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Federal State Budget Educational Institution
of Higher Education
Pacific State Medical University
of the Ministry of Health of the Russian Federation

APPROVED BY

Head of the Department of
Epidemiology and Military Epidemiology
_____ / Skurikhina Yu.E./
"16th" of June 2025

SUBJECT GUIDE FOR TEACHERS AND STUDENTS FOR

Б1.О.16 Epidemiology

(name of discipline)

Specialty	**31.05.03 Dentistry for international students (in English)** (code, name)
Degree	Specialist's degree
Profile	02 "Healthcare" (in the field of providing health care in patients with dental pathology)
Mode of study	**Full-time**
Period of mastering the BEP	**5 years** (nominal length of study)
Department	of Epidemiology and Military Epidemiology

Vladivostok, 2025

Subject guide for teachers and students for **Б1.О.16 Epidemiology** is based on:

1) Federal State Educational Standard of Higher Education for the specialty approved by the Order No. 984 of Ministry of Science and Higher Education of the Russian Federation dated August 12, 2020.

2) Curriculum for the 31.05.03 Dentistry for international students (in English), profile 02 "Healthcare" (in the field of providing health care in patients with dental pathology), approved by the Academic Council of FSBEI HE PSMU of the Ministry of Health of Russia Report No. 8/24-25 dated March 31, 2025.

Subject guide for teachers and students for **Б1.О.16 Epidemiology** was developed by the writing team of the Department of Epidemiology and Military Epidemiology of the FSBEI HE PSMU of the Ministry of Health of Russia, under the guidance of the head of the department Candidate of Medical Sciences, Associate professor Skurikhina Yu.E.

Developed by:

Professor	Doctorate of Medical Science, professor	Martynova A.V.
(position held)	(academic degree, academic title)	(full name)

1. GENERAL PROVISIONS

Subject guide for **Б1.О.16 Epidemiology** is a set of recommendations and explanations that facilitate to optimal organization of mastering this discipline.

Regular analysis of lecture materials and work with end-of-the-text questions are necessary for better understanding of the material and systematization of knowledge of **Б1.О.16 Epidemiology**. Particular attention should be paid to emerging questions, confusing terms, and conflicts of points of view during the independent review of the lecture material. If necessary, a student should contact the teacher for advice. Lecture material streamlines students' thinking, while practical classes provide deeper insight into the material of the discipline.

Special attention should be paid to the content of the main provisions and conclusions, explanation of phenomena and facts, and clarification of the practical application of theoretic aspects of topic when preparing for a practical class. During this process students should aim to understand and remember the main provisions of the material under consideration, examples provided, as well as understand the illustrative material.

Collections of assessment tools are used to organize independent study of topics of **Б1.О.16 Epidemiology**.

Independent work of students is facilitated by the following:

1. availability and accessibility of the necessary educational and reference material;
2. a system of regular quality control of completed independent work;
3. availability of teacher's advice.

Subject guides for self-study are presented as literary sources. Subject guides for independent work of students include a list of library resources of the educational institution and other materials accessible to students.

Independent work is a type of in-person extracurricular work of teachers and students of **Б1.О.16 Epidemiology**. Control of independent work is conducted by the leading teacher. Evaluation of independent work results is taken into account when conducting interim examination of students throughout **Б1.О.16 Epidemiology** course.

Continuous assessment during **Б1.О.16 Epidemiology** course is implemented in order to check indicators of achieving competencies, to stimulate students' academic work, and improve methods of mastering new knowledge. Continuous assessment during **Б1.О.16 Epidemiology** course is conducted during the semester to assess all types and sections of the academic discipline that encompass the competencies developed by the discipline: classroom questioning, discussions, working with tests, preparing reports, and other types of independent and classroom work. Continuous assessment of students' knowledge and results of their preparation for practical classes is conducted during every class session.

Interim assessment aims to determine the level of mastery of competency indicators. It is conducted in the pass/fail test format after the student has mastered all sections of **Б1.О.16 Epidemiology** and takes into account learning outcomes for all types of student work over the entire period of mastering **Б1.О.16 Epidemiology** course.

Time allotted for interim assessment is indicated in the schedule.

