

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

| № | Compe tence 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 philosophica l 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 |