

**MINISTRY OF EDUCATION AND SCIENCE OF THE RUSSIAN FEDERATION**

**PENZA STATE UNIVERSITY**

**Medical Institute**



«APPROVED» by

Director of Medical Institute

A.N.Mitroshin

« 5 » / 11 / 2016

**STUDY PROGRAM**

**C2.1.1 Practice on obtaining primary professional abilities and skills, including primary abilities and skills of research activity**

Speciality 31.05.03 Dentistry

Qualification of graduate - dentist

Type of study-full time

Penza, 2016

Study program for the discipline "Practice on obtaining primary professional abilities and skills, including primary abilities and skills of research activity" is drawn in accordance with the federal state educational standard of higher education and academic plan of the course 31.05.03 Dentistry

Study program for the discipline "Practice on obtaining primary professional abilities and skills, including primary abilities and skills of research activity"

The program developers:

Dean of Dentistry Faculty L.A.Zyul'kina



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The program was discussed and agreed at the department meeting

Report № 6  
from « 5 » 03 2016

Head of Dentistry Department



P.V.Ivanov

The program was agreed with the Dean of Dentistry Faculty.

Dean of Dentistry Faculty of Penza State University




L.A.Zyul'kina

The program was approved by methodological commission of the Medical Institute.

Report № 7  
from « 5 » 03 2016

Head of the methodological committee of



O.V.Kalmin

## 1. DISCIPLINE LEARNING OBJECTIVES

The purpose of “Practice on obtaining primary professional abilities and skills, including primary abilities and skills of research activity” is to obtain primary professional skills of care for patients with diseases of various organs and systems in the workload of Junior medical staff, first aid in case of emergency.

**2. Tasks of “Practice on obtaining primary professional abilities and skills, including primary abilities and skills of research activity”.**

- 1) development of functional responsibilities of nurses in an medical and surgical adult inpatient;
- 2) mastering of methods of observation and care of patients with the most common pathology and first aid in urgent conditions;
- 3) mastering of procedures and manipulations of medical attendants;
- 4) mastering of methods of behavior according to the principles of medical deontology and ethics.

**3. The place of discipline in the structure of specialist program**

«Practice on obtaining primary professional abilities and skills, including primary abilities and skills of research activity» refers to the variable part of Block C2 of Practice, including research activity. It is studied in the 4th term.

The following knowledge, skills and knowledge formed by previous disciplines are necessary for practical training:

Psychology and pedagogy:

Knowledge: the main directions of psychology, General and individual characteristics of the adult psyche, psychology of personality and small groups.

Skills: build and maintain working relationships with other members of the team.

Masterings: informing patients of different age groups in accordance with the requirements of the rules of "informed consent".

Biochemistry:

Knowledge: the chemical and biological essence of the processes occurring in the living organism of an adult at the molecular and cellular levels. Structure and biochemical properties of the main classes of biologically important compounds, the main metabolic pathways of their transformation; the role of cell membranes and their transport systems in metabolism in the human body.

Skills: interpret the results of the most common methods of laboratory diagnostics to identify pathological processes in human organs and systems; use chemical equipment.

Microbiology, Virology:

Knowledge: classification, morphology and physiology of microorganisms and viruses, their impact on human health, methods of microbiological diagnostics, the use of basic antibacterial antiviral drugs.

Skills: use of microbiological equipment.

Masterings: knowledge of the principles of sterilization, disinfection and antiseptic treatment of instruments and equipment to avoid infection of the doctor and the patient.

Physiology:

Knowledge: anatomical, physiological, age, sexual and individual features of the structure and development of a healthy and sick human body; functional systems of the human body, their regulation and self-regulation when exposed to the environment in normal.

Skills: interpret the results of the most common methods of laboratory and functional diagnostics, thermometry to detect pathological processes in human organs and systems.

Masterings: knowledge of the simplest medical instruments, including dental instruments (phonendoscope, spatula, tonometer, thermometer, as well as dental mirror, spatula, probe and tweezers).

Histology:

Knowledge: the main regularities of development and functioning of the human body on the basis of the structural organization of cells, tissues and organs; histogenetically characteristics of fabric elements; methods of their study.

Skills: to analyze histophysiological assessment of various cellular, tissue and organ structures in humans.

