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

"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 _____ 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

<table>
<tr><th>Name of indicators</th><th>Field of knowledge, specialty, subject specialty (specialization), educational program, educational level</th><th colspan="2">Breakdown of hours by curriculum</th></tr>
<tr><td rowspan="3">Number of credits –
VII semester – 2

- VIII semester – 2</td><td rowspan="12">Educational level:
Educational and scientific

Field of knowledge:
22 "Health"

Specialty:
7.221 _ "Dentistry"

Subject specialty "7.12010005
Surgical dentistry"

Educational program:
7.221 "Dentistry"</td><td>Full-time</td><td>Correspondence form</td></tr>
<tr><td colspan="2">Discipline status</td></tr>
<tr><td colspan="2">Mandatory</td></tr>
<tr><td rowspan="2">Number of modules – 4</td><td colspan="2">Year of preparation:</td></tr>
<tr><td>2021</td><td>2022</td></tr>
<tr><td>Content modules - 4</td><td colspan="2">Semester:</td></tr>
<tr><td rowspan="2">The total number of hours is 110</td><td>VII</td><td>VIII</td></tr>
<tr><td colspan="2">Lectures:</td></tr>
<tr><td rowspan="6">Weekly hours
for full-time education:

classroom –

student's independent work -</td><td>4</td><td>6</td></tr>
<tr><td colspan="2">Practical (seminar):</td></tr>
<tr><td>50</td><td>50</td></tr>
<tr><td colspan="2">Laboratory:</td></tr>
<tr><td>-</td><td>-</td></tr>
<tr><td colspan="2">Individual work:</td></tr>
<tr><td>-</td><td>-</td><td colspan="2">Type of final control:</td></tr>
<tr><td colspan="2">1. credit
2. exam</td></tr>
<tr><td colspan="2">Form of control:</td></tr>
<tr><td colspan="2">1. oral examination
2. oral examination</td></tr>
</table>

2.The purpose and objectives of educational 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 studying the discipline

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

1. Propedeutics of Surgical Dentistry (3rd year).

4.Program of the educational discipline

According to the educational program "Surgical 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. The program of the discipline

5.1. Contents of the course

VII semester

Content Module 1. Benign thyroid tumors

Theme №1. Classification of tumors, etiology, pathogenesis, patterns of growth and development of benign tumors, the principles of their differential diagnosis and treatment. Benign tumors and tumor-like neoplasms of the soft tissues of the thyroid gland: papilloma, fibroma, lipoma, hemangioma, atheroma. Etiology, pathogenesis, classification, histological structure, clinic, differential diagnosis, treatment and prevention of complications. Benign tumors and tumor-like neoplasms of the soft tissues of the thyroid gland: neurofibromatosis, dermoid and epidermal cysts. Etiology, pathogenesis, classification, histological structure, clinic, differential diagnosis, treatment and prevention of complications.

Theme №2. Benign tumors and tumor-like neoplasms of the soft tissues of the thyroid gland: middle and lateral neck cysts, brachiogenic cysts and fistulas. Etiology, pathogenesis, classification, histological structure, clinic, differential diagnosis, treatment and prevention of complications. Odontogenic and neodontogenic cysts of the jaws. Etiology, pathogenesis, classification, histological structure, clinic, differential diagnosis, treatment and prevention of complications. Benign odontogenic tumors of the jaws: ameloblastoma (adamantinoma). Classification, histological structure, clinic, differential diagnosis, principles and methods of treatment, prevention of complications.

Theme №3. Benign odontogenic tumors of the jaws: odontoma, cementoma. Classification, histological structure, clinic, differential diagnosis, principles and methods of treatment, prevention of complications Benign neodontogenic tumors of the jaws: osteoblastoma, osteoma, osteoid-osteoma. Classification, histological structure, clinic, differential diagnosis, principles and methods of treatment, prevention of complications. Benign neodontogenic tumors of the

jaws: chondroma, hemangioma, fibroma, epulid. Classification, histological structure, clinic, differential diagnosis, principles and methods of treatment, prevention of complications.

Theme №4. Osteogenic tumor-like neoplasms of the jaws (fibrous osteodysplasia, parathyroid osteodystrophy, Paget's disease, eosinophilic granuloma): etiology, pathogenesis, classification, histological structure, clinic, differential diagnosis, features of treatment, complications. Benign tumors of the salivary glands: classification etiology, histological structure, clinic, differential diagnosis, principles and methods of treatment.

Theme №5. Salivary gland cysts: classification etiology, histological structure, clinic, differential diagnosis, principles and methods of treatment.

Final and module control 1.

Theme №1. Curation of patients with writing a medical history. Independent work of students under the guidance of a teacher.

