, clinical picture, treatment, prevention. Providing emergency assistance.	7	6	6	2	4		1	1				6		6		6	6	
7.	Inflammatory diseases of jaws: osteomyelitis. Diagnosis, clinical picture, treatment, prevention. Providing emergency assistance.	7	7	6	2	4		2	1				7		7		7	7	
8.	Teeth diseases: pulpitis. Etiology, clinical picture, treatment, prevention.	7	8	6	2	4		2	1				8		8		8	8	
9.	Teeth diseases: periodontitis. Etiology, clinical picture, treatment, prevention.	7	9	7	3	4		2	2				9		9		9	9	
10.	Control activity	7	10	6						2		2	10		10		10	10	
	General workload, in hours	7		57	19	38		15	10	3		2	Interim assessment						
													Form			Semester			
													Test			7			
													Exam			-			

4.2 Content of the discipline

Topics of practical classes

№	Topic
1.	Scope and objectives of dentistry. Questions of clinical examination and prevention of dental diseases. Main problems of dentistry and their importance for pediatrician.
2.	Non-carious lesions occurring before teething. Etiology, clinical picture, treatment, prevention.
3.	Non-carious lesions occurring after teething. Etiology, clinical picture, treatment, prevention.
4.	Teeth diseases: caries. Etiology, clinical picture, treatment, prevention.
5.	Inflammatory diseases of jowls: pericoronitis. Diagnosis, clinical picture, treatment, prevention. Providing emergency assistance.
6.	Inflammatory diseases of jowls: periostitis. Diagnosis, clinical picture, treatment, prevention. Providing emergency assistance.
7.	Inflammatory diseases of jowls: osteomyelitis. Diagnosis, clinical picture, treatment, prevention. Providing emergency assistance.
8.	Teeth diseases: pulpitis. Etiology, clinical picture, treatment, prevention.
9.	Teeth diseases: periodontitis. Etiology, clinical picture, treatment, prevention.
10.	Control activity.

5. Educational technology

In the process of teaching Dentistry, the following educational technologies are used:

- lectures using modern technological means of teaching;
- extracurricular work with students, including in the electronic educational environment using appropriate software, distance learning forms, possibilities of the Internet resources, individual consultations, etc.;
- practical classes in the form of a dispute, role-play game;
- demonstration of patients with various oral diseases;
- written work (essays on a given and free topics);
- discussion of papers prepared by students;
- students' independent work, which includes the exploration of theoretical material, preparation for practical exercises, implementation of creative paper, work with electronic information sources;

In order to implement an individual approach to teaching students undergoing special learning process within the framework of an individual work plan, the study of this discipline is based on the following possibilities: providing out-of-class work with students including in the electronic educational environment using appropriate software equipment, forms of distance learning, possibilities of Internet resources, and individual consultations.

5.1. Active methods of learning

- Analyzing the accuracy of defining the objectives of dentistry. Carrying out clinical examination and prevention of dental diseases. Main problems of dentistry and their importance for pediatrician.
- Analyzing the correctness of determining etiology, clinical picture, treatment and prevention of non-carious lesions that occur before the eruption of a tooth. Analyzing the accuracy of selecting treatment, prevention of tooth decay "caries".
- Analyzing the accuracy of determining etiology, clinical picture, treatment and prevention of non-carious lesions that occur after tooth eruption. Analyzing the correctness of selecting treatment, prevention of tooth decay "caries".
- Analyzing the correctness of selecting treatment, prevention of tooth decay "caries".
- Analyzing the accuracy of the diagnosis, clinical picture, treatment, and prevention in case of inflammatory diseases of jaws (pericoronitis). Providing emergency care.
- Analyzing the correctness of the diagnosis, clinical picture, treatment, and prevention in case of inflammatory diseases of the jaws (periostitis). Providing emergency care.
- Analyzing the accuracy of the diagnosis, clinical picture, treatment, and prevention in case of inflammatory diseases of jaws (osteomyelitis). Providing emergency care.
- Analyzing the accuracy of determining etiology, clinical picture, treatment and prevention of non-carious lesions that occur before tooth eruption. Analyzing the correctness of selecting treatment, prevention of dental disease "pulpitis".
- Analyzing the accuracy of the definition of etiology, clinical picture, treatment and prevention of non-carious lesions that occur before tooth eruption. Analyzing the correctness of selecting treatment, prevention of dental disease "periodontitis".

