

**ДЕРЖАВНИЙ ВИЩИЙ НАВЧАЛЬНИЙ ЗАКЛАД
«УЖГОРОДСЬКИЙ НАЦІОНАЛЬНИЙ УНІВЕРСИТЕТ»
СТОМАТОЛОГІЧНИЙ ФАКУЛЬТЕТ
КАФЕДРА ХІРУРГІЧНОЇ СТОМАТОЛОГІЇ, ЩЕЛЕПНО-ЛИЦЕВОЇ
ХІРУРГІЇ ТА ОНКСТОМАТОЛОГІЇ**

“ЗАТВЕРДЖУЮ”

Декан стоматологічного факультету
д.мед.н., проф. Костенко Є.Я.

“ _____ 20__ року

РОБОЧА ПРОГРАМА НАВЧАЛЬНОЇ ДИСЦИПЛІНИ

Хірургічна стоматологія

рівень вищої освіти _____ Освітньо-науковий _____
галузь знань _____ 22 «Охорона здоров'я» _____
спеціальність _____ 7.12010005 «Стоматологія» _____
предметна спеціальність _____ «Хірургічна стоматологія» _____
спеціалізація _____ «Хірургічна стоматологія» _____
освітня програма _____ 7. 12010005 «Стоматологія» _____
статус дисципліни _____ Обов'язкова _____
мова навчання _____ Українська _____

Ужгород – 2021 рік

Робоча програма навчальної дисципліни «Хірургічна стоматологія» для здобувачів вищої освіти галузі знань «Охорона здоров'я» спеціальності 7.12010005 «Стоматологія» предметної спеціальності 7.12010005 «Стоматологія» спеціалізації «Хірургічна стоматологія» освітньої програми «Стоматологія».

Розробники: зав.кафедрою хірургічної стоматології, ЩЛХ та онкостоматології к.м.н., доц.,Брехлічук П.П., д.м.н., проф. Мочалов Ю. О., к.м.н., доц. Гелей В. М., ст. викладач Петрецька С. Ю.

Робоча програма затверджена на засіданні кафедри хірургічної стоматології, ЩЛХ та онкостоматології

Протокол від «23» червня 2021 року № 10

В.о. завідувача кафедри Гелей В.М. к.мед.н., доц. Гелей В.М.

Схвалено науково-методичною комісією стоматологічного факультету

протокол № 10 від «23» червня 2021 р.

Голова науково-методичної комісії _____ д.мед.н., проф. Клітинська О.В.

1. Description of the educational discipline

Name of indicators	Breakdown of hours by curriculum	
	Full-time	Correspondence form
Number of credits - 7,5	Year of preparation:	
The total number of hours is 140 hours	3	
Number of modules – 4	Semester:	
Weekly hours for full-time education: classroom - student's independent work -	V-th	VI-th
	Lectures:	
	10 hours	10 hours
	Practical (seminar):	
	50 hours	52 hours
Type of final control: 1. credit 2. exam	Laboratory:	
	–	–
Form of final control: 1. credit 2. exam	Individual work:	
	–	–

2. The purpose and objectives of the discipline

The purpose and task - preparation of the dentist for the provision of routine and emergency care for inflammatory diseases of the maxillofacial area, as well as for the provision of emergency care for emergency conditions.

As a result of studying the discipline, the student must know:

- anatomical and physiological, age and sexual characteristics of a healthy and diseased human organism, the relationship of functional systems of the organism and the level of their regulation; causes of pathological processes in the body, mechanism of their development and clinical manifestations, clinical and laboratory symptoms of diseases and their syndromes;

- principles of examination of patients by a dentist; importance of special and auxiliary research methods for differential diagnosis of dental diseases; x-ray semiotics of diseases of teeth and surrounding teeth; methods of anesthesia and resuscitation in a dental clinic; indications and contraindications for outpatient dental surgery;

- etiology and pathogenesis of major dental diseases, their impact on the organs and systems of the human body, clinical manifestations of dental pathology in the oral cavity and indications for the use of various methods of treatment in dentistry.

- prevention, clinic and treatment of inflammatory processes of the maxillofacial area, diseases of the temporomandibular joint.

- pharmacotherapeutic effect on the body of medical preparations; main stages and methods of dental surgery; aseptic and antiseptic issues; the principle and methods of anesthesiology, general and local anesthesia;

- organization of dental care for the population, prospects of health care development in the country and abroad; basics of rendering medical and preventive and hygienic care in the city and in the countryside; methods of anti-epidemic protection of the population;

Be able to perform maxillofacial examination, including:

- examination of soft tissues of the face, temporomandibular joint, salivary glands of the regional lymphatic system, probing of teeth, fistulas and ducts of salivary glands;

- diagnostic puncture;

- analysis of survey, panoramic, sight detailed contrast radiographs, teleroentgenograms, tomograms, myograms;

- to provide immediate medical assistance in case of loss of consciousness, collapse, shock, coma, acute heart and respiratory failure, stroke, epileptic seizure, allergic reactions;