The student must: know:

- organization and equipment of the dental office, the main dental instruments, types and stages of sterilization, dental filling materials;

be able to: sterilize dental instruments and dressings, prepare the workplace dentist, knead a variety of filling materials, participate in the provision of primary emergency measures;

to master: safety regulations, methods of disinfection and sterilization, therapeutic manipulation of nurses dental profile.

#### 4. Method and forms of educational practice.

Forms of educational practice: clinical practice

The method of carrying out practice – inpatient

#### 5. Time and place of clinical practice.

The basis of the organization of practice is the agreement on the provision of the necessary conditions for the implementation of practical training of students in accordance with the law on health Ministry of health of Russia (№323-FZ of 21.11.11) between the FGBOU IN "Penza state University" and:

##### 1. Agreement on the organization of practical training of students

SD - 41/4 from 15.10.2014 from GBUZ "the Penza regional clinical hospital named. N. N. Burdenko".

Duration of practice-2 weeks. The duration of the working day is 6 hours.

Total complexity of clinical practice is 3 credits, 108 hours.

6. The competence of the student, formed as a result of learning the discipline (module) "Practice on obtaining primary professional abilities and skills, including primary abilities and skills of research activity". According to the state curriculum for the course, learning is oriented at developing the following competences and their elements.

Competence code	Name of the competence	Structural elements of competence (as a result of mastering discipline student must know, be able to do, master)
1	2	3
GPC - 1	readiness to solve standard tasks of professional activity with the use of information, bibliographic resources, biomedical terminology, information and communication technologies and taking into account the basic requirements of information security	To know: pharmaceutical terminology in Latin; - the composition and purpose of the main elements of a personal computer, their characteristics; - the concepts and classification of software; To be able to: - carry out statistical processing of experimental data; - explore functions using derivatives and plot functions; - tabulate experimental data, graphically represent them, interpolate; To master: methods of processing text and graphic information; - methods of processing the results of statistical observations using a computer; - methods of statistical processing of

		experimental results of chemical and biological studies;
GPC - 2	readiness for communication in oral and written forms in Russian and foreign languages to solve problems of professional activity	<p>To know: duties, rights, place of doctor in society; basic ethical documents of domestic and international professional medical associations and organizations.</p> <p>To be able to: possess the skills of presentation of independent point of view, analysis and logical thinking, public speech, moral and ethical arguments, conducting discussions and round tables; possess practical analysis of logic of various kinds of reasoning.</p> <p>To master: skills in presenting information in oral and written form.</p>
GPC - 3	ability to use the basics of economic and legal knowledge in professional activities	<p>To know: - norms of Russian and foreign law, the basic principles and provisions of constitutional, civil, labor, family, administrative law; - moral and ethical norms, rules and principles of professional medical behavior, the rights of the patient and the doctor, ethical foundations of modern medical legislation; - duties, rights, the place of the doctor in society; - basic ethical documents of international organizations, domestic and international professional medical associations; To To be able to: - to be guided in the existing normative legal acts about work, to apply regulations of the labor legislation in concrete practical situations; - to protect the civil rights of doctors and patients of different age; to estimate and define the requirements necessary for continuation of training; to build and maintain the working relations with other members of collective;</p> <p>To master: - the skills of presenting an independent point of view, analysis and logical thinking, public speech, conducting discussions and round tables;</p>
GPC - 4	The ability and readiness to realize ethical and deontological principles in professional activities	<p>To know: requirements and rules in obtaining informed consent for diagnostic and therapeutic procedures</p> <p>To be able to: conduct clinical assessments of the quality of restoration.</p> <p>To master: skills informing in accordance with the requirements of the rules of "informed consent"; the skills of planing treatment;</p>
GPC - 5	ability and willingness to analyze the results of their activities to prevent professional errors	<p>To know: - etiology, pathogenesis, diagnosis, treatment and prevention of the most common diseases; - precautions, special clothing;</p> <p>To be able to: - conduct a physical examination of a patient of different ages (examination, palpation, auscultation, measurement of blood pressure (BP), determination of pulse</p>