Assignments given during practical classes, as well as assignments aimed to prepare students for continuous and interim assessment, are included in the collection of assessment tools for **Б1.О.16 Epidemiology**. If necessary, students should contact the teacher for advice. It is necessary to thoroughly think over questions that need clarification before seeking teacher's advice.

2. SUBJECT GUIDES FOR LECTURE CLASSES

Table 1. Subject Guides for **Б1.О.16 Epidemiology** Lectures

Topic No.1 The subject and objectives of epidemiology	
Duration of the lecture (in academic hours):	2
Purpose of the lecture: 1. tell students about the role of the subject “epidemiology” in the formation of general cultural and professional competencies of future dentists; 2. define the role of the doctrine of the epidemic process as a fundamental basis of epidemiology, based on objective laws discovered and formulated by the classics of epidemiology, supplementing and developing them at the level of modern knowledge from the position of professional competencies of dentists; 3. examine methods of analysis of the epidemic process in the development of dental pathology.	
Lecture plan, order of presentation of its sections: - definition of the concept of “epidemic process” - definition of the parasitic system as the biological basis of the epidemic process - three main elements of the epidemic process (source of infection, transmission mechanism and susceptible organism) and their characteristics - the specifics of the development of the epidemic process in various groups of infectious diseases (anthroponoses, zoonoses and sapronoses) - the role of social and natural factors in the development of the epidemic process - prerequisites and harbingers of worsening epidemiological situation - the main theoretical generalizations of epidemiology, developing the doctrine of the epidemic process developed by L.V. Gromashevsky and his theory of the transmission mechanism (the theory of natural foci of E.N. Pavlovsky, the theory of self-regulation of parasitic systems of V.D. Belyakov and the socio-ecological concept of B.L. Cherkassky, the theory of psychrophilicity of pathogenic bacteria of G.P. Somov) - manifestations of the epidemic process (in time, space and among different social and age groups of the population)	
Recommended reading: 1. General Epidemiology with the Fundamentals of Evidence-Based Medicine. Guide to Practical Exercises / edited by V.I. Pokrovsky, N.I. Briko / Moscow: GEOTAR-Media, 2010.--400 p. 2. Epidemiology . Guide to Practical Classes [Electronic resource/ edited by L.P. Zueva// GEOTAR-Media, 2015. - 416 p. URL: http://www.studentlibrary.ru 3. Infectious diseases and epidemiology [Electronic resource]: textbook Pokrovsky V.I., Pak S.G., Briko N.I/3rd ed., revised . and additional - M.: GEOTAR-Media, 2016. - 1008 p. URL: http://www.studentlibrary.ru	
Topic No.2 The epidemiological method as a tool for evidence-based medicine	
Duration of the lecture (in academic hours):	2
Purpose of the lecture: 1. tell students about the epidemic method for the purpose of applying it in the work of practicing doctors; 2. define the epidemiological method, an idea of evidence-based medicine as the basis of epidemiological semiotics and diagnostics;	

3. examine the methods of descriptive and descriptive-evaluative epidemiology in the implementation of the epidemiological method.

Lecture plan, order of presentation of its sections:
- types of DEI: epidemiological observations and studies, screenings and monitoring
- DEI goals and objectives
- directions of descriptive epidemiological research
- planning, organizing and implementing the DEI
- statistical indicators characterizing the epidemic process and morbidity
- techniques of formal logic

Recommended reading:
1. General Epidemiology with the Fundamentals of Evidence-Based Medicine. Guide to Practical Exercises / edited by V.I. Pokrovsky, N.I. Briko / Moscow: GEOTAR-Media, 2010.--400 p.
2. Epidemiology . Guide to Practical Classes [Electronic resource/ edited by L.P. Zueva// GEOTAR-Media, 2015. - 416 p. URL: http://www.studentlibrary.ru
3. Infectious diseases and epidemiology [Electronic resource]: textbook Pokrovsky V.I., Pak S.G., Briko N.I/3rd ed., revised . and additional - M.: GEOTAR-Media, 2016. - 1008 p. URL: http://www.studentlibrary.ru

Topic No.3 Epidemiological studies. Types and classification

Duration of the lecture (in academic hours):	2

Purpose of the lecture:
1. tell students about the content, goals, objectives, methods of organizing and implementing descriptive epidemiological studies based on the epidemiological method;
2. define the epidemic method in the context of evidence-based medicine;
3. examine methods for characterizing morbidity and formulating hypotheses about risk factors.

