

MINISTRY OF HEALTH OF THE REPUBLIC OF BELARUS
EDUCATIONAL INSTITUTION
BELARUSIAN STATE MEDICAL UNIVERSITY

Контрольный
экземпляр

APPROVED BY

First Vice-rector, Professor

S.V. Gubkin

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Reg. № 48 МГН 002/1718/edu

DENTAL PUBLIC HEALTH
Teaching Curriculum of the Higher Educational Institution
in the Educational Discipline for the Specialty:
1-79 01 07 «Dentistry»

Curriculum is based on the standard educational program registration approved on 24. 06 2017 (registration # TRDh.602/mun)

COMPILERS:

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RECOMMENDED FOR APPROVAL:

by the meeting of the 1st Department of Dental Therapy of the Belarusian State Medical University (April, 13, 2017, registration #15);

by the Scientific-methodological Council of dental disciplines of the Educational Institution "Belarusian State Medical University" (April, 27, 2017, registration # 8).

EXPLANATORY NOTE

“Dental Public Health” is an educational discipline containing systematized scientific knowledge and techniques in the field of community dentistry, studying epidemiology, prevention and control of dental diseases, promotion of dental health through organized community efforts, organization of dental health systems and assessment of their effectiveness.

The curriculum of the Dental Public Health discipline includes the latest scientific data on epidemiology of dental diseases, biostatistics, social sciences, principles of administration, preventive dentistry.

The aim of teaching and learning the Dental Public Health discipline is to provide students with scientific knowledge of community dentistry and to learn how to apply in practice the methods of science-based medical care planning.

The tasks of studying the discipline are to develop the students’ academic competence based on the ability to self-search educational and information resources, as well as to acquire and understand:

- the methods of epidemiological research in dentistry and basic principles of clinical oral health surveys;
- the trends of dental diseases in the Republic of Belarus and in the world, as well as caries prediction methods;
- the situation analysis in dentistry, its components and stages;
- the basic principles of community prevention programs planning in dentistry and the definition of measurable tasks for primary prevention;
- the assessment criteria for effectiveness of community-oriented prevention programs;
- the main components of long-term planning of dental care at the community level, monitoring and evaluation of the dental care quality;
- oral health philosophy based on following daily oral hygiene;
- the basic principles of dental diseases prevention.

Teaching and successful learning of the discipline Dental Public Health is carried out on the basis of the knowledge and skills previously acquired by the students in the following disciplines:

Therapeutic Dentistry. Deontology in therapeutic dentistry. Diagnostic methods in therapeutic dentistry. Individual prevention of dental caries and periodontal diseases in adults. Methods of dental caries prediction.

General Hygiene. Models of the major non-communicable diseases. Concept of risk factors as a basis of modern ideas on disease prevention. Hygienic characteristics of the main sources of natural water. Nutrition and health. Methods of assessing nutrition status.

Pediatric Dentistry and Prevention of Dental Diseases. Methods of oral

hygienic condition assessment. Methods of systemic and local prevention of dental caries and periodontal disease. Means, tools and methods of oral hygiene.

Public Health and Health Care. Basics of health organization, the law of the Republic of Belarus “On health care” (June 20, 2008 № 363-W), the organization of health care institutions, staff standards. Health of the population. Prevention and health promotion. Methods of medical statistics in dentistry.

Studying “Dental Public Health” discipline is to provide formation of the academic, social, personal, and professional competence of students.

As a result of studying the discipline Dental Public Health the student should

know:

- current research trends in dentistry in Belarus and abroad; methods of epidemiological studies in dentistry;
- trends of dental diseases in Belarus and in the world;
- global oral health goals of the World Health Organization (WHO);
- caries prediction methods;
- situation analysis in dentistry, its components and stages;
- factors of a healthy lifestyle in dental diseases community prevention programs;
- criteria for effectiveness of community prevention programs;
- monitoring and evaluation of the dental care quality.

be able to:

- develop a plan and conduct clinical oral health surveys;
- to predict the incidence of dental caries at the individual, group, community level;
- develop and use science-based materials to promote healthy lifestyle;
- develop community caries prevention programs for different age groups on the basis of the given data;
- to assess dental care quality at the individual and community level using national and international criteria.

master:

- skills in developing a community prevention program for different age groups based on the proposed data;
- methods for assessing the quality of dental care at the individual and community level using national and international criteria.