6. Educational and methodological support of students' out-of-class work

6.1. Plan for students' out-of-class work

Week	Topic	Type of out-of-class work	Task	Recommended literature	Number of hours
1	Scope target and objectives of dentistry. Questions of clinical examination and prevention of dental diseases. Main problems of dentistry and their importance for pediatrician	Preparation for in-class work	Explore Theoretic the material and answer on specified questions	1. Dictionary of professional dental terms: textbook. E.S. Kalivrajiyan, E.A. Bragin, S.I. Abakarov, etc. Moscow: GEOTAR-Media. 2014. 208 p. ISBN978-5-9704-2823-8. E-source: http://www.studmedlib.ru/book/ISBN9785970428238.ftml 2. Propaedeutic dentistry: textbook. E.S. Kalivrajiyan (and others). Moscow: GEOTAR-Media, 2013. 352 p. E-source: www.studmedlib.ru/book/ISBN9785-9704-2638-8 .	5
2	Non-carious lesions occurring before teething. Etiology, clinical picture, treatment, prevention.	Preparation for in-class work	Explore theoretic the material related classes. Answer on	1. Dictionary of professional dental terms: textbook. E.S. Kalivrajiyan, E.A. Bragin, S.I. Abakarov, etc. Moscow: GEOTAR-Media. 2014. 208 p. ISBN978-5-9704-2823-8. E-source: http://www.studmedlib.ru/book/ISBN9785970428238.ftml 2. Propaedeutic dentistry: textbook. E.S. Kalivrajiyan (and others). Moscow: GEOTAR-Media, 2013. 352 p. E-source: www.studmedlib.ru/book/ISBN9785-9704-2638-8 .	4
3	Non-carious lesions occurring after teething. Etiology, clinical picture, treatment, prevention.	Preparation for in-class work	Study theoretical material on the topic. Answer questions for self-control in the guidelines.	1. Dictionary of professional dental terms: textbook. E.S. Kalivrajiyan, E.A. Bragin, S.I. Abakarov, etc. Moscow: GEOTAR-Media. 2014. 208 p. ISBN978-5-9704-2823-8. E-source: http://www.studmedlib.ru/book/ISBN9785970428238.ftml 2. Propaedeutic dentistry: textbook. E.S. Kalivrajiyan (and others). Moscow: GEOTAR-Media, 2013. 352 p. E-source: www.studmedlib.ru/book/ISBN9785-9704-2638-8 .	4