- perform local (infiltration conductor) sensation, novocaine blockages and determine indications for general sensitization during dental interventions;

- perform outpatient dental surgery: removal of tooth restoration, resection of the apex of the root, opening of subperiosteal abscesses of purulent foci;

- perform alveolectomy, sequestrectomy, puncture of maxillary sinus, cystotomy and cystectomy, gingivotomy;

- to carry out preventive examinations of the population in order to identify patients who need dental treatment;

- to carry out a medical examination and to prescribe physiotherapy procedures in the course of treatment (in the postoperative period): to lead patients in the postoperative period, providing food and care for them;

- identify concomitant diseases by general examination of patients (examination, percussion, palpation, auscultation, laboratory and instrumental methods of research);

- to establish the initial (preliminary) diagnosis on the basis of the analysis of the obtained results and to determine the indications for dental interventions.

3. PREREQUISITES FOR STUDY DISCIPLINE

Prerequisites for studying the discipline "Surgical dentistry" are mastering the following educational disciplines of the educational program:

1. Human anatomy
2. Histology
3. Physiology
4. Biology
5. Chemistry
6. Biochemistry
7. Pathological physiology

- 8. Pharmacology
- 9. Microbiology
- 10. Pathological anatomy

4. EXPECTED LEARNING RESULTS

According to the educational program "Dentistry", the study of educational discipline should ensure the achievement of the following program results of study by the applicants of higher education:

Program learning outcomes	Code (PLO)
Ability to think abstractly, analyze and synthesize; the ability to learn and to be modernly trained.	PLO1
Knowledge and understanding of the subject area and understanding of the profession.	PLO2
Ability to apply knowledge in practical situations.	PLO3
Ability to communicate in the state language both verbally and in writing; ability to speak a second language.	PLO4
Use of information and communication technologies.	PLO5
Ability to search, process and analyze information from various sources.	PLO6
Ability to adapt and act in a new situation; the ability to work autonomously.	PLO7
Ability to identify, set and solve problems.	PLO8
The ability to work as a team.	PLO9
Ability to act on the basis of ethical considerations (motives).	PLO10
Skills for safe operation.	PLO11
Ability to evaluate and ensure the quality of work performed.	PLO12
Ability to act socially responsible and civilly conscious.	PLO13

Expected results of training to be achieved by the recipients of education after mastering the course "Surgical Dentistry":

Expected learning outcomes of the discipline	Code (PLO)
Collecting medical information about the patient's condition.	PLO1
Evaluation of laboratory and instrumental research results.	PLO2
Establishing a clinical diagnosis of dental disease.	PLO3

Diagnosis of urgent conditions.	PLO4
Planning and conducting of preventive measures of dental diseases.	PLO5
Determination of the nature and principles of treatment of dental diseases.	PLO6
Визначення необхідного режиму праці та відпочинку, дієти при лікуванні стоматологічних захворювань	PLO7
Determining the tactics of managing a dental patient in somatic pathology.	PLO8
Performing medical and dental procedures.	PLO9
Treatment of major dental diseases	PLO10
Organization of medical evacuation activities.	PLO11
Defining tactics and providing emergency medical care	PLO12
Organization and carrying out of dental dispensary examination of the persons subjected to dispensary supervision.	PLO13
Assessing the impact of the environment on the state of health of the population (individual, family, population).	PLO14
Keeping medical records.	PLO15
Processing of state, social and medical information.	PLO16

5. DIAGNOSTICS AND ASSESSMENT CRITERIA LEARNING RESULTS

Assessment tools and methods for demonstrating learning outcomes
Means of assessment and methods of demonstrating the results of training in the discipline are:

1. Final module control №1, № 2 (semester 1)
2. Final module control №3, №4 (semester 2)
3. KRC
4. Credit
5. Exam

Forms of control and evaluation criteria for learning outcomes

Forms of current control: oral questioning

Form of modular control: oral questioning

Form of final semester control: credit

Distribution of points received by higher education applicants (module 1)

Ongoing testing and independent work									Modular control work	Total
T1	T2	T3	T4	T5	T6	T7	T8	T9	25	100
8	8	8	8	8	8	8	9	10		

T1, T2 ... T9 – content module topics.

Distribution of points received by higher education applicants (module 2)

Ongoing testing and independent work										Modular control work	Total
T1	T2	T3	T4	T5	T6	T7	T8	T9	T10	25	100
7	7	7	7	7	8	8	8	8	8		

T1, T2 ... T10 – content module topics.

Distribution of points received by higher education applicants (module 3)

Ongoing testing and independent work									Modular control work	Total
T1	T2	T3	T4	T5	T6	T7	T8	T9	25	100
8	8	8	8	8	8	8	9	10		

T1, T2 ... T9 – content module topics.