The structure of the curriculum in the Dental Public Health educational discipline is represented by six sections.

The total number of hours for studying the discipline is 212 academic hours. Distribution of the classroom hours: 10 hours of lectures, 126 hours of practical

classes; 76 hours of independent work of students.

Current assessment is carried out according to the syllabus of the specialty in the form of a credit (9th, 10th semester).

Form of education is full-time.

**ALLOCATION OF ACADEMIC TIME
ACCORDING TO THE SEMESTERS OF STUDY**

Code, name of the specialty	Semester	Number of academic hours					Form of current assessment
		Total	In-class	including			
				Lectures	Laboratory studies and (practical classes and seminars)		
1-79 01 07 "Dentistry"	9	104	66	10	56	34	Graded credit
	10	108	70	-	70	42	Credit
Total		212	136	10	126	76	

THEMATIC PLAN

Section (topic) name	Number of class hours	
	lectures	practical classes
1. Epidemiology	5	28
1.1. Methods of oral health survey	2	-
1.2. The study of methods of oral health survey, the main stages of pathfinder surveys	-	7
1.3. Development of individual plans for oral health survey	-	7
1.4. The trends of dental diseases in Belarus and in the world	2	7
1.5. Methods of caries prognosis	1	7
2. Situation analysis in dentistry	1	14
2.1. Situation analysis in dentistry	1	-
2.2. The study of the components and the main stages of the situation analysis	-	7
2.3. Carrying out situation analysis on the basis of the given data	-	7
3. The basic principles of community prevention programs planning in dentistry	1	49
3.1. Planning dental diseases community prevention	1	-
3.2. The role of fluoride and nutrition in community prevention programs	-	7
3.3. Using fluoride in community-oriented prevention programs, learning fluoride prevention strategies	-	7
3.4. Analysis of a food diary and the development of recommendations for diet correction to prevent dental caries	-	7
3.5. Stages of planning dental diseases community prevention programs	-	7
3.6. Planning the dental diseases community prevention program basing on the situation analyses data	-	7
3.7. Community caries and periodontal diseases prevention programs in the Republic of Belarus	-	7
3.8. Estimation of the periodontal diseases prevention programs efficiency	-	7
4. Healthy lifestyle and dental diseases community prevention programs	-	7
5. Planning dental care at the community level	2	14
5.1. The main components of the long-term planning of dental care at the community level. Planning staff and dental care for the population	1	7
5.2. Indicators of dental care provision. Dental service model (WHO)	1	7
6. Dental Care Systems	1	14
6.1. Dental Care Systems	1	7
6.2. Assessment of dental care level in different dental care systems	-	7
TOTAL	10	126

CONTENT OF THE EDUCATIONAL MATERIAL

1. EPIDEMIOLOGY

1.1. Methods of oral health survey

Epidemiology in the dentistry. Definition, the main methods of oral health survey.

1.2. The study of methods of oral health survey, the main stages of pathfinder surveys

Mass, randomized, pathfinder methods of oral health survey, their advantages and disadvantages. The main stages of pathfinder methods of oral health survey (WHO). Setting goals and objectives of the study. Sample population for the examinations (age groups, sample design, sample size, sampling method).

1.3. Development of individual plans for oral health survey

Elaboration of individual plan of epidemiological survey. Determination of the epidemiological team to conduct a study. Organization of the examinations. Collection and analysis of epidemiological data.