				-5-9704-2638-8.	
4	Teeth diseases: caries. Etiology, clinical picture, treatment, prevention.	Preparation for in-class work	Study theoretical material on the topic. Answer questions for self-control in the guidelines.	1. Dictionary of professional dental terms: textbook. E.S. Kalivrajiyan, E.A. Bragin, S.I. Abakarov, etc. Moscow: GEOTAR-Media. 2014. 208 p. ISBN978-5-9704-2823-8. E-source: http://www.studmedlib.ru/book/ISBN9785970428238.ftml 2. Propaedeutic dentistry: textbook. E.S. Kalivrajiyan (and others). Moscow: GEOTAR-Media, 2013.352 p. E-source: www.studmedlib.ru/book/ISBN9785970428238.ftml	5
5	Inflammatory diseases of jawls: pericoronitis. Diagnosis, clinical picture, treatment, prevention. Providing emergency assistance.	Preparation for in-class work	Study theoretical material on the topic. Answer questions for self-control in the guidelines.	1. Dictionary of professional dental terms: textbook. E.S. Kalivrajiyan, E.A. Bragin, S.I. Abakarov, etc. Moscow: GEOTAR-Media. 2014. 208 p. ISBN978-5-9704-2823-8. E-source: http://www.studmedlib.ru/book/ISBN9785970428238.ftml 2. Propaedeutic dentistry: textbook. E.S. Kalivrajiyan (and others). Moscow: GEOTAR-Media, 2013.352 p. E-source: www.studmedlib.ru/book/ISBN9785970428238.ftml	4
6	Inflammatory diseases of jawls: periostitis. Diagnosis, clinical picture, treatment, prevention. Providing emergency assistance.	Preparation for in-class work	Study theoretical material on the topic. Answer questions for self-control in the guidelines.	1. Dictionary of professional dental terms: textbook. E.S. Kalivrajiyan, E.A. Bragin, S.I. Abakarov, etc. Moscow: GEOTAR-Media. 2014. 208 p. ISBN978-5-9704-2823-8. E-source: http://www.studmedlib.ru/book/ISBN9785970428238.ftml 2. Propaedeutic dentistry: textbook. E.S. Kalivrajiyan (and others). Moscow: GEOTAR-Media, 2013.352 p. E-source: www.studmedlib.ru/book/ISBN9785970428238.ftml	4
7	Inflammatory diseases of jawls: osteomyelitis. Diagnosis, clinical picture, treatment, prevention. Providing	Preparation for in-class work	Study theoretical material on the topic. Answer questions for self-control in the	1. Dictionary of professional dental terms: textbook. E.S. Kalivrajiyan, E.A. Bragin, S.I. Abakarov, etc. Moscow: GEOTAR-Media. 2014. 208 p. ISBN978-5-9704-2823-8. E-source: http://www.studmedlib.ru/book/ISBN9785970428238.ftml 2. Propaedeutic dentistry: textbook.	4

	emergency assistance		guidelines.	E.S. Kalivrajiyan (and others). Moscow: GEOTAR-Media, 2013.352 p. E-source: www.studmedlib.ru/book/ISBN978-5-9704-2638-8 .	
8	Teeth diseases: pulpitis. Etiology, clinical picture, treatment, prevention.	Preparation for in-class work	Study theoretical material on the topic. Answer questions for self-control in the guidelines.	1. Dictionary of professional dental terms: textbook. E.S. Kalivrajiyan, E.A. Bragin, S.I. Abakarov, etc. Moscow: GEOTAR-Media. 2014. 208 p. ISBN978-5-9704-2823-8. E-source: http://www.studmedlib.ru/book/ISBN978-5-9704-2823-8 . 2. Propaedeutic dentistry: textbook. E.S. Kalivrajiyan (and others). Moscow: GEOTAR-Media, 2013.352 p. E-source: www.studmedlib.ru/book/ISBN978-5-9704-2638-8 .	4
9	Teeth diseases: periodontitis. Etiology, clinical picture, treatment, prevention.	Preparation for in-class work	Study theoretical material on the topic. Answer questions for self-control in the guidelines.	1. Dictionary of professional dental terms: textbook. E.S. Kalivrajiyan, E.A. Bragin, S.I. Abakarov, etc. Moscow: GEOTAR-Media. 2014. 208 p. ISBN978-5-9704-2823-8. E-source: http://www.studmedlib.ru/book/ISBN978-5-9704-2823-8 . 2. Propaedeutic dentistry: textbook. E.S. Kalivrajiyan (and others). Moscow: GEOTAR-Media, 2013.352 p. E-source: www.studmedlib.ru/book/ISBN978-5-9704-2638-8 .	4
10	Control activity.	Preparation for in-class work	Study theoretical material on the topic. Answer questions for self-control in the guidelines.	1. Dictionary of professional dental terms: textbook. E.S. Kalivrajiyan, E.A. Bragin, S.I. Abakarov, etc. Moscow: GEOTAR-Media. 2014. 208 p. ISBN978-5-9704-2823-8. E-source: http://www.studmedlib.ru/book/ISBN978-5-9704-2823-8 . 2. Propaedeutic dentistry: textbook. E.S. Kalivrajiyan (and others). Moscow: GEOTAR-Media, 2013.352 p. E-source: www.studmedlib.ru/book/ISBN978-5-9704-2638-8 .	38

