

Odessa National Medical University

Faculty of Dentistry

Department of Surgical Dentistry

Syllabus course

Surgical dentistry

Amount	300 hours \ 10 credits
Semester, year of study	IX-X semesters, 5 years of study
Days, time, place	Cycle classes according to the schedule 8.30-16.00; Regional Clinical Dental Clinic ( 15 Torhova Street )
Teachers	Pasechnik Allen M., candidate. medical sciences, associate professor, Pasechnik Alexander V., candidate. medical sciences, associate professor, Lungu Valeriy Ivanovich candidate.. medical sciences, associate professor, Rozumenko Andriy Oleksandrovyh, assistant, Dmitrieva Natalia B., candidate. medical sciences, associate professor, Parasochkina Victoria Vladimirovna, candidate.medical sciences, assistant Ivanchenko Sergey Valerievich, assistant
Contact phone	0949964216
E- mail	Hirsom_onmu@ukr.net
Workplace	Office 5,6,7 Regional Clinical Dental Clinic ( 15 Torhova Street )
Consultations	Eye consultations: Thursday from 14.30 to 18.00, Saturday 9.00-15.00 every week

**Communication with students** - face-to-face meetings, online (zoom, google meet)

### **COURSE ANNOTATION**

*The subject of study of the discipline .*

The subject of study of the discipline is to define the pathogenesis of major odontogenic diseases oral diagnostics measures in practice doctor dental surgeon and first aid in case of emergency conditions that threaten the life of the patient.

Course details :

1. Normal anatomy
2. Normal physiology
3. Histology, embryology and cytology
4. Pathological anatomy
5. Pathological physiology
6. Operative surgery and topographic anatomy
7. Microbiology, virology and immunology
8. Medical chemistry
9. General and clinical pharmacology
10. Hospital surgery and dental surgery -faculty
11. Propaedeutics of internal diseases
12. Social medicine, health management and economics
13. Department of General Hygiene
14. Phthisiopulmonology
15. Otorhinolaryngology
16. Skin and venereal diseases
17. Infectious diseases with a course of epidemiology
18. Therapeutic dentistry
19. Orthopedic dentistry
20. Orthodontics

*The purpose of the course .*

Mastering by higher education students of all sections of surgical dentistry and basics of maxillofacial surgery, starting from the organization of the surgical department of the dental clinic and maxillofacial hospital to the provision of qualified surgical dental care and emergency maxillofacial surgery.

*Tasks of discipline.*

- the ability to examine the patient, the study of the leading syndromes and symptoms in surgical dentistry,
- substantiation and formulation of the preliminary diagnosis;
- the ability to analyze the results of the examination and to make a differential diagnosis, to make a final diagnosis of major diseases,
- detect and identify manifestations of somatic diseases in the oral cavity,
- to determine the principles of complex treatment in the clinic of surgical dentistry,
- identify different clinical variants and complications of the most common surgical dental diseases.

*Expected results:*

The student must master the principles of examination of patients:

- know the importance of special and auxiliary methods of examination for the differential diagnosis of dental diseases,
- etiology and pathogenesis of major surgical dental diseases, their impact on organs and systems of the human body,
- clinical manifestations of dental pathology of the oral cavity and indications for the use of various treatments in surgical dentistry;
- prevention and treatment of inflammatory processes of the maxillofacial area, diseases of the temporomandibular joints,
- the main stages and methods of dental operations, issues of asepsis and antiseptics,
- principles and methods of anesthesiology, general and local anesthesia,
- to analyze the review, panoramic, targeted dental and control radiographs, tomograms,
- develop a plan and tactics of treatment, establish the initial (preliminary) diagnosis based on the analysis of the results and determine the indications for dental interventions

## **9. COURSE DESCRIPTION:**

### ***Forms and methods of teaching:***

The course will be presented in the form of lectures (18 hours) and practical classes (78 hours), organization of independent work of students (54 hours).

During the training course the following methods: lectures, explanations, multimedia presentations, fotozavdannya, situational teaching, simulation training, oral examination, testing and implementation of individual tasks, individual work with the textbook.

### ***Course content:***

Topic 1. Subject and tasks of dentistry of extreme situations. Organization of dental care in the Armed Forces of Ukraine.

Topic 2. The magnitude and structure of sanitary losses in injuries of the maxillofacial area. Classification of injuries of the maxillofacial area.

Topic 3. General characteristics, clinical course, diagnosis of gunshot wounds of the maxillofacial area. Principles and methods of treatment of gunshot wounds of the maxillofacial area.

Topic 4. General characteristics, clinical course, diagnosis of burns, combined lesions of the maxillofacial area. Principles and methods of treatment.