		<p>characteristics, respiratory rate), direct it to laboratory and instrumental examination, for consultation with specialists; - interpret the results of the examination, to make a preliminary diagnosis, to outline the scope of additional research to clarify the diagnosis; formulate a clinical diagnosis;</p> <p>To master: - algorithm of preliminary diagnosis of patients and, if necessary, followed by the direction of their additional examination and to doctors-specialists; - algorithm statement deployed clinical diagnosis of patients;</p>
GPC - 6	readiness to maintain medical records	<p>To know: - the main types of special reference literature and rules of work with it;- the concept of science, classification of Sciences. - methodological basis of scientific knowledge-modern classification of diseases; to be able to: - use databases for storage and use of information in health care; - use computer programs to solve problems of mathematical statistics in professional activities; - to interpret and use the data of the main instrumental methods of examination (ECG, ultrasound, x-ray, echo COP, FVD, FGDs, etc.), to remove the ECG yourself, properly execute the documentation.</p> <p>To master: - proper maintenance of medical records.</p>
GPC - 7	readiness to use the basic physico-chemical, mathematical and other natural science concepts and methods in solving professional problems	<p>To know: - characteristics of the physical factors influencing a living organism ; - rules of safety of work in chemical laboratory and with physical equipment; - rules of safety and work in biological laboratories with reagents, devices, animals; - characteristics and biophysical mechanisms of influence of environmental factors on an organism; the factors forming human health (ecological, professional, natural and climatic, endemic, epidemiological, genetic); - safety regulations and work in physical, chemical, biological laboratories with reagents, devices, animals;</p> <p>To be able to: - calculate the absolute and relative errors of measurement results; - predict the direction and result of physico-chemical processes and chemical transformations of biologically important substances; - perform thermochemical calculations necessary for the preparation of energy, to study the basics of rational nutrition;</p> <p>To master: - methods of measuring the values of physical quantities ; - the skills of practical use of devices and equipment in the physical analysis of substances.</p>

<p>GPC - 8</p>	<p>readiness for medical use of medicines and other substances and their combinations in solving professional problems</p>	<p>To know: - classification and main characteristics of drugs, pharmacodynamics and pharmacokinetics, indications and contraindications to the use of drugs, side effects;          To be able to: - apply basic antibacterial, antiviral and biological agents; - to assess the possible symptoms in case of overdose of drugs and ways of their elimination;          To master: - the concept of limitation in the authenticity and specificity of the most common laboratory tests; - prescribe medicines, use a variety of dosage forms in the treatment of certain pathological conditions, based on the characteristics of their pharmacodynamics and pharmacokinetics;</p>
<p>GPC - 9</p>	<p>ability to assess morphological, physiological States and pathological processes in the human body for the solution of professional tasks</p>	<p>To know: - structure, topography and development of cells, tissues, organs and systems of the body in interaction with their function in norm and pathology, features of the organism and population levels of organization of life; - basic laws of development and activity of the organism on the basis of the structural organization of cells, tissues and organs; - stages of development of typical pathological processes and diseases, their complications and outcomes; - syndromes and symptoms of the most common diseases; - etiologic, pathogenetic and symptomatic principles of treatment of typical pathological processes and diseases.          To be able to: - justify the principles of pathogenetic therapy of the most common diseases;          To master: - to palpate on the person the main bone reference points, to outline topographical contours of bodies and the main vascular and nervous trunks; - visually to estimate and record changes in bodies and fabrics of a corpse, to prove character of pathological process and its clinical manifestations; - to use the physical, chemical and biological equipment; - to work with magnifying equipment (microscopes, optical and simple loops).</p>

GPC - 10	readiness to provide the organization of care and primary pre-hospital health care.	<p>To know: - hygienic aspects of food, hygiene of the medical organizations, hygienic problems of medical and sanitary help to the working population;</p> <p>To be able to: - hygienic aspects of food, hygiene of the medical organizations, hygienic problems of medical and sanitary help to the working population; - to prepare the patient for laboratory examinations;</p> <ul style="list-style-type: none"> <li>- wash, treatment of the mouth, ears and nose nail trimming, hair care, including treatment when head lice</li> <li>- skin treatment with cream, ointment, chatterbox, powder, patch, washing, hygienic and therapeutic bath,</li> <li>- feeding of patients of different ages, the writing portion of the claim.</li> </ul> <p>To master: - primary examination of the patient in accordance with the current methodology.</p> <ul style="list-style-type: none"> <li>- to collect and dispose of medical waste, to carry out wet cleaning of chambers, treatment room, current and final disinfection prepare, store and use disinfectant solutions, to carry out activities to comply with the rules of aseptic and antiseptic, sterilization of instruments and materials, prevention of post-injection complications, hepatitis, AIDs.</li> </ul>
GPC -11	readiness for use of the medical products provided by orders of rendering medical care to patients with dental diseases	<p>To know: - the basic principles of management and organization of medical care to the population; organization of medical control over the health of the population, the examination of disability and medical and legal assistance to the population ; - properties of dental materials and drugs used in dental practice, dental instruments and equipment</p> <p>To be able to: - assess the patient's condition to make a decision about the need to provide him with medical care;</p> <p>To master: - basic medical tools (stethoscope, spatula, neurological hammer).</p>