6.2. Methodological guidelines for organizing students' out-of-class work

CRITERIA:

- For papers

The volume of a paper should be within 4-5 printed pages (annexes are not included in the volume of the paper);

The structure of the paper should include a title page, a table of contents (sequential presentation of sections in the paper with an indication of the source page), an introduction (formulation of the essence of the studied problem, determination of relevance, goals and objectives of the paper), main part (each section of this part of the paper reveals a specific problem, or one of its sides, it is a logical continuation of the previous one; in this part, tables, charts, graphs, pictures can be given), a conclusion (summarized results or generalized summary are given in accordance with the paper topic, recommendations are submitted), a list of references;

When writing the paper, it is recommended to use 8 different sources;

The paper should be filled out and demonstrated correctly in compliance with the presentation culture;

In the course of presenting references to the used literature should be made;

The list of references should be correctly arranged.

6.3. Materials for current and interim assessment of students' knowledge

Competence mastering assessment

S.no.	Assessment type	Monitored topics (sections)	Competences that include components under assessment
1	Paper	Topic № 1-10	PC-5; PC-11; GC-7; GPC-9.
2	Interview	Topic № 1-10	PC-5; GC-7; GPC-9; PC-11.
3	Practical skills test	Topic № 1-10	PC-5; GC-7; GPC-9; PC-11.
4	Course work	Topic № 1-10	PC-5; GC-7; GPC-9; PC-11.

Examples of test tasks

001. The definition of public health adopted by World Health Organization includes the following elements

- a) physical, social and psychological well-being
- b) employment opportunity
- c) presence or absence of disease
- d) presence of a comfortable home

002. Public health is characterized by the following indicators:

- a) labor activity of the population
- b) incidence
- c) disability
- d) demographic landscape
- e) physical development of the population

003. The definition of "child health" includes the following criteria

- a) **the optimal level of physical, nervous Mentally,intellectual**(means involving a person's ability to think and to understand ideas and information.)
- b) sufficient functional and social adaptation
- c) high degree of resilience in relation to adverse effects
- d) lack of borderline conditions and signs of chronic diseases
- e) fertility rates

004. The main tasks of the clinic are

- a) medical care for patients at home
- b) medical and diagnostic services for the population
- c) organization of work to promote a healthy lifestyle
- d) preventive work
- e) examination of temporary disability

005. The measures to reduce time spent by patients in the clinic include

- a) analyzing the intensity of the patients flow over time
- b) rationing doctors' activities
- c) properly organizing the admission schedule of doctors

- d) Clear registry work (clear information)
- e) personnel discipline

006. The legal basis for compulsory health insurance is formed by

- a) the Russian Federation law "On medical insurance of citizens"
- b) additions and amendments to the law "On medical insurance of citizens "
- c) the Russian Federation law "On sanitary and epidemiological well-being of the population"
- d) basics of legislation on the protection of public health

007. The basic program of compulsory health insurance includes

- a) list of types and volumes of medical services carried out at the expense of OMC
- b) cost of various types of medical care
- c) organization of voluntary medical insurance
- d) types of paid medical services
- e) differentiation per capita cost of medical care depending on gender and age

008. Among these items relate to the licensing of medical institutions

- a) determining the types and amount of medical care carried out in hospitals
- b) issuing documents on the eligibility to carry out a certain type of treatment and preventive activities in the health insurance system
- c) determining the compliance of medical care quality with the established standards
- d) assessing the qualifications of medical personnel

009. Means of compulsory medical insurance in the region are formed by

- a) local administration funds
- b) funds of state enterprises and institutions
- c) funds of private and commercial enterprises and institutions
- g) funds of citizens

010. What are the types of health care children's population are defined by the Basic Programmed of Compulsory health insurance ?