Topic 5. Military medical examination for injuries and diseases of the maxillofacial area.

Topic 6. Diseases of the nerves SHLD.

Topic 7. Dislocations, ankylosis, contractures of the temporomandibular joint

Topic 8-12. Methods of surgical treatment of periodontal diseases

Topic 13-20. Stomatological implantology.

### ***List of recommended reading***

1. Бернадський Ю.Й. Основи щелепно-лицевої хірургії і хірургічної стоматології. К. Спалах, 2003.- 512 с.
2. Горішний Б.М., Рибалов О.В., Саяпіна Л.М. Щелепно-лицьова хірургія екстремальних ситуацій. - Полтава, 2000. - 221 с.
3. Ломницький І.Я. Пропедевтика хірургічної стоматології. - Львів, - 2005. -108 с.
4. Основи стоматології / Под ред. В.О.Маланчука. – К.: Медицина, 2009. – 591 с.
5. Руководство по хирургической стоматологии и челюстно-лицевой хирургии: В 2-х томах. / Под ред. В.М.Безрукова, Т.Г.Робустовой. - Изд. 2-е, перераб. и доп. - М.: Медицина, 2000. – 776с.
6. Стоматология: Учебник / Под ред. Т.Г. Робустовой. - М.: Медицина, 2008. -816 с.
7. Тимофеев А.А. Руководство по челюстно-лицевой хирургии и хирургической стоматологии. - К.: Червона Рута-Турс, 2004. - 1061 с.
8. Тимофеев А.А. Челюстно-лицевая хирургия. - Киев.: ВСИ „Медицина”, 2010. - 574 с.
9. Хирургическая стоматология: Учебник/ Под ред. Т.Г. Робустовой. - М.: Медицина, 1999. - 576 с.
10. Хирургическая стоматология в схемах и таблицах: Учеб. пособие для студентов и врачей-интернов/ Г.П.Рузин, А.А. Дмитриева - Харьков: ХГМУ, 2001. - 108 с.
11. Хірургічна стоматологія та щелепно-лицьова хірургія: підручник; у двох томах. – Маланчук В.О. та ін.. - Київ, „Логос”, 2011. - т.1 – 672 с., т.2 – 606 с.
12. Хирургическая стоматология. Учебник./Под ред. Робустовой Т.Г. — М.: Медицина, 2015.

## **EVALUATION**

### *Methods of current control*

Current control is carried out on the basis of daily control of theoretical knowledge, practical skills through oral interviews, computer testing. At the end of the discipline, the current performance is calculated as the average current score.

### *Forms and methods of final control*

At the end of the 10th semester, students take a standardized state test exam (licensed integrated exam Step-2 "Dentistry") and OSKI - an objectively structured clinical exam. The method is used to assess clinical competencies. The method is based on a comprehensive assessment by the final multiplication (10-20) of assessment stations that simulate various aspects of clinical competencies. Various simulators and stimulators, standardized patients, as well as additional diagnostic elements are used for the exam. The essence lies in the creation of student clinical situations reprodukyutsya that allow you to demonstrate acquired technical deductive (diagnostic, cognitive) and communication skills. OSKI simulates the process of examination and

treatment of patients, so the practical tests at the OSKI station are tasks for the interpretation of the study, assessment of communication skills (history taking, etc. ). OSKI stations allow to check the clinical competence connected with independent clinical activity.

### *Independent work of students*

Individual work of students, preparation for practical classes and study topics are considered only in terms of the independent work of the student, search and study of additional literature, writing papers , papers for presentations of reports on practical exercises .

## **COURSE POLICY**

### **Deadline and recompilation policy .**

The student completes the missed lecture in the form of writing an abstract on the topic of the lecture. The student completes the missed practical lesson either in the form of writing an essay on the topic of the lesson, or by interviewing the teacher on duty (twice a week on Thursday and Saturday). The student must work off the practical classes for 2 weeks.

### **Academic Integrity Policy**

Adherence to academic integrity by students involves independent performance of educational tasks, tasks of current and final control of learning outcomes.

The use of prohibited auxiliary materials or technical means (cheat sheets, headphones , telephones, smartphones, etc.) during control activities is unacceptable in the educational activities of participants in the educational process ; passing of procedures of control of results of training by fictitious persons.

### **Attendance and lateness policy**

The student must acquire knowledge, perform all types of educational tasks, pass all types of educational control, attend all types and forms of classes provided for in the curriculum, avoiding omissions and delays.

Absence of a student at lectures or practical classes is noted in the journal of visits in the form of a mark " nb ", delay - " op ".

### **Mobile devices**

The student can use technical means (phones, smartphones, tablets) when compiling a test computer control.

### **Behavior in the audience.**

Active business atmosphere