Distribution of points received by higher education applicants (module 4)

Ongoing testing and independent work											Modular control work	Total
T1	T2	T3	T4	T5	T6	T7	T8	T9	T10	T11	25	100
6	6	7	7	7	7	7	7	7	7	7		

T1, T2 ... T11 – content module topics.

Assessment of individual types of educational work in the discipline

Type of activity of the higher education applicant	Module 1		Module 2		Module 3		Module 4	
	Number	The maximum scores (total)	Number	The maximum scores (total)	Number	The maximum scores (total)	Number	The maximum scores (total)
Practical (seminar) classes	9	27	10	27	9	27	11	27
Laboratory classes (admittance,	-	-	-	-	-	-	-	-

performance and protection)								
Computer-based thematic evaluation	1	10	1	10	1	10	1	10
Written testing with thematic evaluation	9	27	10	27	9	27	11	27
...								
Presentation	1	6	1	6	1	6	1	6
Abstract	1	5	1	5	1	5	1	5
Essay	-	-	-	-	-	-	-	-
...								
Modular control work	1	25	1	25	1	25	1	25
Together		100		100		100		100

Evaluation criteria for modular control work

- Modular control work №1 - up to 10 points;
- Modular control work №2 - up to 10 points;
- Modular control work №3 - up to 10 points;
- Modular control work №4 - up to 10 points.

Performing unit test work involves providing answers to tests. Each unit test consists of 20 tests. For each correct answer to 1 test task, 0.5 points are given, for incorrect answer - 0 points. Modular test work is counted if it is rated at 5 or more points.

Module test work is allowed for students who have attended at least 90% of the classroom and received at least 60% of the possible points for current work.

Evaluation criteria for the final semester control

The credit card contains 3 tasks, each of which is rated on a scale:

- 1 theoretical task - up to 10 points inclusive;
- 2 theoretical tasks - up to 10 points;
- 3 practical tasks (problem solving) - up to 20 points.

The maximum number of points that can be obtained by a student on the credit - 40 points.

Rating scale: national and ECTS

Sum of points for all kinds of educational activity	ECTS grade	Score on a national scale	
		for exam, course project (work), practice	to offset
90 – 100	A	perfectly	counted
82-89	B	good	
74-81	C		
64-73	D	satisfactorily	
60-63	E		
35-59	FX	unsatisfactory with the possibility of reassembly	not reassigned
0-34	F	unsatisfactory with mandatory re-study of the discipline	not counted with the mandatory re-study of the discipline

Rating ECTS	Score on a four point scale
A	“5”
B, C	“4”
D, E	“3”
FX, F	“2”

Assessment in FX, F ("2") is given to students who do not enroll in at least one module after completing their course.

The FX grade (“2”) is given to students who have earned a minimum score for their current academic activities but have not completed the final module test. They have the right to reassess the final module control no more than 2 (two) times according to the schedule approved by the rector.

Students who have received a grade of F on completion of the course (did not complete at least one module or did not score a minimum of points for their current course activity), must be **retrained from the relevant module**. The decision is made by the management of the university in accordance with the normative documents approved in the prescribed manner.

The maximum number of points for the student's current educational activity is 100.

6. THE PROGRAM OF THE DISCIPLINE

6.1. Contents of the course

1 semester

Content module №1. Propedeutics of surgical dentistry

- Theme №1.** History of creation and organization of surgical dental care. Provision, documentation of the outpatient dental office and department, acquaintance with the structure of the department of maxillofacial surgery in the clinical hospital. Methods of examination of the oral cavity, jaws, face and neck. History and achievements of the department.
- Theme №2.** Pain, its components, leading pathways of pain. The value of pain in medicine, dentistry.
- Theme №3.** Teeth removal tool. Methods of tooth extraction, indications and contraindications to tooth extraction, preparation of the patient for surgery.
- Theme №4.** Complications during tooth extraction and postoperative period: clinic, diagnosis, treatment and prevention.
- Theme №5.** Local potential anesthesia. General anesthesia. Cardiopulmonary resuscitation
- Theme №6.** Local anesthetics, their properties, side effects. Local anesthesia equipment.
- Theme №7.** Application, infiltration anesthesia. Complications, their prevention and treatment. Tooth extraction under application, infiltration anesthesia.
- Theme №8.** Extraoral anesthesia of the mandible: indications, complications and their treatment. Lower jaw teeth removal.
- Theme №9.** Intraoral anesthesia of the mandible: indications, complications, their treatment. Lower jaw teeth removal.

Content module №2. Propedeutics of surgical dentistry

- Theme №1.** Infraorbital, chisel anesthesia: indications, complications, their prevention. Upper jaw teeth removal.
- Theme №2.** Tuberal, palatal anesthesia: indications, complications, their prevention. Upper jaw teeth removal.
- Theme №3.** Central conductor methods of anesthesia of jaws and adjacent tissues.
- Theme №4.** Dental teething diseases. Delayed and visceral teeth. Pericoronitis: clinic, diagnosis, treatment, complications.
- Theme №5.** Periodontitis: classification, clinic, prevention, surgical methods of treatment. Odontogenic granuloma of the face: clinic, treatment.