- a) dispensary or (medical examination) , dynamic monitoring and planned Preventive and treatment interventions.
- b) organization and conduct of preventive vaccinations
- c) treatment for acute and exacerbation of chronic diseases
- d) observation by hospital doctors of a sick child at home after discharge from the hospital

011. The basis for admission to medical (pharmaceutical) activities is formed by the following document

- a) diploma of higher or secondary medical (pharmaceutical) institution
- b) certificate
- c) license
- d) certificate of completion of courses

012. During what period of time from the date of the publication of the health authority order is the qualification category valid for doctors, pharmacists, and average medical (pharmaceutical) staff?

- a) 5 years
- b) 3 years
- c) 7 years

013. Primary medical statistical documentation is needed

- a) for registration of the phenomenon under study (for example, the incidence with the first in the life of the diagnosed disease)
- b) for operational management of health facilities
- c) to develop a specific, informed decision
- d) to study the characteristics and patterns of public health
- d) all of the above

014. The indicators that determine the effectiveness of clinical examination include

- a) average number of patients in the dispensary observation (DN) **dispensary supervision**
- b) indicator of systematic observation
- c) recurrence rate indicator
- d) completeness of coverage of DN **dispensary supervision**
- e) morbidity with temporary disability in those who are on dispensary supervision

015. Medical deontology is

- a) independent science about the debt of medical workers
- b) applied, regulatory, practical part of medical ethics

Criteria for assessing test

“Excellent” (“5”) - 91% or more correct answers to test tasks.

“Good” (“4”) - 81-90% correct answers to test tasks.

“Satisfactory” (“3”) - 71-80% correct answers to test tasks.

“Unsatisfactory” (“2”) - 70% or fewer correct answers to test tasks.

Sample topics of paper

№	Number of abstracts
1.	Scope and objectives of dentistry. Questions of clinical examination and prevention of dental diseases. Main problems of dentistry and their importance for pediatrician.
2.	Non-carious lesions of teeth. Etiology, clinical picture, treatment, prevention.
3.	Teeth diseases: caries, pulpitis, periodontitis. Etiology, clinical picture, treatment, prevention.
4.	Periodontal disease. Diseases of the oral mucosa. Link or communicated dental and somatic diseases. Diseases of the salivary glands. Etiology, clinic, treatment, prevention
5.	Inflammatory diseases of jaws: pericoronitis, periostitis, osteomyelitis. Diagnosis, clinical picture, treatment, prevention. Providing emergency assistance.
6.	Inflammatory diseases of soft tissues of the face and neck: abscesses and cellulitis. Diagnosis, clinical picture, treatment, prevention. Providing emergency assistance.
7.	Traumatology of the maxillofacial area: damage to soft tissues and bones of the face. Primary surgical treatment of facial wounds. Providing emergency medical care at the stages of medical evacuation. Transport immobilization.
8.	Basic principles of reconstructive surgery of the maxillofacial area. Congenital malformations of teeth, jaws, face. Features of treatment and clinical examination of children with these malformations.

Criteria for assessing papers

The "excellent" mark is given for the answer, where:

- a. profound knowledge of the discipline, including fundamental knowledge, is demonstrated, information from additional specialized sources is used;
- b. material and key terms, definitions and concepts of the discipline are logically applied;
- c. there is a competent dialogue on the substance of the issues under discussion
- d. knowledge of issues related to specific clinical situations with examples of various pathological conditions and diseases is demonstrated (knowledge of modern international classifications, anatomical and physiological basis, etiopathogenesis, key patterns, clinical picture, diagnosis and modern methods of treatment of major diseases and pathological conditions), as well as the ability to interpret them at the level of the whole organism;
- e. knowledge and understanding of medical tactics for emergency and combined diseases and pathological conditions are shown.