1.4. The trends of dental diseases in Belarus and in the world

WHO information system in dentistry. Global goals of oral health (WHO). Oral health criteria recommended by the WHO. Achievement of the Oral health WHO Global goals in various countries around the world.

1.5. Methods of caries prognosis

The study of dental caries prediction methods. The use of “Cariogram” program in predicting dental caries. Methods for detecting caries risk. The Significant Caries Index. “Clinical caries prediction” method. Advantages and disadvantages of the caries prediction methods. Prediction of dental caries based on determining the cariogenic microorganisms and the saliva buffer capacity. The use of “Cariogram” program in predicting dental caries: interpretation of “diet”, “the frequency of the power”, “dental plaque”, “fluoridation”, “intensity of caries”, “common diseases” and “clinical evaluation” factors. The definitions of the risk level with the help of the program “Cariogram”.

2. SITUATION ANALYSIS IN DENTISTRY

2.1. The situation analysis in dentistry

The definition of “situation analysis”. Components of the situation analysis. Stages of the situation analysis.

2.2. The study of the components and the main stages of the situation analysis

Data on the dental status of the population. Demographic data. Data on dental care. Evaluation level of dental care. Interpretation of situational analysis. Results of the situation analysis and general conclusion.

2.3. Carrying out situation analysis on the basis of the given data

Analysis of demographic data, epidemiological data and information on dental care. Determination of disease prevalence and trends, identifying risk factors. Results and conclusions.

3. THE BASIC PRINCIPLES OF COMMUNITY PREVENTION PROGRAMS PLANNING IN DENTISTRY

3.1. Planning dental diseases community prevention

Spiral prevention program development. Definition of measurable objectives for primary prevention. Methods of correction of errors in the planning of municipal prevention. Methods of communal prevention of dental caries and periodontal diseases, recommended by the WHO.

3.2. The role of fluoride and nutrition in community prevention programs

Significance of fluoride in the prevention of dental caries. Mechanisms of fluoride action. Preventive methods using fluoridation. Systemic fluoridation: drinking water, salt, milk, tablets / drops. Local (topical) fluoridation: toothpastes, gels, lacquers, solutions.

Systemic and local effect of food on the oral cavity organs. The role of nutrition as a risk factor for dental caries. Cariogenicity of food, methods of its determination. Sweeteners and sweetening agents, types, properties, and effects on the oral cavity organs. The impact of the chewing gum on oral health. Dentists' recommendations on the use of the chewing gum.

3.3. Using fluoride in community-oriented prevention programs, learning fluoride prevention strategies

Practice of using fluoride at the municipal level, use of fluoride concentration, efficiency and cost methods, advantages and disadvantages, fluoroprophylaxis strategy recommended by the WHO.

3.4. Analysis of a food diary and the development of recommendations for diet correction to prevent dental caries

Analysis of a food diary. Tactics of the dentist in diet modification to prevent dental caries.

3.5. Stages of planning dental diseases community prevention programs

Stages of planning dental diseases community prevention programs. Setting of aims and goals basing on situational analyses data.

3.6. Planning of dental diseases community prevention program basing on situation analyses data

Stages of planning municipal prevention. Setting goals and measurable targets municipal prevention programs basing on the findings of the situation analysis. Selection of prevention methods. Determination of the contingent members. Determination of personnel to carry out the program. Development and implementation of the program. Calculation of the program cost.

3.7. Community caries and periodontal diseases prevention programs in the Republic of Belarus.

Practice of using municipal programs for prevention of dental caries and periodontal disease in the Republic of Belarus. Results of the National Programme for the prevention of dental caries and periodontal diseases among the population of the Republic of Belarus.

3.8. Estimation of the periodontal diseases prevention programs efficiency

Criteria recommended by the WHO for assessment of efficiency of dental diseases community prevention programs. Efficiency of the dental diseases community prevention programs: medical and economic. Assessment of medical efficiency of the dental diseases community prevention programs. Assessment of economic efficiency and economic benefit of dental diseases community prevention programs.