- Theme №6.** Odontogenic jaw periostitis (acute, chronic): clinic, diagnosis, treatment, complications, physiotherapy.
- Theme №7.** Acute odontogenic osteomyelitis of the jaws: etiology. pathogenesis, classification. Achievements of the department.
- Theme №8.** Acute odontogenic osteomyelitis of the jaws: clinical course, differential diagnosis, prevention, treatment (surgery, medication, physiotherapy, etc.), complications. Achievements of the department.
- Theme №9.** Chronic odontogenic osteomyelitis of the jaws: etiology. pathogenesis, classification. Achievements of the department.
- Theme №10.** Specific inflammatory processes of the maxillofacial area (actinomycosis, tuberculosis, syphilis), AIDS: classification, clinical course, diagnosis, treatment.

2 semester

Content module №1. Inflammatory processes of maxillofacial area

- Theme №1** Obtaining patient history. Patient examination with periostitis, osteomyelitis, pericoronitis.
- Theme №2** Phlegmones and abscesses of oral and maxillofacial area. Inflammation of oral and maxillofacial area. Characteristics of appearance, localization, clinical course, differential diagnostic, treatment.
- Theme №3** Lymphadenitis and adenophlegmones. Characteristics of appearance, localization, clinical course, differential diagnostic, treatment.
- Theme №4** Furuncle and carbuncle. Characteristics of appearance, localization, clinical course, differential diagnostic, treatment.
- Theme №5** Erysipela, cancrum oris. Characteristics of appearance, localization, clinical course, differential diagnostic, treatment.
- Theme №6** Abscesses and phlegmones of palatal and infraorbital areas. Characteristics of appearance, localization, clinical course, differential diagnostic, treatment.
- Theme №7** Abscesses and phlegmones of the buccal, parotid and retromandibular area. Characteristics of appearance, localization, clinical course, differential diagnostic, treatment.
- Theme №8** Abscesses and phlegmones of the submental, submandibular area. Characteristics of appearance, localization, clinical course, differential diagnostic, treatment.
- Theme №9** Abscess of jaw-lingual groove, sublingual area. Characteristics of appearance, localization, clinical course, differential diagnostic, treatment.

Content module №2. Inflammatory processes of maxillofacial area

- Theme №1** Deep phlegmones of maxilo-facial area. Parapharyngeal space phlegmone. Characteristics of appearance, localization, clinical course, differential diagnostic, treatment.
- Theme №2** Phlegmone of pterygopalatine-jaw space. Phlegmone of pterygo-mandibular space. Characteristics of appearance, localization, clinical course, differential diagnostic, treatment.
- Theme №3** Phlegmone of infratemporal fossae. Phlegmone of the tongue. Characteristics of appearance, localization, clinical course, differential diagnostic, treatment.
- Theme №4** Phlegmone of the floor of the mouth. Ludwig's angina.
- Theme №5** Principles of general and local treatment of odontogenic infection.
- Theme №6** Complication of odontogenic phlegmones: mediastenitis, thrombosis of cavernous sinus, sepsis, abscess of the brain.
- Theme №7** Acute odontogenic diseases of maxillary sinus. Chronic odontogenic diseases of maxillary sinus. Oro-antral fistula. Surgical treatment of oroantral fistula.
- Theme №8** Arthritis of temporomandibular joint (TMJ). Classification, etiology, pathogenesis, clinic, diagnostic, treatment and prophylaxis. Arthrosis of temporomandibular joint (TMJ).
- Theme №9** Classification, etiology, pathogenesis, clinic, diagnostic, treatment and prophylaxis. Temporomandibular joint syndrome pain. Etiology, pathogenesis, clinic, diagnostic, treatment and prophylaxis.
- Theme №10** Sialadenitis: classification, etiology, pathogenesis, clinic, diagnostic, treatment and prophylaxis.
- Theme №11** Sialosis: classification, etiology, pathogenesis, clinic, diagnostic, treatment and prophylaxis. Sialolithiasis: classification, etiology, pathogenesis, clinic, diagnostic, treatment and prophylaxis. Epidemic parotitis. Etiology, pathogenesis, clinic, diagnostic, treatment and prophylaxis.