The "good" mark is given for the answer, where:

- a. general knowledge of the basic provisions of the discipline within BPEP is demonstrated;
- b. material is logically and convincingly presented, but some mistakes are made when using key terms, definitions and concepts of the discipline
- c. there is a good dialogue on the substance of the issues under discussion and Clinical challenge;
- d. knowledge of issues related to specific clinical situations is demonstrated (knowledge of modern international classifications, anatomical and physiological basis, etiopathogenesis, clinical picture, methods of diagnosis and treatment of major pathological conditions);
- e. knowledge and understanding of medical tactics for emergency and combined diseases and pathological conditions are shown.

The "satisfactory" mark is given for the answer, where:

- a. poor knowledge and understanding of the main provisions of within BPEP are demonstrated;
- b. material is inconsistently presented, key terms, definitions and concepts of the discipline are used with uncertainty;
- c. poor knowledge of issues related to specific clinical situations is demonstrated (knowledge of modern international classifications, anatomical and physiological basis, etiopathogenesis, clinical picture, methods of diagnosis and treatment of major pathological conditions);
- d. poor knowledge and understanding of medical tactics for urgent and combined diseases and pathological conditions are shown.

The "unsatisfactory" mark is given for the answer, where:

- a. ignorance of the studied discipline is evinced;
- b. material is inconsistently presented, there is a lack of knowledge of key terms, definitions and concepts of the discipline;
- c. the answer does not comply with the clinical problem;
- d. there is a lack of knowledge of issues related to specific clinical situations;
- e. there is a lack of knowledge and understanding of medical tactics for urgent and combined diseases and pathological conditions.

Sample questions for interview

1. Clinical methods for examining a dental patient (examination, history taking, palpation, percussion and sounding of teeth, thermometry, etc.)
2. Types of X-ray examination methods used in

surgical dentistry (dental Ro-graphia(ex, periapical films) , viziography (OPG) **radiovisiography machine** ,

3. Laboratory methods of examining dental patient and role in the diagnosis and treatment of diseases of CHD .
4. Anatomical and immunobiological features of the maxillofacial region affecting the course of the wound process.
5. Non-carious lesions of teeth. Etiology, clinical picture, treatment, prevention.
6. Caries. Etiology, clinical picture, treatment, prevention.
7. Pulpitis. Etiology, clinical picture, treatment, prevention.
8. Periodontitis. Etiology, clinical picture, treatment, prevention.
9. . Periodontal disease. The link between dental and somatic diseases.
10. Diseases of the oral mucosa.
11. Inflammatory diseases of jaws: pericoronitis, periostitis, osteomyelitis. Diagnosis, clinical picture, treatment, prevention. Providing emergency assistance.

Criteria for assessing interview

The "excellent" mark is given for the answer, where:

- a. profound knowledge of the discipline, including fundamental knowledge, is demonstrated, information from additional specialized sources is used;
- b. material and key terms, definitions and concepts of the discipline are logically applied;
- c. there is a competent dialogue on the substance of the issues under discussion
- d. knowledge of issues related to specific clinical situations with examples of various pathological conditions and diseases is demonstrated (knowledge of modern international classifications, anatomical and physiological basis, etiopathogenesis, key patterns, clinical picture, diagnosis and modern methods of treatment of major diseases and pathological conditions), as well as the ability to interpret them at the level of the whole organism;
- e. knowledge and understanding of medical tactics for emergency and combined diseases and pathological conditions are shown.

The "good" mark is given for the answer, where:

- a. general knowledge of the basic provisions of the discipline within BPEP is demonstrated;
- b. material is logically and convincingly presented, but some mistakes are made when using key terms, definitions and concepts of the discipline
- c. there is a good dialogue on the substance of the issues under discussion and Clinical challenge;
- d. knowledge of issues related to specific clinical situations is demonstrated (knowledge of modern international classifications, anatomical and physiological basis, etiopathogenesis, clinical picture, methods of diagnosis and treatment of major pathological conditions);
- e. knowledge and understanding of medical tactics for emergency and combined diseases and pathological conditions are shown.