PC -17	readiness for analysis and public presentation of medical information on the basis of evidence-based medicine.	<p>To know: - the main types of special dictionary-reference literature and rules of work with it; - the main opportunities of use of program covers, archivers of files, text editors, databases in health care;</p> <p>To be able to: - use databases to store and use information in health care; - use computer programs to solve problems of mathematical statistics in professional activities;-recognize changes in the structure of cells, tissues and organs in connection with various physiological and protective-adaptive reactions of the body.</p> <p>- conduct research on the functional state of the human body.</p> <p>To master: - critical analysis of received information; - skills in writing well-reasoned presentation of his own point of view; - methods to summarize and interpret data in a variety of medical science with common physiological and natural-scientific positions.</p>
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In the result of mastering of "Practice on obtaining primary professional abilities and skills, including primary abilities and skills of research activity" a student must know:

- The structure and work principles of clinics.
- Main stages of work of Junior medical personnel in hospitals of somatic and surgical profile for adults.
- Types of sanitary treatment of patients.
- Features of monitoring and care of patients with diseases of various systems of the body.
- The algorithm of carrying out of questioning the patient;
- Algorithm of examination of the patient (General inspection of elements of examination on systems);
- Modern methods of laboratory and instrumental diagnostics.

Be able:

- To provide sanitary and hygienic service to seriously ill patients:
- to carry out feeding of seriously ill people,
- to carry out hygiene of physiological functions, seriously ill (feeding, cleaning and washing of vessels, catheters, changing diapers, etc.),
- to participate in transportation of seriously ill people,
- to carry out the treatment of bedsores.

Master the skills of first aid in:

- dyspnoea,
- vomiting,
- faint,
- hyperthermias,
- nosebleed,
- acute urinary retention,
- cramps,
- syncope.

- critical analysis of the information received;
- Skills of the written reasoned statement of own point of view.
- Skills of public speech, argumentation, discussion and debate, practical analysis of logic of various kinds of reasoning
- Methodology to generalize and comprehend the data of various medical Sciences from the General physiological and natural-scientific positions
- Analyze the main pathological conditions.
- To determine the role of typical pathological processes in the dynamics of the main groups of diseases;
- To explain the mechanisms of development and manifestations of diseases, as well as the mechanisms of action of various principles of treatment and prevention;
- Skills in research work, work with primary sources and scientific literature;
- Formation of its own position on the most important problems of modern medicine.

## 7. The structure and content of educational practice

The total complexity of the training practice is 3 credits, 108 hours.

№	Types of works by sections (stages) of practice	Hours	Competence	Forms of current control
		practice		
<b>1</b>	<b><i>Preparatory stage</i></b>			
1.1	The safety instructions. To familiarize students with the activities for the protection of health and safety, the prevention of dental diseases.	2	GPC - 1,2,3,4,5,6,7,8,9,10,11	The magazine safety
1.2	Organization of work of nurses in the reception Department. Reception and registration of patients. Inspection of the skin and hair. Sanitary treatment of patients (full and partial). Transportation of patients to the medical departments of the hospital.	6	GPC - 1,2,3,4,5,6,7,8,9,10,11	Checking diaries
<b>2</b>	<b><i>Production stage</i></b>			
2.1 Practical work	Preparation and rools of application of disinfectants Sanitary cleaning (houses, offices, common areas).	14	GPC - 1,2,3,4,5,6,7,8,9,10,11, PC - 17	Checking diaries
	The care of inpatient patients. Reception and registration of patients. Inspection of the skin and hair.	14	GPC - 1,2,3,4,5,6,7,8,9,10,11, PC - 17	Checking diaries