6.2. Structure of the discipline

Content module names	Number of hours					
	Form of education:					
	Total	including				
		lectures	practical (seminar)	laboratory	individual work	independent work
1 semester						
Module 1						
Theme №1. History of creation and organization of surgical dental care. Provision, documentation of the outpatient dental office and department, acquaintance with the structure of the department of maxillofacial surgery in the clinical hospital. Methods of examination of the oral cavity, jaws, face and neck. History and achievements of the department.	4		4			
Theme №2. Pain, its components, leading pathways of pain. The value of pain in medicine, dentistry.	2		2			
Theme №3. Teeth removal tool. Methods of tooth extraction, indications and contraindications to tooth extraction, preparation of the patient for surgery.	6	2	4			
Theme №4. Complications during tooth extraction and postoperative period: clinic, diagnosis, treatment and prevention.	2		2			
Theme №5. Local potential anesthesia. General anesthesia. Cardiopulmonary resuscitation.	4	2	2			

Theme №6. Local anesthetics, their properties, side effects. Local anesthesia equipment.	2		2			
Theme №7. Application, infiltration anesthesia. Complications, their prevention and treatment. Tooth extraction under application, infiltration anesthesia.	4	2	2			
Theme №8. Extraoral anesthesia of the mandible: indications, complications and their treatment. Lower jaw teeth removal.	2		2			
Theme №9. Intraoral anesthesia of the mandible: indications, complications, their treatment. Lower jaw teeth removal.	2		2			
Modular control work	2	6	2			
Together for the module	30	6	24			
Module 2						
Theme №1. Infraorbital, chisel anesthesia: indications, complications, their prevention. Upper jaw teeth removal.	4		4			
Theme №2. Tuberal, palatal anesthesia: indications, complications, their prevention. Upper jaw teeth removal.	4	2	2			
Theme №3. Central conductor methods of anesthesia of jaws and adjacent tissues.	2		2			
Theme №4. Dental teething diseases. Delayed and visceral teeth. Pericoronitis: clinic, diagnosis, treatment, complications.	4		4			
Theme №5. Periodontitis: classification, clinic, prevention, surgical methods of treatment. Odontogenic granuloma of the face: clinic, treatment.	4	2	2			
Theme №6. Odontogenic jaw periostitis (acute, chronic): clinic,	2		2			

diagnosis, treatment, complications, physiotherapy.						
Theme №7. Acute odontogenic osteomyelitis of the jaws: etiology. pathogenesis, classification. Achievements of the department.	2		2			
Theme №8. Acute odontogenic osteomyelitis of the jaws: clinical course, differential diagnosis, prevention, treatment (surgery, medication, physiotherapy, etc.), complications. Achievements of the department.	2		2			
Theme №9. Chronic odontogenic osteomyelitis of the jaws: etiology. pathogenesis, classification. Achievements of the department.	2		2			
Theme №10. Specific inflammatory processes of the maxillofacial area (actinomycosis, tuberculosis, syphilis), AIDS: classification, clinical course, diagnosis, treatment.	2		2			
Modular control work	2		2			
Together for the module	30	4	26			
Together for the semester	60	10	50			
2 semester						
Module 1						
Theme №1. Obtaining patient history. Patient examination with periostitis, osteomyelitis, pericoronitis.	4		4			
Theme №2. Phlegmones and abscesses of oral and maxillofacial area. Inflammation of oral and maxillofacial area. Characteristics of appearance, localization, clinical course, differential diagnostic, treatment.	6	2	4			
Theme №3. Lymphadenitis and adenophlegmones. Characteristics of appearance, localization, clinical course, differential diagnostic, treatment.	2		2			
Theme №4. Furuncle and carbuncle. Characteristics of appearance,	2		2			

localization, clinical course, differential diagnostic, treatment.						
Theme №5. Erycipela, cancrum oris. Characteristics of appearance, localization, clinical course, differential diagnostic, treatment.	4	2	2			
Theme №6. Abscesses and phlegmones of palatal and infraorbital ares. Characteristics of appearance, localization, clinical course, differential diagnostic, treatment.	2		2			
Theme №7. Abscesses and phlegmones of the buccal, parotid and retromandibular area. Characteristics of appearance, localization, clinical course, differential diagnostic, treatment.	2		2			
Theme №8. Abscesses and phlegmones of the submental, submandibular area. Characteristics of appearance, localization, clinical course, differential diagnostic, treatment.	4	2	2			
Theme №9. Abscess of jaw-lingual groove, sublingual area. Characteristics of appearance, localization, clinical course, differential diagnostic, treatment.	2		2			
Modular control work	2	6	2			
Together for the module	30	6	24			
Module 2						
Theme №1. Deep phlegmones of maxilo-facial area. Parapharyngeal space phlegmone. Characteristics of appearance, localization, clinical course, differential diagnostic, treatment.	4		4			
Theme №2. Phlegmone of pterygopalatine-jaw space. Phlegmone of pterygo-mandibular space. Characteristics of appearance, localization, clinical course, differential diagnostic, treatment.	4		4			
Theme №3. Phlegmone of infratemporal fossae. Phlegmone of the	4	2	2			