The "satisfactory" mark is given for the answer, where:

- a. poor knowledge and understanding of the main provisions of within BPEP are demonstrated;
- b. material is inconsistently presented, key terms, definitions and concepts of the discipline are used with uncertainty;
- c. poor knowledge of issues related to specific clinical situations is demonstrated (knowledge of modern international classifications, anatomical and physiological basis, etiopathogenesis, clinical picture, methods of diagnosis and treatment of major pathological conditions);
- d. poor knowledge and understanding of medical tactics for urgent and combined diseases and pathological conditions are shown.

The "unsatisfactory" mark is given for the answer, where:

- a. ignorance of the studied discipline is evinced;

- b. material is inconsistently presented, there is a lack of knowledge of key terms, definitions and concepts of the discipline;
- c. the answer does not comply with the clinical problem;
- d. there is a lack of knowledge of issues related to specific clinical situations;
- e. there is a lack of knowledge and understanding of medical tactics for urgent and combined diseases and pathological conditions.

List of practical skills and abilities mastered by students on successful completion of the discipline Dentistry:

Practical skills
Non-oral examination of a dental patient, palpation of tissues of face, neck, lymph nodes, jaws, examination of oral mucosa, tongue.
Methods of examining a dental patient. Instrumental examination of oral cavity and teeth (percussion, sensing, palpation). Writing a dental formula.
Reading radiographs for various dental diseases (teeth diseases, inflammatory diseases of jaws, face, fractures of facial bones, etc.).
Establishing preliminary diagnosis of the main dental diseases.
First aid for acute pulpitis and periodontitis.
Tooth extraction operation.
Local anesthesia in dentistry: infiltration anesthesia.
Premedication in dentistry and maxillofacial surgery.
General anesthesia in dentistry and maxillofacial surgery.
Treatment of complications of purulent-inflammatory diseases of the maxillofacial area (mediastinitis, facial thrombophlebitis, facial vascular thrombosis and cavernous sinus, etc.).
Assistance in case of diseases of the nervous system of the face.
First aid for injuries of teeth, lips, tongue, jaws, face, neck.
First aid for emergency conditions: bleeding, asphyxia, shock.
Transport immobilization in fractures of facial skeleton.
Assistance to victims with injuries of the maxillofacial area during medical evacuation
Care for injured people with injuries of the maxillofacial area with a combined injury.
Providing nutrition to a patient with trauma to jaws, face, and neck.

Criteria for assessing practical skills:

- - passed (> 60 points): mastering the bulk of practical skills and skills manipulation of the curriculum's ability to use

they are allowed in standard situations in the care of the patient's Single errors

- - failed (<60 pts.): no possession or lack of clear ideas about performing practical skills and manipulation of the basic skills educational program does not have the ability to use practical skills and skills in specific situations.

7. Educational, methodical and informational support of the academic discipline.

a) Basic literature

1. Dictionary of Professional Dental Terms: Textbook. E.S. Kalivrajiyan, E.A. Bragin, S.I. Abakarov, etc. Moscow: GEOTAR-Media. 2014. 208 p. ISBN978-5-9704-2823-8. E-source: <http://www.studmedlib.ru/book/ISBN9785970428238.html>
2. Propaedeutic Dentistry: Textbook. E.S. Kalivrajiyan (and others). Moscow: GEOTAR-Media. 2013. 352 p. E-source: www.studmedlib.ru/book/ISBN978-5-9704-2638-8.

b) Additional literature

1. Children's Surgical Dentistry and Maxillofacial Surgery. Collection of Illustrated Clinical Problems and Tests: Tutorial. Ed. by O.Z. Topolnitskogo, S.V. Dyakova, V.P. Vashkevich. Moscow: GEOTAR-Media, 2011. E-source: <http://www.studmedlib.ru/book/ISBN9785970419946.html>
2. Examination of Temporary Disability and Medical and Social Examination in Outpatient Practice: Study Guide. I.A. Viktorova, I.A. Grishechkina. Moscow: GEOTAR-Media, 2015. E-source: <http://www.studmedlib.ru/book/ISBN9785970432280.html>

c) software and Internet resources

1. Single-window access to educational resources - <http://window.edu.ru/>
2. Scientific electronic library eLibrary.ru - <http://elibrary.ru/>
3. DLS "Student Consultant" - <http://www.studmedlib.ru>