Lecture plan, order of presentation of its sections:
- morbidity as a subject of study in general epidemiology
- peculiarities of dental diseases and the epidemic process in dentistry
- risk factors contributing to the development of infectious and non-infectious diseases in dentistry

Recommended reading:
1. General Epidemiology with the Fundamentals of Evidence-Based Medicine. Guide to Practical Exercises / edited by V.I. Pokrovsky, N.I. Briko / Moscow: GEOTAR-Media, 2010.--400 p.
2. Epidemiology . Guide to Practical Classes [Electronic resource/ edited by L.P. Zueva// GEOTAR-Media, 2015. - 416 p. URL: http://www.studentlibrary.ru
3. Infectious diseases and epidemiology [Electronic resource]: textbook Pokrovsky V.I., Pak S.G., Briko N.I/3rd ed., revised . and additional - M.: GEOTAR-Media, 2016. - 1008 p. URL: http://www.studentlibrary.ru

Topic No.4 Fundamentals of clinical epidemiology

Duration of the lecture (in academic hours):	2

Purpose of the lecture:
1. tell students about the importance of clinical epidemiology in analytical research;
2. define the anti-epidemic and preventive components of clinical epidemiology;
3. examine the methods of clinical epidemiology in clinical epidemiological studies.

Lecture plan, order of presentation of its sections:
- goals, objectives, and features of analytical epidemiological studies
- types of analytical epidemiological studies
- planning, organizing, implementing, and evaluating the results of case-control studies
- the content of environmental studies of the "factor-morbidity" type, correlational and other
- cohort studies: organization, implementation, evaluation of results
- -concepts: relative risk, absolute risk, attributable risk. Methods of determination and calculation

Recommended reading:
1. General Epidemiology with the Fundamentals of Evidence-Based Medicine. Guide to Practical Exercises / edited by V.I. Pokrovsky, N.I. Briko / Moscow: GEOTAR-Media, 2010.--400 p.
2. Epidemiology . Guide to Practical Classes [Electronic resource/ edited by L.P. Zueva// GEOTAR-Media, 2015. - 416 p. URL: http://www.studentlibrary.ru
3. Infectious diseases and epidemiology [Electronic resource]: textbook Pokrovsky V.I., Pak S.G., Briko N.I/3rd ed., revised . and additional - M.: GEOTAR-Media, 2016. - 1008 p. URL: http://www.studentlibrary.ru

Topic No.5 Modern methods of meta-analysis in dentistry. Systematic reviews

Duration of the lecture (in academic hours):	2

Purpose of the lecture:
1. tell students about the content, goals, objectives, methods of organizing and implementing descriptive epidemiological studies based on the epidemiological method;
2. define meta-analysis and systematic reviews in clinical epidemiology;
3. examine the methods of implementation meta-analysis and systematic reviews in dental research.

Lecture plan, order of presentation of its sections:
- goals, objectives, and features of analytical epidemiological studies
- types of analytical epidemiological studies
- planning, organizing, implementing, and evaluating the results of case-control studies
- content of environmental studies of the "factor-morbidity" type, correlational and other
- cohort studies: organization, implementation, evaluation of results
- concepts: relative risk, absolute risk, attributable risk; methods of determination and calculation

Recommended reading:
1. General Epidemiology with the Fundamentals of Evidence-Based Medicine. Guide to Practical Exercises / edited by V.I. Pokrovsky, N.I. Briko / Moscow: GEOTAR-Media, 2010.--400 p.
2. Epidemiology . Guide to Practical Classes [Electronic resource/ edited by L.P. Zueva// GEOTAR-Media, 2015. - 416 p. URL: http://www.studentlibrary.ru
3. Infectious diseases and epidemiology [Electronic resource]: textbook Pokrovsky V.I., Pak S.G., Briko N.I/3rd ed., revised . and additional - M.: GEOTAR-Media, 2016. - 1008 p. URL: http://www.studentlibrary.ru

Topic No.6 Clinical epidemiology of non-communicable diseases in dentistry

Duration of the lecture (in academic hours):	2

Purpose of the lecture:
1. tell students about methods of analyzing information taking into account the principles of evidence-based medicine;
2. define the main types and methods of presenting professional information;
3. examine methods of analyzing professional information taking into account the principles of occupational medicine.

