

Summary of the working program of the academic discipline

«FUNDAMENTALS OF SALIVA DIAGNOSTICS»

General Educational Program of higher education (specialist's degree programs)

31.05.03 Dentistry

Department: **BIOCHEMISTRY NAMED AFTER G.YA.GORODISSKAYA**

1. The purpose of mastering the discipline (participation in forming the relevant competencies: professional competencies - PC -1):

2. Position of the academic discipline in the structure of the General Educational Program (GEP).

2.1. The discipline "FUNDAMENTALS OF SALIVA DIAGNOSTICS" refers to the part of Block 1 of GEP HE (31.05.03 "Dentistry») formed by the participants of educational relations.

In the general system of training doctors biochemistry occupies a special position - it is a science that, on the one hand, gives fundamental knowledge about the molecular mechanisms of the functioning of the human body, and on the other hand, is an applied medical discipline, the knowledge of which is necessary for every dentist. Knowledge of the basics of saliva diagnostics is necessary to assess the general condition of the body, as well as the organs of the oral cavity. The discipline is taught in 7 semesters/ fourth year of study.

2.2. The following knowledge, skills and abilities formed by previous academic disciplines are required for mastering the discipline: general and bioorganic chemistry, biology, anatomy, histology, biological chemistry - biochemistry of the oral cavity, physiology, microbiology, proaedeutic and therapeutic dentistry.

2.3. Mastering the discipline is required for forming the following knowledge, skills and abilities for subsequent academic disciplines: therapeutic dentistry, pediatric dentistry, orthopedic and surgical dentistry.

3. Deliverables of mastering the academic discipline and metrics of competence acquisition

Mastering the discipline aims at acquiring the following professional (PC) competencies.

№	Competence code	The content of the competence (or its part)	As a result of mastering the discipline, the students should:		
			know	be able to	possess
1	UC-1	Prevention of the occurrence and (or) spread of dental diseases, their early diagnosis, identification of the	IUC 1.1: Methods of laboratory and instrumental studies for assessing the state of health, medical indications for conducting studies, rules for interpreting their	IUC 1.2: Interpret and analyze the results of additional laboratory examinations in children and adults with dental diseases.	IUC 1.3 Has practical experience referral of children and adults with dental diseases to laboratory, additional studies.

		causes and conditions for the occurrence and development, as well as prevention.	results. The role of oral hygiene, nutrition and the use of fluorides in the prevention of dental and periodontal diseases.		
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4. Volume of the academic discipline and types of academic work

Total labor intensity of the discipline is 2 CU (72 AH)

Type of educational work	volume in academic hours (AH)	Labor intensity (AH) in semesters
		7
Classroom work, including:	44	44
Lectures (L)	4	4
Laboratory practicum (LP)		
Practicals (P)	20	20
Seminars (S)	20	20
Student Independent Work (SIW)	28	28
TOTAL LABOR INTENSITY	72	72

5. Sections of the academic discipline and competencies that are formed

№	Competence code	Section name of the discipline
1.	PC-1	Biochemistry of the oral fluid.
2	PC-1	Biochemical aspects of pathological conditions of the oral cavity.
3	PC-1	Methods of saliva diagnostics. Practical salivology in assessing the state of health. Saliva screening tests.