4. HEALTHY LIFESTYLE AND DENTAL DISEASES COMMUNITY PREVENTION PROGRAMS

The definition of “lifestyle”, “healthy lifestyle”, “quality of life”. Factors of a healthy lifestyle. Types of programs to prevent dental and non-communicable diseases. Integrated program for the prevention of non-communicable diseases (CINDI).

Dental education (tasks, forms and means). Ensuring public health (tasks, forms and means). The main stages of the process of acquiring healthy habits. Organizational forms of dental education and health provision.

5. PLANNING DENTAL CARE AT THE COMMUNITY LEVEL

5.1. The main components of the long-term planning of dental care at the community level. Planning staff and dental care for the population

The main components of long-term planning of dental care: primary prevention, systematic assistance to children, dental care for adult population on applying, planning and training. Financial support for the system components, the information system. Planning systematic dental care for children. Types of programs of systematic dental care for students. Dental care for adult population on applying.

5.2. Indicators of dental care provision. Dental service model (WHO)

Planning the stages of dental care for adults and children. Material and financial support for dental care. Training. Stages of personnel planning. Standards of provision with personnel in the Republic of Belarus. Standards of provision with dental staff basing on the model recommended by the WHO. Definition of “accessibility”, “affordability”, “use”. The WHO model dental examination. Monitoring the cost and quality of dental care.

6. DENTAL CARE SYSTEMS

6.1. Dental Care Systems

The definition of a “dental care system”. Classification of dental care systems. The history of the development of dental care systems. Advantages and disadvantages of the various systems of dental care for the population (public, insurance, private, mixed system).

6.2. Assessment of dental care level in different dental care systems

Monitoring the dental care system. Quantitative and qualitative criteria for the quality of dental care. The criteria for quality dental care at the individual and community levels recommended by the WHO, their characteristics.

Organization chart of practical implementation of dental care system: Structure-Actions-Result of the process. The structure of dental care. Factor expectations of the population according to the WHO recommendations. Evaluation of the quality and level of dental care in the private and public systems. Development of an alternative structure of the organization system of dental care for the population.

EDUCATIONAL DISCIPLINE CURRICULAR CHART

Number of the topic	Section (topic) name	Number of classroom hours		Student' independent work	Equipment	Form of control
		lectures	laboratory studies (practical classes and seminars)			
9 semester						
1.	Epidemiology	5	28	16		
1.1.	Methods of oral health survey	2	-			1.1; 2.1
1.2.	The study of methods of oral health survey, the main stages of pathfinder surveys.	-	7	4	5.1; 5.2; 5.5; 5.6; 5.7; 5.12	1.1; 2.1; 2.7; 4.1
1.3.	Development of individual plans for oral health survey	-	7	4	5.1; 5.2; 5.5; 5.6; 5.7; 5.12	1.1; 1.2; 2.1; 2.4
1.4.	The trends of dental diseases in Belarus and in the world	2	7	4	5.1; 5.2; 5.5; 5.6; 5.7	1.1; 1.3; 1.4; 2.1; 2.5
1.5.	Methods of caries prognosis	1	7	4	5.3; 5.4; 5.12	1.1; 2.1; 2.3; 2.6
2.	Situation analysis in dentistry	1	14	10		
2.1.	Situation analysis in dentistry	1	-			1.1; 2.1; 2.7
2.2.	The study of the components and the main stages of the situation analysis	-	7	5	5.1; 5.2; 5.5; 5.6; 5.7	1.1; 2.1; 3.1
2.3.	Carrying out situation analysis on the basis of the given data	-	7	5	5.1; 5.2; 5.5; 5.6; 5.7	1.1; 2.1; 2.5; 3.1; 4.1
3.	The basic principles of community prevention programs planning in dentistry	1	14	8		