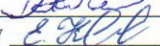
8. Material and technical support of the discipline (module)

S.no.	Name of special premises for in-class work	Equipment of special rooms and premises for in-class work	List of licensed software. Details of the supporting document.
1.	Classroom no. 1, premises of N.N. Burdenko Penza Regional Clinical Hospital, 28.4 m ²	Table - 3 pieces. Wardrobe - 2 pcs. Chair - 17 pcs. Training board - 1 pc. Visual aids (posters). Negatoscope - 1 pc. Jaw plaster models - 4 pcs.	<i>Microsoft Windows (DreamSpark / Microsoft Imagine Standart subscription); registration number 00037FFEBACF8FD7, contract number SD-130712001 dated 07/12/2013;</i> <i>Kaspersky Anti-Virus 2016-2017, registration number KL4863RAUFQ, No. HP-567116 dated August 29, 2016;</i> <i>freeware: Open Office; Mozilla Firefox;</i>
2.	Classroom no. 2, premises of N.N. Burdenko Penza Regional Clinical Hospital, 28.4 m ²	Table training - 2 pieces. Wardrobe - 2 pcs. Chair - 17 pcs. Training board - 1 pc. Visual aids (posters). Set of radiographs Multimedia projector - 1 pc.	Microsoft Windows (DreamSpark / Microsoft Imagine Standart subscription); registration number 00037FFEBACF8FD7, contract number SD-130712001 dated 07/12/2013; Kaspersky Anti-Virus 2016-2017, registration number KL4863RAUFQ, No. HP-567116 dated August 29, 2016;

3.	Equipped rooms on the premises of N.N. Burdenko Penza Regional Clinical Hospital	Specialized equipment and medical products: tonometer, stethoscope, phonendoscope, thermometer, height meter, antishock kit, kit and set for rendering for emergency preventive and therapeutic measures, surgical multi-purpose surgical table, surgical instruments, ligature wire.	Microsoft Windows (DreamSpark / Microsoft Imagine Standart subscription); registration number 00037FFEBACF8FD7, contract number SD-130712001 dated 07/12/2013; Kaspersky Anti-Virus 2016-2017, registration number KL4863RAUFQ, contract No. XII-567116 dated August 29, 2016; freeware: Open Office; Mozilla Firefox
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The study program of the discipline Dentistry was composed in compliance with the requirements of Federal State Educational Standard of Higher Education and curriculum of the specialty 31.05.01 Medicine.

The program was compiled by:

1. Nesterov A.V., Candidate of Medical Sciences, Associate Professor 
2. Kostrigina E. D., Assistant of the Department of Maxillofacial Surgery 

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The program was approved at the meeting of the Department of Oral and Maxillofacial Surgery

Record No. 4 dated « 5 » 03 20 16

Head of the department  Nesterov A.V.

The program was coordinated with

Dean of the Faculty of General Medicine  Moiseeva I.Y.

The program was approved by the methodological committee of the Medical Institute

Record No. 7 dated « 5 » 03 20 16

Head of the methodological committee
of the Medical Institute  Kalmin O.V.

Data on re-approval of the program for consecutive academic years and record of amendments

Academic year	Department decision (Record No., date, signature of head of the department)	Introduced amendments	Page numbers		
			changed	new	canceled
2016-2017	Record No. 1 dated 2.09.16	Re-approval for the new academic year without changes			
2016-2017	Amendment Record No. 10 dated 5.06.17	Changing the name of the specialty from “general practitioner” to “general practitioner” Adding information on the use of educational technologies for disabled students in clause 5			
2017-2018	Record No. 1 dated 1.09.17	Re-approval for the new academic year without changes			