Theme №2. Biological bases of clinical oncology. Precancerous diseases and skin cancer: classification, histological structure, clinical forms, stages of the disease, differential diagnosis, treatment (surgery, radiation, chemotherapy, immunocorrection, etc.), prevention and prevention of complications**.**

Theme №3. Precancerous diseases and cancer of the lower lip: classification, histological structure, clinical forms, stages of the disease, differential diagnosis, principles and methods of treatment (surgical, radiation, chemotherapy, immunocorrection, etc.), prevention and prevention of complications. Precancerous diseases and cancer of the mucous membrane of the mouth and tongue: histological structure, clinical forms, stages, differential diagnosis, treatment, complications and prevention.

Theme №4. Malignant tumors of the salivary glands: histological structure, clinical forms, differential diagnosis, treatment. Cancer and sarcoma of the jaws: origin and histological structure, classification, clinic, differential diagnosis, treatment, complications and prevention.

Theme №5. Malignant tumors of the neck. Lymphadenopathy of the thyroid gland.

Final and module control 2.

VIII semester

Content module 2. Malignant tumors of the thyroid

Theme №1. Subject and tasks of military dentistry. Organization of surgical care for maxillofacial wounded in peaceful, extreme conditions. Military medical doctrine. Basic principles of organization, scope and content of care for the wounded in the maxillofacial area (MVF).

Theme №2. Traumatic disease: pathogenesis, features of SHLD injuries.

Theme №3. General characteristics, clinical course, diagnosis of gunshot wounds and soft tissue injuries, facial bones in peacetime, in extreme conditions: classification, features of the clinical course, diagnosis of injuries at the stages of medical evacuation. Influence of facial aesthetics disorders on the psyche of the wounded. Modern gunshot wound, its treatment.

Theme №4. Concomitant complications of SHLD injuries (bleeding, asphyxia, shock), their prevention. Medical care at the site of injury, at the stages of medical evacuation.

Theme №5. Damage to the soft tissues of the thyroid gland in peacetime, in extreme conditions: classification, clinical course, methods of surgical treatment of wounds, types of sutures. Providing assistance to such wounded at the site of injury, at the stages of medical evacuation, taking into account the aesthetics of the face.

Theme №6. Non-gunshot injuries of teeth and alveolar process in peacetime, in extreme conditions: classification, treatment clinic.

Theme №7. Injuries of the lower jaw in peacetime, in extreme conditions: anatomy of injuries, classification, clinical course, diagnosis.

Theme №8. Medical care for patients with fractures of the mandible at the site of injury and during the stages of medical evacuation. Achievements of domestic scientists, employees of the department.

Final and module control 1.

Theme №9. Damage to the upper jaw in peacetime, in extreme conditions: anatomy of injuries, classification, clinical course.

Theme №10. Medical care for patients with fractures of the upper jaw at the site of injury, during the stages of medical evacuation. Achievements of domestic scientists and staff of the department.

Theme №11. Damage to the chin bones, nasal bones in peacetime, in extreme conditions: classification, frequency, clinic, diagnosis, treatment. Achievements of domestic scientists, employees of the department**.**

Theme №12. Bone regeneration, types. Bone wound healing. Methods for optimizing bone regeneration. Achievements of domestic scientists, employees of the department.

Theme №13. Thermal injuries of the face in peacetime, in extreme conditions, their consequences, treatment, prevention of complications. Burn disease with facial injuries.

Theme №14. Combined damage to the thyroid gland, pathogenesis, variants of the clinical course depending on the characteristics of the lesion, treatment, possible complications**.**

Theme №15. Organization of nutrition and care for the wounded in the maxillofacial area at the stages of medical evacuation.

Final and module control 2.

5.2. The structure of the discipline

Names of content modules and topics	Number of hours					
	Form of study:					
	Total	Including				
		lectures	Practical (seminar)	laboratory	Individual work	Independent work
VII semester						
Module 1						
Theme №1. Classification of tumors, etiology, pathogenesis, patterns of growth and development of benign tumors, the principles of their differential diagnosis and treatment. Benign tumors and tumor-like neoplasms of the soft tissues of the thyroid gland: papilloma, fibroma, lipoma, hemangioma, atheroma. Etiology, pathogenesis, classification, histological structure, clinic, differential diagnosis, treatment and prevention of complications. Benign tumors and tumor-like neoplasms of the soft tissues of the thyroid gland: neurofibromatosis, dermoid and epidermal cysts. Etiology, pathogenesis, classification, histological structure, clinic, differential diagnosis, treatment and prevention of complications.	2		2			
Theme №2. Benign tumors and tumor-like neoplasms of the soft tissues of the thyroid gland: middle and lateral neck cysts, brachiogenic cysts and fistulas. Etiology, pathogenesis, classification, histological structure, clinic, differential diagnosis, treatment and prevention of complications. Odontogenic and neodontogenic cysts of the jaws. Etiology, pathogenesis, classification, histological structure, clinic, differential diagnosis, treatment and prevention of complications. Benign odontogenic tumors of the jaws: ameloblastoma (adamantinoma). Classification, histological structure, clinic, differential diagnosis, principles and methods of treatment, prevention of	4	2	2			