	Treatment of the patient with the detection of lice. Sanitary treatment of patients (full and partial). Transportation of patients to the medical departments of the hospital. Maintenance of sanitary-epidemiological regime of the reception Department.	14	GPC - 1,2,3,4,5,6,7,8,9,10,11	Checking diaries
	Monitoring of patients (appearance, condition, consciousness, anthropometry, measurement of respiration rate, heart rate, blood pressure, thermometry, measurement of urine output) Implementation of care for patients with various diseases of organs and systems.	14	GPC - 1,2,3,4,5,6,7,8,9,10,11	Checking diaries
	Nursing and sanitary treatment. Nutrition of the patients. Carrying out subcutaneous and intramuscular injections. First aid.	14	GPC - 1,2,3,4,5,6,7,8,9,10,11	Checking diaries
	Sanitary and educational work (lectures, sanitary paper)	2	GPC - 1,2,3,4,5,6,7,8,9,10,11	Checking diaries
<b>3</b>	<b>Individual work</b>			
3.1	Filling in of diary practice.	12		Checking
3.2	Preparation of sanitary paper for dental patients.	4	GPC - 1,2,3,4,5,6,7,8,9,10,11 PC- 17	Checking diaries
3.3	Work with additional literature.	6	GPC - 1,2,3,4,5,6,7,8,9,10,11 PC- 17	Interview, practical skills
3.4	Preparation for pre-exam.	6	GPC - 1,2,3,4,5,6,7,8,9,10,11 ПК - 17	Interview, practical skills, checking diaries
	Total	108		

After the completion of the practice the student should be able to:

- to carry out sanitary and hygienic care of sick children of different age;
- to do subcutaneous and intramuscular injections;

Provide first aid:

- to carry out a ventilator in the way of "mouth-to-mouth", " mouth-to-nose»
- do indirect heart massage.
- conduct interviews (individual, group), lectures with different populations to prevent the occurrence and development of dental diseases;
- \* conduct "health lessons" in organized children's and adult groups;
- \* conduct surveys of the population on oral hygiene, occurrence and prevention of dental diseases;
- \* develop dental education materials.

8. Educational, research and scientific production technologies used in educational practice:

The organization of educational practice to obtain primary professional skills, including primary skills and research activities in modern conditions is based on innovative psychological and pedagogical approaches and technologies aimed at the formation of competence - based approach and improve the efficiency of teaching and quality of training.

Training clinical practices ensures the acquisition and consolidation of the necessary skills, formation of professional competence, readiness for independent and individual work, responsible decision-making within professional competence.

Work with patients forms the students not only readiness for independent and individual work, responsible decision-making within professional competence but also the ability of science to analyze health and social problems, commitment to the logical analysis of various kinds of reasoning, skills of communication, argumentation, conduct of debate and discussion.

Independent work of students includes: keeping a diary of practice, working with literature. This form of work contributes to the development of cognitive activity, creative thinking, instills the skills of independent information search, as well as forms the ability and readiness for self-improvement, self-realization and creative adaptation.

Educational practice forms the ability and readiness to perform professional skills, to argue, to conduct discussions, to social interaction with society, to cooperate with colleagues and work in a team, to tolerance, respect and acceptance of another opinion, as well as to social mobility, which is especially important at the present stage of socio-economic development.

The student during the practice is obliged:

- \* fully implement the tasks set out in the practice programme;
- \* obey the internal regulations of the medical institution;
- \* study and strictly observe the rules of labor protection and safety;
- \* be responsible for the work performed and its results on an equal basis with the staff;
- \* keep a diary, which records all activities during the practice;
- \* to participate in public life of hospital staff;
- \* to report to the head of practice on the implementation of the programme and to pass the practice test in a timely manner.

Each student during practice keeps a diary, which daily reflects all the work done by him, describes in detail the most complex manipulations and procedures in which he took part. The diary must necessarily give an idea of the degree of independence of the student when performing a particular manipulation. In addition, all reporting sections of the diary must be filled in completely, they list the number of self-performed manipulations and procedures.

Curator from the Institute checks the correctness of the diary, constantly monitors students in all sections of the work. At the end of the practice, the diary is certified by the head of the Department, the chief physician or his Deputy for medical work, it is made a description of the student's work.

Report documentation of the student on practical training are: diary, report on the work done, as well as characteristics of the student.

Diary and other reporting forms are filled in in strict accordance with the generally accepted rules of medical documentation. All records are made by accurate, well read, legible handwriting. Fixes invalid and unwarranted abbreviations.

9. Educational and methodological support of independent work of students in educational practice.

For out-of-class independent work of students on the choice of the following alternative forms: • sanbyulleten • preparation of interviews with patients • writing memos for patients.