3.1.	Planning dental diseases community prevention		-			
3.2.	The role of fluoride and nutrition in community prevention programs	1	7	4	5.1; 5.2; 5.5; 5.6; 5.7	1.1; 1.3; 2.1; 2.6; 4.1
3.3.	Using fluoride in community-oriented prevention programs, learning fluoride prevention strategies	-	7	4	5.8; 5.9; 5.10; 5.11; 5.12	1.1; 1.4; 2.1; 2.6; 4.1; 3.4
5.	Planning dental care at the community level	2	-	-		
5.1.	The main components of the long-term planning of dental care at the community level. Planning staff and dental care for the population	1	-	-		1.1; 2.1; 2.3; 2.6
5.2.	Indicators of dental care provision. Dental service model (WHO)	1	-	-		1.1; 2.2; 2.3; 4.1
6.	Dental Care Systems	1	-	-		
6.1.	Dental Care Systems	1	-	-		1.1; 1.2; 2.1; 2.3; 3.2
10 semester						
4.	Healthy lifestyle and dental diseases community prevention programs	-	7	4	5.1; 5.2; 5.5; 5.6; 5.7	1.1; 1.3; 2.7; 4.1
3.	The basic principles of community prevention programs planning in dentistry	-	35	20		
3.4.	Analysis of a food diary and the development of recommendations for diet correction to prevent dental caries	-	7	4	5.1; 5.2; 5.5; 5.6; 5.7; 5.12	1.1; 2.1; 3.1
3.7.	Community caries and periodontal diseases prevention programs in the Republic of Belarus	-	7	4	5.1; 5.2; 5.5; 5.6; 5.7; 5.12	1.1; 1.2; 1.3; 1.4; 4.1
3.5.	Stages of planning dental diseases community prevention programs	-	7	4	5.1; 5.2; 5.5; 5.6; 5.7	1.1; 1.2; 2.6
3.6.	Planning the dental diseases community prevention program basing on the situation analyses data	-	7	4	5.1; 5.2; 5.5; 5.6; 5.7	1.1; 2.6; 3.1; 4.1
3.8.	Estimation of the periodontal diseases prevention programs efficiency	-	7	4	5.1; 5.2; 5.5; 5.6; 5.7; 5.12	1.1; 1.4; 2.1; 2.2
5.	Planning dental care at the community level		14	8		
5.1.	The main components of the long-term planning of dental care at the community level. Planning staff and dental care for the population	-	7	4	5.1; 5.2; 5.5; 5.6; 5.12	1.1; 2.1; 2.3; 2.6

5.2.	Indicators of dental care provision. Dental service model (WHO)	-	7	4	5.1; 5.2; 5.5; 5.6; 5.12	1.1; 2.2; 2.3; 4.1
6.	Dental Care Systems	-	14	10		
6.1.	Dental Care Systems	-	7	5	5.1; 5.2; 5.5; 5.6; 5.7; 5.12	1.1; 1.2; 2.1; 2.3; 3.3
6.2.	Assessment of dental care level in different dental care systems	-	7	5	5.12	1.1; 2.1; 2.6; 3.2; 3.3; 4.1
	TOTAL	10	126	76		

INFORMATION AND INSTRUCTIONAL UNIT

LITERATURE

Basic (relevant):