tongue. Characteristics of appearance, localization, clinical course, differential diagnostic, treatment.						
Theme №4. Phlegmone of the floor of the mouth. Ludwig's angina	2		2			
Theme №5. Principles of general and local treatment of odontogenic infection.	2		2			
Theme №6. Complication of odontogenic phlegmones: mediastenitis, thrombosis of cavernous sinus, sepsis, abscess of the brain.	2		2			
Theme №7. Acute odontogenic diseases of maxillary sinus. Chronic odontogenic diseases of maxillary sinus. Oro-antral fistula. Surgical treatment of oroantral fistula.	2		2			
Theme №8. Arthritis of temporomandibular joint (TMJ). Classification, etiology, pathogenesis, clinic, diagnostic, treatment and prophylaxis. Arthrosis of temporomandibular joint (TMJ).	2		2			
Theme №9. Classification, etiology, pathogenesis, clinic, diagnostic, treatment and prophylaxis. Temporomandibular joint syndrome pain. Etiology, pathogenesis, clinic, diagnostic, treatment and prophylaxis.	4	2	2			
Theme №10. Sialadenitis: classification, etiology, pathogenesis, clinic, diagnostic, treatment and prophylaxis.	2		2			
Theme №11. Sialosis: classification, etiology, pathogenesis, clinic, diagnostic, treatment and prophylaxis. Sialolithiasis: classification, etiology, pathogenesis, clinic, diagnostic, treatment and prophylaxis. Epidemic parotitis. Etiology, pathogenesis, clinic, diagnostic, treatment and prophylaxis.	2		2			
Modular control work	2		2			

Together for the module	32	4	28			
Together for the semester	62	10	52			

6.3. Oriented thematic plan of lectures and practical classes.

№ p/s	Topic	Number of hours
<i>Thematic plan of lectures Module I Propedeutics of surgical dentistry</i>		
1.	History of Surgical Dentistry and Maxillofacial Surgery, their definitions and tasks. Preparing the patient for surgery. Definition of pain; reactions of an organism to pain, operative trauma. Anesthesia in Surgical Dentistry. Local anesthesia. Indications and contraindications to it, principles of premedication, neuroleptanalgesia. Complications of local and general anesthesia, their treatment and prevention. Basics of cardiopulmonary resuscitation.	2
2.	General anesthesia: indications and contraindications, principles of premedication, neuroleptanalgesia. Complications of local and general anesthesia, their treatment and prevention. Basics of cardiopulmonary resuscitation. Tooth removal: tools, indications and contraindications, preparation of the patient, complications during tooth extraction and in the postoperative period, their treatment and prevention. Retained and semi-retained teeth. Etiology, clinic, diagnostics, treatment, complications. Pericoronitis.	2
3.	Classification of inflammatory processes of the maxillofacial area Periodontitis: etiology, pathogenesis, classification, clinical course, complications, prevention. Odontogenic granuloma of the face: clinic, treatment. Odontogenic jaw periostitis: etiology, clinic, diagnostics, treatment, complications, prevention.	2
4.	Osteomyelitis of the jaws etiology, pathogenesis, classification. Acute and chronic odontogenic osteomyelitis of the jaws: clinical course, diagnosis, treatment, complications, prevention.	2
5.	Specific inflammatory processes (actinomycosis, tuberculosis, syphilis): etiology, classification, clinical course, diagnosis, treatment. Lymphadenitis of the maxillofacial area: etiology, pathogenesis, classification, clinical course, complications, prevention, treatment. Furuncles and carbuncles of the maxillofacial area: etiology, pathogenesis, clinical course, treatment.	2

Total 10 hours		
Thematic plan of lectures of Module II		
Inflammatory processes of maxillofacial area		
1.	<p>Abscesses, phlegmons, maxillofacial area (maxillofacial area): definition, classification, etiology, pathogenesis, clinic, principles of treatment, complications, prevention.</p> <p>Etiological and pathogenetic principles of treatment of inflammatory processes of maxillofacial area.</p> <p>Abscesses of the maxillofacial groove, palate, sublingual cushion. Phlegmon: maxillary, buccal, chewing, extra-mandibular, subclavian areas. Phlegmon of the floor of the mouth and neck, putrefactive-necrotic angina of Jansul-Ludwig, phlegmon, abscesses of the tongue: etiology, pathogenesis, clinic, diagnosis, treatment, complications, prevention.</p>	2
2.	<p>Phlegmon of the pharyngeal space, wing-palatine fossa, orbit, temporal, temporal, subcutaneous, wing-jaw area: etiology, pathogenesis, clinic, differential diagnosis, treatment, complications, prophylaxis.</p> <p>Lymphadenitis of maxillofacial area: etiology, pathogenesis, clinic, diagnosis, treatment, prevention.</p> <p>Beshiha face, noma, boils and carbuncles maxillofacial area: etiology, pathogenesis, clinical course, treatment, complications, prevention.</p>	2
3.	<p>Complications of inflammatory processes of the maxillofacial area (sepsis, mediastinitis, brain abscess, cervical sinus thrombosis, etc.): classification, pathogenesis, clinic, differential diagnosis, treatment and prevention.</p> <p>Odontogenic sinusitis: classification, etiology, pathogenesis, clinic, differential diagnosis, treatment, complications, prevention.</p>	2
4.	<p>Arthritis, arthrosis of the temporomandibular joint: classification, clinical course, diagnosis, treatment, complications and prevention. Syndrome of pain dysfunction of the temporomandibular joint. Surgical arthroscopy of the temporomandibular joint.</p>	2
5	<p>Acute and chronic sialoadenitis: etiology, classification, clinic, diagnosis, prevention, treatment, prevention of complications.</p> <p>Salivary stone disease: etiology, pathogenesis, clinic, differential diagnosis, treatment, complications and their prevention.</p>	2
Total 10 hours		