Lecture plan, order of presentation of its sections:
- main problems in various branches of dentistry that require screening studies
- basic methods of instrumental dental examination
- main types and methods of presenting professional information
- criteria for compiling systematic reviews and conducting meta-analysis
- main screening methods used in dental examinations
- structure of the study design, features of different types of epidemiological study designs

Recommended reading:
1. General Epidemiology with the Fundamentals of Evidence-Based Medicine. Guide to Practical Exercises / edited by V.I. Pokrovsky, N.I. Briko / Moscow: GEOTAR-Media, 2010.--400 p.
2. Epidemiology . Guide to Practical Classes [Electronic resource/ edited by L.P. Zueva// GEOTAR-Media, 2015. - 416 p. URL: http://www.studentlibrary.ru
3. Infectious diseases and epidemiology [Electronic resource]: textbook Pokrovsky V.I., Pak S.G., Briko N.I/3rd ed., revised . and additional - M.: GEOTAR-Media, 2016. - 1008 p. URL: http://www.studentlibrary.ru

Topic No.7 Epidemiological aspects of dental care in emergency situations

Duration of the lecture (in academic hours):	2

Purpose of the lecture:
1. tell students about the specifics of organizing anti-epidemic measures in the activities of a dentist in wartime, when working in extreme conditions emergency situations, and also to learn the structure and functions of sanitary- epidemiological institutions and medical institutions of the RF Armed Forces as intended during wartime;
2. define the system of medical evacuation measures;
3. examine the methods and principles of organizing anti-epidemic measures in the provision of emergency medical dental care in military operations and extreme situations.

Lecture plan, order of presentation of its sections:
- the need the use of anti-epidemic barriers in the structure of medical evacuation measures (MEM)
- anti-epidemic measures for all stages of LEM
- anti-epidemic measures in relation to all links of the epidemic process
- sanitary and epidemiological reconnaissance and plan anti-epidemic measures for different sanitary and epidemiological conditions of troops and areas of their deployment
- instructional and methodological documents regulating anti-epidemic measures, antibacterial protection, carry out measures to prevent the introduction of infectious diseases into the troops, in the event of an infection
- organization of work under observation and quarantine conditions

Recommended reading:

4. General Epidemiology with the Fundamentals of Evidence-Based Medicine. Guide to Practical Exercises / edited by V.I. Pokrovsky, N.I. Briko / Moscow: GEOTAR-Media, 2010.--400 p.
5. Epidemiology . Guide to Practical Classes [Electronic resource/ edited by L.P. Zueva// GEOTAR-Media, 2015. - 416 p. URL: http://www.studentlibrary.ru
6. Infectious diseases and epidemiology [Electronic resource]: textbook Pokrovsky V.I., Pak S.G., Briko N.I/3rd ed., revised . and additional - M.: GEOTAR-Media, 2016. - 1008 p. URL: http://www.studentlibrary.ru