1. Stockholm World FDI Congress' statements. 2008, doc. 73a.
2. Petersen, P.E. Global policy for improvement of oral health in the 21st century -implications to oral health research of World Health Assembly 2007, World Health Organization. / P.E.Petersen // Community Dent Oral Epidemiol. 2009. Feb.37(1):1-8. Epub 2008. Nov 12.
3. Леус, П.А. Стоматологическое здоровье населения: учебное пособие / П.А.Леус. Мн.: БГМУ, 2009. 256 с.
4. Казеко, Л.А. Эпидемиологические исследования в стоматологии = Epidemiological surveys in dentistry : учеб.-метод. пособие / Л. А. Казеко, О.А. Тарасенко – Минск : БГМУ, 2016. – 35 с.
5. Леус, П.А. Основные подходы к организации эпидемиологических исследований и профилактике 0-75 стоматологических заболеваний: учеб.-метод. пособие / П.А. Леус [и др.]. БГМУ, 2006. 24 с.
6. Леус, П.А. Основы планирования научных исследований: учеб.-метод. пособие / П.А. Леус, Л.А. Казеко, И.Н. Федорова. Мн.: БГМУ, 2002. 28 с.
7. Модринская, Ю.В. Методы прогнозирования кариеса зубов: учеб.-метод. пособие / Ю.В. Модринская. Минск: БГМУ, 2006. 31 с.
8. Юдина, Н.А. Коммунальные программы профилактики и тенденции стоматологических заболеваний: учеб.-метод. пособие / Н.А. Юдина, Л.А. Казеко, О.С. Городецкая. Мн.: БГМУ, 2004. 32 с.

Additional:

1. Community Oral Health / Ed. M. Pine. Linacre House. Jordan Hill. Oxford, 1997. 305 p.
2. Petersen, P. E. Utilization of dental health services / P.E.Petersen, D.Holst / Ed. Disease prevention and oral health promotion. Copenhagen: Munksgaard, 1995.
3. Planning Oral Health services. WHO. Geneva, 1980. 49 с.
4. A.Reich, E. Trends in caries and periodontal health epidemiology in Europe /E.Reich // Intern. Dental J. 2001. Vol. 51. P. 392-398.
5. World Health Organization. Active Ageing: a Policy Framework. Geneva: WHO, 2002.
6. Mobdell, M. Global goals for oral health 2020 / M. Mobdell, P.E. Petersen // Int. Dent J. et. al. 2003. V. 53. №5. P. 258-288.
7. Petersen, P.E. The World Oral Health Report 2003: continuous improvement of oral health in the 21st century—the approach of the WHO Global Oral Health Programme. / P.E.Petersen // Community Dent Oral Epidemiol. 2003. Dec. 31 Suppl 1:3-23.
8. Леус, П.А. Коммунальная стоматология : произвол.-практ. изд. Для

стоматологов и зубных врачей / П.А.Леус. Брест: ОАО «Брестская типография», 2000. 284 с.

9. Альтернативные системы развития стоматологической помощи: докл. комитета экспертов ВОЗ: пер. с англ. М.: Медицина, 1987. 63 с. (сер. техн. докл. /ВОЗ; 750).

10. Леус, П.А. Новые методы мониторинга первичной профилактики кариеса зубов / П.А.Леус. Сотр. центр ВОЗ. Ереван, 1990. 22 с.

11. Леус, П.А. Профилактика стоматологических заболеваний: справ. метод. матер, для врачей и студентов / П.А.Леус. Филиал сотр. центра ВОЗ. Ереван, 1993. 46 с.

12. Леус, П.А. Ситуационный анализ и планирование первичной профилактики стоматологических заболеваний / П.А.Леус. Сотр. центр ВОЗ. Мн., 1996. 84 с.

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14. Методы и программы профилактики основных стоматологических заболеваний: докл. комитета экспертов ВОЗ: пер. с англ. М.: Медицина, 1986. 47 с. (сер. техн. докл. / ВОЗ; 713).

15. Модринская, Ю.В. Методы выявления факторов риска и ранняя диагностика кариеса зубов: учеб.-метод, пособие / Ю.В. Модринская, С.М. Тихонова. Мн.: БГМУ, 2003. 48 с.

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17. Пахомов, Г.Н. Основы организации стоматологической помощи населению / Г.Н.Пахомов. М.: Медицина, 1983. 207 с.

18. СИНДИ: протокол и практ. руководство. ВОЗ. Европ. регион, бюро: пер. с англ. М., 1994. 102 с.

19. Современные достижения в стоматологии: докл. комитета экспертов ВОЗ: пер. с англ. М.: Медицина, 1994. 51 с. (сер. техн. докл. / ВОЗ; 826).