6.4. Practical topics

I semester

№ p/s	Topic	Num- ber of hours
1.	History of creation and organization of surgical dental care. Provision, documentation of the outpatient dental office and department, acquaintance with the structure of the department of maxillofacial surgery in the clinical hospital. Methods of examination of the oral cavity, jaws, face and neck. History and achievements of the department.	4
2.	Pain, its components, leading pathways of pain. The value of pain in medicine, dentistry.	2
3.	Teeth removal tool. Methods of tooth extraction, indications and contraindications to tooth extraction, preparation of the patient for surgery.	4
4.	Complications during tooth extraction and postoperative period: clinic, diagnosis, treatment and prevention.	2
5.	Local potential anesthesia. General anesthesia. Cardiopulmonary resuscitation.	2
6.	Local anesthetics, their properties, side effects. Local anesthesia equipment.	2
7.	Application, infiltration anesthesia. Complications, their prevention and treatment. Tooth extraction under application, infiltration anesthesia.	2
8.	Extraoral anesthesia of the mandible: indications, complications and their treatment. Lower jaw teeth removal.	2
9.	Intraoral anesthesia of the mandible: indications, complications, their treatment. Lower jaw teeth removal.	2
10.	Total modular control №1	2
11.	Infraorbital, chisel anesthesia: indications, complications, their prevention. Upper jaw teeth removal.	4
12.	Tuberal, palatal anesthesia: indications, complications, their prevention. Upper jaw teeth removal.	2
13.	Central conductor methods of anesthesia of jaws and adjacent tissues.	2
14.	Dental teething diseases. Delayed and visceral teeth. Pericoronitis: clinic, diagnosis, treatment, complications.	4
15.	Periodontitis: classification, clinic, prevention, surgical methods of treatment. Odontogenic granuloma of the face: clinic, treatment.	2
16.	Odontogenic jaw periostitis (acute, chronic): clinic, diagnosis, treatment, complications, physiotherapy.	2

17.	Acute odontogenic osteomyelitis of the jaws: etiology. pathogenesis, classification. Achievements of the department.	2
18.	Acute odontogenic osteomyelitis of the jaws: clinical course, differential diagnosis, prevention, treatment (surgery, medication).	2
19.	Chronic odontogenic osteomyelitis of the jaws: etiology. pathogenesis, classification. Achievements of the department.	2
20.	Specific inflammatory processes of the maxillofacial area (actinomycosis, tuberculosis, syphilis), AIDS: classification, clinical course, diagnosis, treatment.	2
21.	Total modular control №2	2
Together		50

II semester

№ p/s	Topic	Num- ber of hours
1.	Obtaining patient history. Patient examination with periostitis, osteomyelitis, pericoronitis.	4
2.	Phlegmones and abscesses of oral and maxillofacial area. Inflammation of oral and maxillofacial area. Characteristics of appearance, localization, clinical course, differential diagnostic, treatment.	4
3.	Lymphadenitis and adenophlegmones. Characteristics of appearance, localization, clinical course, differential diagnostic, treatment.	2
4.	Furuncle and carbuncle. Characteristics of appearance, localization, clinical course, differential diagnostic, treatment.	2
5.	Erysipela, cancrum oris. Characteristics of appearance, localization, clinical course, differential diagnostic, treatment.	2
6.	Abscesses and phlegmones of palatal and infraorbital areas. Characteristics of appearance, localization, clinical course, differential diagnostic, treatment.	2
7.	Abscesses and phlegmones of the buccal, parotid and retromandibular area. Characteristics of appearance, localization, clinical course, differential diagnostic, treatment.	2
8.	Abscesses and phlegmones of the submental, submandibular area. Characteristics of appearance, localization, clinical course, differential diagnostic, treatment.	2
9.	Abscess of jaw-lingual groove, sublingual area. Characteristics of appearance, localization, clinical course, differential diagnostic, treatment.	2
10.	Total modular control №1	2