#### HEALTH AND EDUCATIONAL WORK.

During practical training, each student should give a lecture, or hold 2 conversations on dental or General medical topic or issue a sanitary Bulletin. The work can be carried out individually with the patient or with a group of patients, as well as for Junior and middle medical personnel.

The permit about the lecture (conversation) is certified by the seal and the signature of the head of medical institution.

An indicative list of the sanitary-educational work

1. "Ethics and deontology of the medical staff in a clinic".
2. "The effect of alcohol and nicotine on the body."
3. "Dangers of drugs".
4. "Prevention of infectious diseases".
5. "Hepatitis as a medical and social problem".

#### **10. Forms of interim assessment (based on the results of practice)**

According to the results of clinical practice, a differentiated offset is carried out.

Interim assessment at the end of practice is made in the form of credits that includes:

1. Interview:

- control question
- practical skill

2. Correctness of filling in reporting documents:

- diary of practice;
- a report on the practice;
- characteristics of the student, certified by the signature of the basic head and seal of the medical institution.

Control questions for interview.

1. Methods of sterilization of cutting surgical instruments;
2. Methods of prevention of iatrogenic transmission of hepatitis C.
3. Methods of prevention of iatrogenic transmission of HIV infection.
4. Care in the postoperative period for patients with injuries in the maxillofacial region
5. Honey. nursing care for the wounded in the face
6. Honey. nursing care for newborns with facial anomalies.

List of practical skills:

- conduct monitoring of the patient: to observe appearance and condition, to assess consciousness, carry out the measurement of mass and body length, head circumference and chest to measure body temperature and record it in the temperature sheet, to measure urine output, assess the chair.
- to collect material for laboratory research: collect urine for General analysis, the analysis according to Nechyporenko, collection of feces for bacteriological examination, specimen collection for the study, the collection of the urine sample in General.
- accompany patients to diagnostic and therapeutic procedures.



- take care of patients under the guidance of a nurse:
  - to carry out change of bed and underwear,
  - exercise proper use and storage of patient care items,
- to carry out sanitary and hygienic, service of patients:
  - washing, treatment of the oral cavity, ears and nose, nail clipping, hair care, including treatment for pedicure-skin treatment with cream, ointment, chatter, powder, plaster, washing, hygienic and therapeutic bath,
- feeding of patients of different ages, the writing portion of the claim.
- to provide sanitary and hygienic service to seriously ill patients:
- to carry out feeding of seriously ill people.

Rating system of students' knowledge assessment on discipline  
 «Dentistry (Practice on obtaining primary professional abilities and skills, including primary abilities and skills of research activity)»

The final rating score of students on educational practice is determined by the 100-point scale. It consists of the rating received as a result of the current control of practical work and the certification rating.

Types of practical work, form of control and ranges of rating points on the basis of current control

Type of work	Min	Max
Diary design	21	35
Implementation of practical skills	10	15
Characteristics of student's work	5	10
<b>Total</b>	<b>36</b>	<b>60</b>

Practical diaries that reflects the volume of daily work, certified by the signature of the base of the head of the practice, which is estimated in the following way:

21 points-in the journal the student makes serious mistakes in describing the objective status, interpreting the results of the examination, making a diagnosis and drawing up a treatment plan for the patient.

28 points-a diary without serious comments, all objective data, diagnostic and therapeutic manipulations are described in full, the student is well versed in clinical situations, avoiding significant errors.

35 points-a diary without comments, all objective data, diagnostic and therapeutic manipulations are described in full, the objective picture corresponds to the diagnosis and the treatment plan.

The implementation of practical skills is assessed in the following way:

10 points-in the digital report implementation of the list of skills is quantified in most points by more than 50%;

15 points-in the digital report implementation of the skill list is quantified in most points by more than 80%.

The characteristic is estimated as follows:

5 points-in the characteristic work of the student is recognized as satisfactory, does not contain the basic remarks and violations of labor discipline, observance of the principles of medical ethics and deontology is noted.

8 points-in the characteristic the good assessment of work of the student is reflected, qualitative



performance of manipulations, the conscientious attitude to work is noted.

10 points - the characteristics reflected an excellent assessment of the work, achieving much success in the development of practical skills to care for patients, etc.