3. SUBJECT GUIDES FOR PRACTICAL CLASSES

Table 2. Subject Guides for Practical **Б1.О.16 Epidemiology** Classes

Topic No.1 The subject and objectives of epidemiology. General epidemiology. Epidemiological process, structure, and mechanisms of infection transmission	
Duration of the practical class (in academic hours):	6
Purpose of the practical class: 1. consolidate acquired knowledge of epidemiology based on objective laws discovered and formulated by the classics of epidemiology, supplementing and developing them at the level of modern knowledge from the standpoint of the professional competencies of dentists; 2. during the discussion, outline the main features of dental diseases and the epidemic process in dentistry; 3. thoroughly go over definitions and concepts of the nosocomial area of the main infectious diseases, the definition of the concept of “epidemic process”; 4. study patterns of the “epidemic process”; 5. develop an understanding of the epidemic process, the specifics of the development of the epidemic process in various groups of infectious diseases (anthroponoses, zoonoses and sapronoses).	
Practical classes requirements: classrooms equipped with multimedia equipment, blackboards, laboratory equipment, and subject guides for the discipline.	
Independent work of the student: draw up a diagram of the structure of the epidemiological process, outline the structure of the epidemiological surveillance system. Preparing a report on the topic of the corresponding lecture. Working with study materials.	
Methods of evaluation of acquired knowledge and skills: discussion of reports, tests, classroom questioning.	
Recommended reading: 1. General Epidemiology with the Fundamentals of Evidence-Based Medicine. Guide to Practical Exercises / edited by V.I. Pokrovsky, N.I. Briko / Moscow: GEOTAR-Media, 2010.--400 p. 2. Epidemiology . Guide to Practical Classes [Electronic resource/ edited by L.P. Zueva// GEOTAR-Media, 2015. - 416 p. URL: http://www.studentlibrary.ru 3. Infectious diseases and epidemiology [Electronic resource]: textbook Pokrovsky V.I., Pak S.G., Briko N.I/3rd ed., revised . and additional - M.: GEOTAR-Media, 2016. - 1008 p. URL: http://www.studentlibrary.ru	
Topic No.2 Epidemiological method as a tool for evidence-based medicine. Epidemiological studies. Descriptive studies	
Duration of the practical class (in academic hours):	6

Purpose of the practical class:
1. consolidate acquired knowledge of the epidemiological method as a tool of evidence-based medicine; epidemiological research;
2. during the discussion, outline the main features of dental morbidity and the epidemic process in dentistry, and the risk factors that contribute to the development of infectious and non-infectious diseases in dentistry;
3. thoroughly go over definitions and concepts of the epidemic method as a tool of evidence-based medicine;
4. study patterns of the epidemic process in epidemiological studies;
5. formulate the basic principles of epidemiological research.

Practical classes requirements: classrooms equipped with multimedia equipment, blackboards, laboratory equipment, and subject guides for the discipline.

Independent work of the student:
Preparing a report on the topic of the corresponding lecture. Working with study materials.

Methods of evaluation of acquired knowledge and skills: discussion of reports, tests, classroom questioning.

Recommended reading:

1. General Epidemiology with the Fundamentals of Evidence-Based Medicine. Guide to Practical Exercises / edited by V.I. Pokrovsky, N.I. Briko / Moscow: GEOTAR-Media, 2010.--400 p.
2. Epidemiology . Guide to Practical Classes [Electronic resource/ edited by L.P. Zueva// GEOTAR-Media, 2015. - 416 p. URL: http://www.studentlibrary.ru
3. Infectious diseases and epidemiology [Electronic resource]: textbook Pokrovsky V.I., Pak S.G., Briko N.I/3rd ed., revised . and additional - M.: GEOTAR-Media, 2016. - 1008 p. URL: http://www.studentlibrary.ru

Topic No.3 Analytical studies in clinical epidemiology. Identification and assessment of risk factors for the emergence and spread of dental pathology

Duration of the practical class (in academic hours):	6

Purpose of the practical class:
1. consolidate acquired knowledge of the goals, objectives, methods of organizing and implementing descriptive epidemiological studies based on the epidemiological method;
2. during the discussion, outline the main types of analytical epidemiological studies, planning, organization, implementation and evaluation of the results of case-control studies, the content of environmental studies of the factor-incidence type, correlation and others, cohort studies: organization, implementation, evaluation of results;
3. thoroughly go over definitions and concepts of relative risk, absolute risk, attributable risk. Methods of definition and calculation;
4. study patterns of environmental studies of the “factor-morbidity” type, correlational and others;
5. develop a plan for assessing the implementation of the main types of analytical epidemiological studies.

Practical classes requirements: classrooms equipped with multimedia equipment, blackboards, laboratory equipment, and subject guides for the discipline.

Independent work of the student: writing a research paper.
Preparing a report on the topic of the corresponding lecture. Working with study materials. Preparing an essay and slides presentation

Methods of evaluation of acquired knowledge and skills: discussion of reports, tests, classroom questioning.