11.	Deep phlegmones of maxilo-facial area. Parapharyngeal space phlegmone. Characteristics of appearance, localization, clinical course, differential diagnostic, treatment.	4
12.	Phlegmone of pterygopalatine-jaw space. Phlegmone of pterygo-mandibular space. Characteristics of appearance, localization, clinical course, differential diagnostic, treatment.	4
13.	Phlegmone of infratemporal fossae. Phlegmone of the tongue. Characteristics of appearance, localization, clinical course, differential diagnostic, treatment.	2
14.	Phlegmone of the floor of the mouth. Ludwig's angina.	2
15.	Principles of general and local treatment of odontogenic infection.	2
16.	Complication of odontogenic phlegmones: mediastenitis, thrombosis of cavernous sinus, sepsis, abscess of the brain.	2
17.	Acute odontogenic diseases of maxillary sinus. Chronic odontogenic diseases of maxillary sinus. Oro-antral fistula. Surgical treatment of oroantral fistula.	2
18.	Arthritis of temporomandibular joint (TMJ). Classification, etiology, pathogenesis, clinic, diagnostic, treatment and prophylaxis. Arthrosis of temporomandibular joint (TMJ).	2
19.	Classification, etiology, pathogenesis, clinic, diagnostic, treatment and prophylaxis. Temporomandibular joint syndrome pain. Etiology, pathogenesis, clinic, diagnostic, treatment and prophylaxis.	2
20.	Sialadenitis: classification, etiology, pathogenesis, clinic, diagnostic, treatment and prophylaxis.	2
21.	Sialosis: classification, etiology, pathogenesis, clinic, diagnostic, treatment and prophylaxis. Sialolithiasis: classification, etiology, pathogenesis, clinic, diagnostic, treatment and prophylaxis. Epidemic parotitis. Etiology, pathogenesis, clinic, diagnostic, treatment and prophylaxis.	2
22.	Total modular control №2	2
Together		52

7. INSTRUMENTS, EQUIPMENT AND SOFTWARE THAT THE COURSE DISCUSSES

Technical means: phantoms, models.

Equipment: typical dental equipment, a class of personal computers.

Software: is performed using a computed tomography of the jaw.

8. SOURCES OF INFORMATION RECOMMENDED

1. Surgical dentistry and maxillofacial surgery: textbook in volume 2. 3a by version V.O. Malanchuk. – K.: LOGOS, 2011.
2. Surgical Dentistry Test Tasks Step 2/ V.O. Malanchuk, O.S. Volovar, O.L. Cilenko and other. – Bila Cerkva: PAT «Bilotserkivska book factory», 2015. – 248 p.
3. Malanchuk V.O., Chepurniy Y.V. Traumatic damage to the orbit and tear ducts. – Bila Cerkva: PAT «Bilotserkivska book factory», 2014. – 176 p.
4. Malanchuk V.A., Mammadov Y.A. Direct dental implantation – K.: CSTRİ, 2008. – 154 p.
5. Malanchuk V.A., Brodetskiy I.S. Jaw osteomyelitis in patients with drug dependence. – K.: Moskalenko O.M., 2013. – 268 p.
6. Malanchuk V.O., Kryschuk M.G., Kopchak A.V. Simulation computer modeling in maxillofacial surgery. – K.: Publishing house «Askaniya», 2013. – 231 p.
7. Case histories of surgical dentistry and maxillofacial surgery / V.O. Malanchuk, O.S. Volovar, O.L. Cilenko and other. – K.: Alfa. Advertising, 2015. – 196 p. (ukr., rus., eng.).
8. Malanchuk B.O., Kopchak A.V. Benign tumors and tumors of the maxillofacial area and neck / Tutorial. – K.: Publishing house «Askaniya», 2008. – 320 p. (ukr., rus.).
9. Afanasjev V.V. Surgical dentistry. – Publishing office: GYOTAR-Media, 2010. – 880 p.
10. Afanasjev V.V. Noma (Water Cancer, Cancer aquaticus, Cancer oris). – Publishing office: Triada Tverj, 2009. – 96 c.
11. Bernadskiy J.Y. Basics of maxillofacial surgery and surgical dentistry. K. Spalah, 2003.- 512 p.
12. Bernadskiy J.Y. Fundamentals of Oral and Maxillofacial Surgery: Study guide, third publishing house, processing and additional. – Vitebsk: Belmed book, 1998.- 416 p.
13. Vahner V.D. Dentistry Manual. – M., N. Novhorod: Med. book; HGMU, 2000. - 264 p.
14. Hnatyshak A.I. General clinical oncology. – Lvov, 1988. - 233 p.
15. Horishnyj B.M., Rybalov O.V., Sayapina L.M. Maxillofacial surgery for extreme situations. - Poltava, 2000. - 221 p.
16. Surgical Dentistry Guide. Edited by Evdokimova A.I. - M.: Medicine, 1972. – 584 p.
17. Diseases of the oral mucosa and lips. / Edited by E.V. Borovskiy, A.L. Mashkillejskoho. - M. Medpres, 2001. - 320 p.
18. Lomnyckiy I.Y. Propedeutics of surgical dentistry. - Lviv, 108 p.
19. Maksymenko P.T. Medical pathology in dentistry – Poltava, 2001. - 138 p.
20. Basics of dentistry / Edited by V.O. Malanchuk. – K.: Medicine, 2009. – 591 p.

**Результати перегляду
робочої програми навчальної дисципліни**

Робоча програма перезатверджена на 20___ / 20___ н.р. без змін; зі змінами
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(підпис) (Прізвище ініціали)