**The table of conformity of points to four-point scale of the current control of passing of practice.**

Points	Mark
$52 \leq R \leq 60$	Perfect
$44 \leq R < 52$	good
$36 \leq R < 44$	satisfactory
$0 \leq R < 36$	unsatisfactory

**Types of assessment control with ranges of rating points**

Types of assessment control		Points
1. Interview	min	12
	max	20
2. Practical skills	min	12
	max	20
<b>Total:</b>	min	<b>24</b>
	max	<b>40</b>

Assessment of practical skills is carried out by demonstrating possessions, skills or knowledge on phantom and dummy as follows:

□ 12 points – the student completed the majority (70%) practical skills and committed at the same errors that can fix under the guidance of a teacher, admits in the answer to the theoretical issues of inaccuracies, it has the error in knowledge, do not impede further learning.

16 points-a student who has demonstrated knowledge and skills of basic practical skills, successfully answering theoretical questions.

20 points-the student freely demonstrates the knowledge and ability of practical skills provided by the program, has a comprehensive and in-depth knowledge of the program material, answers fully and without asking questions.

**Evaluation criteria of grading pre-exam of clinical practice.**

Evaluation result	Points
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"excellent" - the answer is complete, competent, logical; fluency in dental terminology; answers to additional questions are clear, concise, accurately performs a demonstration of practical skills, correctly defines concepts and categories, freely oriented in practical material.	<b>20</b>
"good" - the answer is not logical enough with single errors in parts; single errors in dental terminology; answers to additional questions are correct, not clear enough, the description and implementation of practical skills made individual mistakes.	<b>16</b>
"satisfactory" - the answer is not enough competent, incomplete, with errors in detail; errors in dental terminology; answers to additional questions are not clear enough, with errors in particular, not enough complete description and demonstration of practical skills, the presence of errors and some gaps in knowledge.	<b>12</b>

Algorithm for determining of final rating of the student on educational practice.

- 1.The final rating of the student on practice is determined as a result of summation of the rating points gained by the student during educational practice by results of the current control, and the rating points received by the student by results of certification control.
- 2.Received a student evaluation and a final rating for instructional practices exhibited in the gradebook of the student and the examination sheet.

**Conversion scale for student rating for academic practice at the 4 – points rating scale**

Mark	Score interval
«unsatisfactory»	$0 \leq R < 60$
«satisfactory»	$60 \leq R < 73$
«good»	$73 \leq R < 87$
«excellent»	$87 \leq R \leq 100$

**Procedure and terms of getting of additional points.**

- 1.After summing up the results of the current control and rating of the student in practice, this information is brought to the head of practice.
2. Prior to attestation control, the student has the right to get points to the minimum amount of rating points (36 rating points), in which he can be admitted to the dif.credit. Doboru rating points can take place in the form of earnings missed days (hours), renewal diary, as well as additional implementation and demonstration of practical skills. In this way, the student can score up to 10 points. When the job runs amount to 20% the student receives 2 points, from 20 – 30 % – 3 points; 30 – 40 % – 4 points, 40 – 50 % – 5 points; 50 – 60 % – 6 points; 60 – 70 % – 7 points; from 70-80% – 8 points; from 80 – 90% – 9 points; from 90 – 100% - 10 points. Thus, every 10% of the correct actions are estimated at 1 point.
- 3.Additional certification points (up to min 24) is carried out by repeated demonstration of practical skills and repeated testing until a positive result is achieved.

**11. Educational-methodical support of Practice on obtaining primary professional abilities and skills, including primary abilities and skills of research activity.**




