

Summary of the working program of the academic discipline

«Oral Surgery»

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

Department: Oral and Maxillofacial Surgery

1. The purpose of mastering the discipline: GC-1, GPC-6, PC-5, PC-6, PC-8, PC-9.

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

2.1. The discipline «Oral Surgery» refers to the core part «Disciplines» of Block 1 of GEP HE «Dentistry».

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

Mastering the discipline aims at acquiring the following universal (UC) or/and general professional (GPC) or/and professional (PC) competencies

№	Competence code	The content of the competence (or its part)	Code and name of the competence acquisition metric	As a result of mastering the discipline, students should:		
				know	be able to	possess
1.	UC 1	Ability to abstract thinking, analysis, synthesis	IUC 1.1 Know: Methods and techniques of philosophical analysis; searching and processing information IUC 1.2 be able to: analyses and evaluate the situation on their own; to use educational, scientific, popular literature, Internet on a given topic for the note-taking; IUC 1.3 possess: possess the skills of	Methods and techniques of philosophical analysis; searching and processing information	analyses and evaluate the situation on their own; to use educational, scientific, popular literature, Internet on a given topic for the note-taking	possess the skills of presenting an independent point of view, analysis and logical thinking

			presenting an independent point of view, analysis and logical thinking			
2.	GPC 6	Willingness to conduct medical documentation		maintenance of standard accounting and reporting medical documentation in medical organizations of dental profile; indication for hospitalization	maintain medical documentation of various types in dental outpatient clinics; carry out measures for the prevention	rules of registration of the medical record of the dental patient (surgical profile)
3.	PC - 5	To collect complaints, anamnesis of the patient's life and illness, results of the pathological and anatomical examination for the recognition of states or establishing the presence or absence of dental disease		requirements and rules to obtain of the informed consent by the patient to the diagnostic procedures	to collect a complete medical history including of the oral cavity; examination of the patient; to perform a physical examination (inspection, palpation, auscultation, measure blood pressure, pulse, respiratory rate), refer the patient to laboratory and instrumental examination, for consultation; interpret the clues.	methods of clinical examinations to assess the state of health; dental health; own the technique of thermometry, measure blood pressure, heart rate.
4.	PC - 6	The identification of a patient's of		etiology, pathogenesis	to diagnose dental	

		pathological conditions, symptoms, syndromes of dental diseases, nosological forms according to the ICD-10 and the related health problems		, diagnosis, treatment and prevention of the most common dentistry diseases of surgical profile	diseases of surgical patients	
				principle of the ICD-10	to justify making a diagnosis according to the ICD-10	to make a diagnosis according to the ICD-10
5.	PC - 8	Determine the algorithm for managing patients with different dental diseases		methods of outpatient dental monitoring of different age groups, rehabilitation of patients	to develop a plan for treatment according to disease, to carry out rehabilitation of maxillofacial disease	
				etiology, pathogenesis, diagnosis, treatment and prevention of the most common dentistry diseases of surgical profile	to diagnose dental diseases of surgical patients	
				the role of local anesthesia, premedication and sedation in dental interventions	formulate indications for local anesthesia in oral dental interventions, premedication and sedation in surgical dental patients	conduct infiltration and conduction anesthesia in the oral cavity. Prescribe medication therapy before, during and after dental treatment
6.	PC - 9	willingness to manage and treat patients with dental diseases in outpatient and		clinical manifestations of the main syndromes	perform low-traumatic surgery on patients of all ages,	manual skills in operative dentistry (simple tooth extraction, periostotomy);

		day-care settings		requiring surgical treatment; types and methods of modern anesthesia	including tooth and root extractions, small soft tissue surgeries; opening, treating and draining subperiosteal abscesses	techniques of oral infiltration and conduction anesthesia for surgical treatment; carrying out simple tooth extraction and low-traumatic surgeries; stopping bleeding after tooth extraction
				etiology, pathogenesis, diagnosis, treatment and prevention of the most common diseases	perform low-traumatic surgery on patients of all ages	

4. Volume of the academic discipline and types of academic work

Total labor intensity of the discipline is 11 CU (396 AH)

Type of educational work	Labor intensity		Labor intensity (AH) in semesters			
			Semesters			
	volume in credit units (CU)	volume in academic hours (AH)	V	VI	VII	X
Classroom work, including	6	216	54	48	16	98
Lectures (L)	1,44	52	8	8	4	26
Laboratory practicum (LP)						
Practicals (P)						
Clinical practice sessions (CPP)	4,56	164	40	40	14 12	72
Seminars (S)						
Student's individual work (SIW)	4	144	36	33	11	64
Research work of the student.						
Interim attestation						
Exam	1	36			Exam	
TOTAL LABOR INTENSITY	11	396	90	81	27	162

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

№	Competence code	Section name of the discipline
1.	UC 1 GPC 6 PC 5 PC 6	The department of surgical dentistry.
2.	PC 8 PC 9	Tooth extraction surgery.
3.	PC 6 PC 8 PC 9	Teething diseases.
4.	PC 6 PC 8 PC 9	Odontogenic inflammatory diseases of the jaw (periodontitis, periostitis, odontogenic osteomyelitis).
5.	PC 6 PC 8 PC 9	The odontogenic maxillary sinusitis. Perforation and fistula of the maxillary.
6.	PC 6 PC 8 PC 9	Adenopathy of the face and neck.
7.	PC 6 PC 8 PC 9	Specific inflammatory process (actinomycosis, tuberculosis, syphilis, HIV-infection).
8.	PC 6 PC 8 PC 9	Facial anthrax and furuncle. Erysipelatous inflammation.
9.	PC 6 PC 8 PC 9	Diseases of the salivary glands.
10.	PC 5 PC 6 PC 8 PC 9	Classification of periodontal diseases. The examination of a patient with periodontal diseases. Additional diagnostic methods. Emergency conditions in periodontal diseases.
11.	PC 6 PC 8 PC 9	The main method of surgery periodontal treatment. The auxiliary periodontal operations. Tooth preservation .
12.	PC 9	Directed periodontal tissue regeneration, osteoplastic materials in periodontology
13.	UC 1 PC 5	History, current status and prospects of dental implantology.
14.	PC 5 PC 8	Indications and contraindications (limitations) of dental rehabilitation with dental implants. Implant diagnosis and planning instrumentation, medical perioperative support.
15.	PC 8 PC 9	Methods of dental implantation Prevention and treatment of dental implantation complications.
16.	PC 5 PC 6 PC 8	Diseases and injuries of the maxillofacial nerves