Recommended reading:

1. General Epidemiology with the Fundamentals of Evidence-Based Medicine. Guide to Practical Exercises / edited by V.I. Pokrovsky, N.I. Briko / Moscow: GEOTAR-Media, 2010.--400 p.
2. Epidemiology . Guide to Practical Classes [Electronic resource/ edited by L.P. Zueva// GEOTAR-Media, 2015. - 416 p. URL: http://www.studentlibrary.ru
3. Infectious diseases and epidemiology [Electronic resource]: textbook Pokrovsky V.I., Pak S.G., Briko N.I/3rd ed., revised . and additional - M.: GEOTAR-Media, 2016. - 1008 p. URL: http://www.studentlibrary.ru

Topic No.4 Methods of data analysis based on the principles of evidence-based medicine. Working with systematic reviews. Meta-analysis in dentistry

Duration of the practical class (in academic hours):	6

Purpose of the practical class:
1. consolidate acquired knowledge of the basic methods of information analysis taking into account evidence-based medicine;
2. during the discussion, outline the main problems of various branches of dentistry that require screening studies;
3. thoroughly go over definitions and concepts of the main methods and types of design of epidemiological studies;
4. study patterns of research design, features of various types of epidemiological research designs;
5. develop the skill of compiling reviews based on various types of meta-analysis (cumulative and sequential, prospective).

Practical classes requirements: classrooms equipped with multimedia equipment, blackboards, laboratory equipment, and subject guides for the discipline.

Independent work of the student: writing a research paper.
Preparing a report on the topic of the corresponding lecture. Working with study materials. Preparing an essay and report.

Methods of evaluation of acquired knowledge and skills: discussion of reports, tests, classroom questioning.

Recommended reading:

1. General Epidemiology with the Fundamentals of Evidence-Based Medicine. Guide to Practical Exercises / edited by V.I. Pokrovsky, N.I. Briko / Moscow: GEOTAR-Media, 2010.--400 p.
2. Epidemiology . Guide to Practical Classes [Electronic resource/ edited by L.P. Zueva// GEOTAR-Media, 2015. - 416 p. URL: http://www.studentlibrary.ru
3. Infectious diseases and epidemiology [Electronic resource]: textbook Pokrovsky V.I., Pak S.G., Briko N.I/3rd ed., revised . and additional - M.: GEOTAR-Media, 2016. - 1008 p. URL: http://www.studentlibrary.ru

Topic No.5 Methods of epidemiological studies of non-infectious pathologies of oncological and allergic etiology

Duration of the practical class (in academic hours):	4

Purpose of the practical class:

1. consolidate acquired knowledge of the criteria for assessing the reliability of results research of non-infectious dental pathology (oncological and allergic etiology);
2. during the discussion, outline the main types of clinical epidemiological studies of non-infectious dental pathology;
3. thoroughly go over definitions and concepts of clinical epidemiological studies in epidemiological studies of oncological and allergic pathology;
4. study patterns of environmental studies of the "factor-morbidity" type, correlation and others, determining the incidence of dental oncological and allergic pathology;
5. develop an idea of the criteria for assessing the probability of results and outcomes
treatment and diagnostics in dentistry.

Practical classes requirements: classrooms equipped with multimedia equipment, blackboards, laboratory equipment, and subject guides for the discipline.

Independent work of the student: writing a research paper.
Preparing a report on the topic of the corresponding lecture. Working with study materials.

Methods of evaluation of acquired knowledge and skills: discussion of reports, tests, classroom questioning.

Recommended reading:

1. General Epidemiology with the Fundamentals of Evidence-Based Medicine. Guide to Practical Exercises / edited by V.I. Pokrovsky, N.I. Briko / Moscow: GEOTAR-Media, 2010.--400 p.
2. Epidemiology . Guide to Practical Classes [Electronic resource/ edited by L.P. Zueva// GEOTAR-Media, 2015. - 416 p. URL: http://www.studentlibrary.ru
3. Infectious diseases and epidemiology [Electronic resource]: textbook Pokrovsky V.I., Pak S.G., Briko N.I/3rd ed., revised . and additional - M.: GEOTAR-Media, 2016. - 1008 p. URL: http://www.studentlibrary.ru

Topic No.6 Epidemiological aspects of dental care in wartime and emergency situations. Epidemiological safety. Infections associated with medical care in dentistry

Duration of the practical class (in academic hours):	2

Purpose of the practical class:
1. consolidate acquired knowledge of the system of medical evacuation measures and the activities of a dentist at all stages of medical evacuation;
2. during the discussion, outline the basic principles of organizing anti-epidemic measures when providing dental care at all stages of medical evacuation;
3. thoroughly go over definitions and concepts of the use of anti-epidemic barriers in the structure of medical evacuation measures (MEM);
4. study patterns of sanitary and epidemiological reconnaissance and planning of anti-epidemic measures under different sanitary and epidemiological conditions of troops and areas of their deployment;
5. develop anti-epidemic measures in relation to all links of the epidemic process.