№ п/п	Name and brief description of electronic sources of literature and information databases	The number of access points
	<b>Basic literature</b>	
1	General care of Bali's therapeutic profile : proc. POS / V. N. Oslo, O. V. Bowls. - 4th ed.. and extra - M. : Need-Media, 2015. - 464 p.: Il. ISBN 978-5-9704-3393-5. <a href="http://www.studmedlib.ru/book/ISBN9785970433935.html">http://www.studmedlib.ru/book/ISBN9785970433935.html</a>	Not limited
2	Dentistry. Record and maintain medical history [Electronic resource]: manual / Under red. V. V. Afanasiev, O. O. Yanushevich. - 2nd ed.. and extra - M. : Should Media 2013. - <a href="http://www.studmedlib.ru/book/ISBN9785970427088.html">http://www.studmedlib.ru/book/ISBN9785970427088.html</a> .	Not limited
3	Organization and equipment of dental clinics, offices. Sanitary and hygienic requirements. Ergonomic basics of a dentist [Electronic resource] / pod red. E. A. Basin, M. : Should Media 2014. - <a href="http://www.studmedlib.ru/book/ISBN9785970430576.html">http://www.studmedlib.ru/book/ISBN9785970430576.html</a> .	Not limited
	<b>Additional literature</b>	
1	Medico-social examination of disability in the Amber practice [Electronic resource]: proc. manual / A. I. Viktor, A. I., Greece. - M.: Should-Media, 2015. - <a href="http://www.studmedlib.ru/book/ISBN9785970432280.html">http://www.studmedlib.ru/book/ISBN9785970432280.html</a>	Not limited
2	Dictionary of professional dentistry adolescents [Electronic resource] / E. S. Using, E. A. Brain, S. I. and Bars. - M.: Should Media 2014. - <a href="http://www.studmedlib.ru/book/ISBN9785970428238.html">http://www.studmedlib.ru/book/ISBN9785970428238.html</a>	Not limited
3	"The psychology of relationship between doctor and patient [Electronic resource] : proc. POS / L. I. Lorenz, N. Smirnov, B. M. : Need-Media, 2014. - (Series "Psychology for the dentist")."- <a href="http://www.studmedlib.ru/book/ISBN9785970429358.html">http://www.studmedlib.ru/book/ISBN9785970429358.html</a>	Not limited
4	Features of disinfection and sterilization in dentistry [Electronic resource] : proc. manual / E. A. Basin, M. : Should Media 2014. - <a href="http://www.studmedlib.ru/book/ISBN9785970430569.html">http://www.studmedlib.ru/book/ISBN9785970430569.html</a>	Not limited
5	Dentistry tool [Electronic resource]: Atlas / e basin.A.- M.:Need-Media The 2007. <a href="http://www.studmedlib.ru/book/ISBN9785970405918.html">http://www.studmedlib.ru/book/ISBN9785970405918.html</a>	Not limited
	<b>Software and Internet resources</b>	
1	The electronic library of theses. Contract № 095/04-0358 до 02.04.14;	Not limited

2	Scientific electronic library elibrary.ru <a href="http://elibrary.ru/defaultx.asp">http://elibrary.ru/defaultx.asp</a>	Not limited
3	electronic library <a href="http://www.studmedlib.ru">http://www.studmedlib.ru</a>	Not limited
4	licensed software: «Microsoft Windows»; registration number 00037FFEBA CF8FD7, договор № СД-130712001 от 12.07.2013; freely distributed SOFTWARE:OpenOffice;Adobe AcrobatReader	

**12. The logistical support of discipline of Practice on obtaining primary professional abilities and skills, including primary abilities and skills of research activity.**

Name of discipline (module), practices in accordance with the curriculum	The name of the special classrooms and areas for independent work	Equipment of special classrooms and rooms for independent work
Practice on obtaining primary professional abilities and skills, including primary abilities and skills of research activity.	Premises of the clinic in accordance with the agreement on practical training of students with GBUZ "POKB them. H. H. Burdenko " for rendering medical care to the patients connected with medical interventions	The table for medical procedures, means of individual zzhityh: gloves, masks; sterile tweezers, tweezers for work with the used tools, and capacity with solutions of disinfectants: for surface treatment, used for rags for washing used syringes or systems for soaking used syringes or systems for soaking used needles, for the disinfection of used cotton or gauze balls; a bottle of antiseptic treatment of the skin of patients and hands of the personnel; sterile cotton or gauze balls in the package; medicinal forms for injections and infusions; stadiometer, medical scales, blood glucose meter, blood pressure monitor, medical thermometer.

**Information on re-approval of educational program and registration of changes and amendments for the next academic year.**

Academic year.	Sub-department's decision (№ record, signature of sub-departments head)	Changes and amendments	Page numbers		
			changed	added	annulled
2016/2017	Протокол № 9 от 13.06.2017 г.  П.В.Иванов	Изменение титульного листа в связи с приказом Мин. Обр.РФ № 320 от 10.04.2017 г. с «Врач - стоматолог общей практики» на «Врач - стоматолог»	1	1	-
2017/2018	Протокол № 1 от 30.08.2017 г.  П.В.Иванов	Переутверждена на 2017/2018 уч.год.  Без изменений	-	-	-
2018/2019	Протокол № 2 от 2.07.2018  А.А. Золотарева	Переутверждено на 2018/2019 уч. год. Обновлен раздел №7 Учебно-методического и методико-педагогического обеспечения	2	-	-