20. Стоматологическое обследование: основн. методы. 3-е изд. ВОЗ. Женева, 1989.

21. Фториды и гигиена полости рта: докл. комитета экспертов ВОЗ: пер. с англ. М.: Медицина, 1995. 63 с. (сер. техн. докл. / ВОЗ; 846).

22. Эпидемиология, этиология, профилактика болезней периодонта: докл. науч. группы ВОЗ: пер. с англ. М.: Медицина, 1980. 53 с. (сер. техн. докл. /ВОЗ; 621).

LIST OF AVAILABLE DIAGNOSTIC TOOLS

The following forms are used for competences assessment:

1. Oral form:

- 1.1 interviews;
- 1.2 oral examinations;
- 1.3 assessment based on role-playing;
- 1.4 situational tasks.

2. Written form:

- 2.1 tests;
- 2.2 control questioning;
- 2.3 reviews;
- 2.4 accounts of scientific research work;
- 2.5 publishing of issues, reports;
- 2.6 credits;
- 2.7 standardized tests.

3. Oral-written form:

- 3.1 accounts of home practical exercises with oral defense;
- 3.2 credits;
- 3.3 role-playing based evaluation;
- 3.4 graded credits.

4. Technical form:

- 4.1 computer tests.

5. Equipment (9; 10 semester):

- 5.1 Motivation models and oral hygiene tools.
- 5.2 Motivation albums, manuals for patients.
- 5.3 Interactive computer program "Cariogram".
- 5.4 Methodical material for clinical caries prognostication method.
- 5.5 Set of instruments for detection and diagnose of periodontal diseases.
- 5.6 Ultrasonic devices for removing deposits on the teeth.
- 5.7 Set of instruments for professional oral hygiene.
- 5.8 Examples of polishing pastes and instruments for professional oral hygiene.
- 5.9 Examples of protective and treatment gingival dressings.
- 5.10 Arrangement for making a paraffin treatment gingival dressing.
- 5.11 Set of drugs for periodontal diseases treatment.
- 5.12 Medical documentitation.

LIST OF LECTURES

9th semester

1. Methods of oral health survey.
2. The trends of dental diseases in Belarus and in the world.
3. Methods of caries prognosis.
4. Situation analysis in dentistry.
5. Planning dental diseases community prevention. The role of fluoride and nutrition in community prevention programs.
6. The main components of the long-term planning of dental care at the community level. Planning staff and dental care for the population.
7. Indicators of dental care provision. Dental service model (WHO).
8. Dental Care Systems.

LIST OF PRACTICAL STUDIES

9th semester

1. The study of methods of oral health survey, the main stages of pathfinder surveys.
2. Development of individual plans for oral health survey.
3. The study of dental disease trends in the world and in Belarus.
4. The study of dental caries prediction methods
5. The study of the components and the main stages of the situation analysis.
6. Situation analysis on the basis of the proposed data.
7. Role of fluoride in community-oriented prevention programs.
8. Use of fluoride in community-oriented prevention programs; studying fluoride prevention strategies.


10th semester

1. The study of the indicators of dental care provision. Quality criteria for dental care.
2. Analysis of a food diary and the development of recommendations for diet correction to prevent dental caries.
3. National caries and periodontal disease prevention programs in Belarus.
4. The study of dental diseases prevention programs planning stages.
5. Development of community caries prevention programs for different age groups basing on the proposed data.
6. Assessment criteria for effectiveness of community-oriented prevention programs of dental diseases

7. The study of the main components of long-term planning of dental care at the community level.
8. The study of the indicators of dental care provision. The quality criteria for dental care. Dental service model (WHO).
9. Dental Care Systems.
10. The evaluation of dental care for the population in social, insurance and private dental care systems.


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Curriculum content, composition and accompanying documents correspond to the established requirements.

Dean of the Medical Faculty
of International Students
10.08 2017



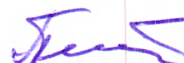
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