Practical classes requirements: classrooms equipped with multimedia equipment, blackboards, laboratory equipment, and subject guides for the discipline.

Independent work of the student: writing a research paper.
Preparing a report on the topic of the corresponding lecture. Working with study materials.

Methods of evaluation of acquired knowledge and skills: discussion of reports, tests, classroom questioning.

Recommended reading:

1. General Epidemiology with the Fundamentals of Evidence-Based Medicine. Guide to Practical Exercises / edited by V.I. Pokrovsky, N.I. Briko / Moscow: GEOTAR-Media, 2010.--400 p.
2. Epidemiology . Guide to Practical Classes [Electronic resource/ edited by L.P. Zueva// GEOTAR-Media, 2015. - 416 p. URL: http://www.studentlibrary.ru
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4. GUIDELINES FOR CONTINOUS AND INTERIM ASSESSMENT

Table 3. Guidelines for Conducting Continuous and Interim Assessment during the **Б1.О.16 Epidemiology** Course

Type of assessment	Assessment format
Continuous assessment	- conducting and evaluating oral or written quizzes during lectures and practical classes; - assessment and evaluation of completion and results of assignments given during practical classes; - assess and evaluate completion and results of individual assignments and exam tasks given during practical classes; - assessment and evaluation of reports, slide presentations, essays, and papers quality.
Interim assessment	is conducted in written test and oral interview format; it allows to assess the development of students' competencies correlating with types of professional activity.

5 ASPECTS OF THE IMPLEMENTATION OF THE COURSE FOR STUDENTS WITH DISABILITIES AND SPECIAL NEEDS

5.1. Availability of accessible environment

For students with disabilities and special needs, if a written application is submitted, lectures and practical classes are carried out taking into account health limitations, individual capabilities and medical status (hereinafter referred to as individual characteristics) of the student. Compliance with the following general requirements is ensured: teaching aids for collective and individual use are provided, required technical assistance is provided by an assistant, buildings and premises where lectures and practical classes are taking place meet accessibility requirements, other arrangements lack of which makes it impossible or difficult to master the discipline are made.

5.2. Compliance with general requirements

When lectures and practical classes are carried out at the written application of the student, the following general requirements are met: lectures and practical classes for students with disabilities and special needs take place at the same location as for students who do not have disabilities, if this does not cause difficulties for students; an assistant (assistants), who provide(s) students with the necessary technical assistance taking into account individual characteristics of the student, is (are) provided; necessary teaching aids are provided, taking into account individual characteristics of the student.

5.3. Availability of the internal policies and procedures of FSBEI HE PSMU of the Ministry of Health of Russia to students with disabilities in a form accessible to them.

All internal policies and procedures of FSBEI HE PSMU of the Ministry of Health of Russia concerning the discipline (module) are made available to students with disabilities in a form accessible to them.

5.4. Increase in the duration of interim assessment of students with disabilities and special needs in relation to the established duration

Format of the interim assessment of academic performance within the scope of the discipline for students with disabilities and special needs is selected taking into account individual characteristics (orally, by writing on paper, by typing on a computer, as a test, etc.). The duration of the interim assessment in relation to the established duration is increased at the written application of the student with disabilities. Time limit for the student's preparation for the test is increased by at least 0.5 hours

6. STAFFING REQUIREMENTS OF THE DISCIPLINE

Academic teaching personnel that ensure the implementation of the discipline education process meet the requirements of the Federal State Educational Standard of Higher Education for the 31.05.03 Dentistry for international students (in English) specialty; list of the aforementioned personnel is available on the website of the educational organization.