complications.						
Theme №3. Benign odontogenic tumors of the jaws: odontoma, cementoma. Classification, histological structure, clinic, differential diagnosis, principles and methods of treatment, prevention of complications Benign neodontogenic tumors of the jaws: osteoblastoma, osteoma, osteoid-osteoma. Classification, histological structure, clinic, differential diagnosis, principles and methods of treatment, prevention of complications. Benign neodontogenic tumors of the jaws: chondroma, hemangioma, fibroma, epulid. Classification, histological structure, clinic, differential diagnosis, principles and methods of treatment, prevention of complications.	2		2			
Theme №4. Osteogenic tumor-like neoplasms of the jaws (fibrous osteodysplasia, parathyroid osteodystrophy, Paget's disease, eosinophilic granuloma): etiology, pathogenesis, classification, histological structure, clinic, differential diagnosis, features of treatment. Benign tumors of the salivary glands: classification etiology, histological structure, clinic, differential diagnosis, principles and methods of treatment.	4		4			
Theme №5. Cysts of the salivary glands: classification etiology, histological structure, clinic, differential diagnosis, principles and methods of treatment.	2		2			
Topic 6. Benign odontogenic tumors of the jaws: ameloblastoma (adamantinoma). Classification, histological structure, clinic, differential diagnosis, principles and methods of treatment, prevention of complications.	4	2	2			
Topic 7. Benign odontogenic tumors of the jaws: odontoma, cementoma. Classification, histological structure, clinic, differential diagnosis, principles and methods of treatment, prevention of complications	2		2			
Topic 8. Benign neodontogenic tumors of the jaws: osteoblastoma, osteoma, osteoid-osteoma. Classification, histological structure, clinic, differential diagnosis, principles and methods of treatment, prevention of complications.	2		2			
Topic 9. Benign neodontogenic tumors of the jaws: chondroma, hemangioma, fibroma, epulid. Classification, histological structure, clinic, differential diagnosis, principles and methods of treatment, prevention of complications.	2		2			
Topic 10. Osteogenic tumor-like neoplasms of the jaws	4		4			

(fibrous osteodysplasia, parathyroid osteodystrophy, Paget's disease, eosinophilic granuloma): etiology, pathogenesis, classification, histological structure, clinic, differential diagnosis, features of treatment.						
Topic 11. Benign tumors of the salivary glands: classification etiology, histological structure, clinic, differential diagnosis, principles and methods of treatment.	2		2			
Topic 12. Cysts of the salivary glands: classification etiology, histological structure, clinic, differential diagnosis, principles and methods of treatment.	2		2			
Final and module control 1	2		2			
Total for module 1	**34**	4	**30**			
Module 2						
Theme №1. Curation of patients with writing a medical history. Independent work of students under the guidance of a teacher.	2		2			
Theme №2. Biological foundations of clinical oncology. Precancerous diseases and skin cancer: classification, histological structure, clinical forms, stages of the disease, differential diagnosis, treatment (surgery, radiation, chemotherapy, immunocorrection, etc.), prevention and prevention of complications	2		2			
Theme №3. Precancerous diseases and cancer of the lower lip: classification, histological structure, clinical forms, stages of the disease, differential diagnosis, principles and methods of treatment (surgical, radiation, chemotherapy, immunocorrection, etc.), prevention and prevention of complications. Precancerous diseases and cancer of the mucous membrane of the mouth and tongue: histological structure, clinical forms, stages, differential diagnosis, treatment, complications and prevention.	4		4			
Theme №4. Malignant tumors of the salivary glands: histological structure, clinical forms, differential diagnosis, treatment. Cancer and sarcoma of the jaws: origin and histological structure, classification, clinic, differential diagnosis, treatment, complications and prevention.	2		2			
Theme №5. Malignant tumors of the neck. Lymphadenopathy of the thyroid gland.	2		2			
Topic 6. Cancer and sarcoma of the jaws: origin and histological structure, classification, clinic, differential diagnosis, treatment, complications and prevention.	4		4			
Topic 7. Malignant tumors of the neck. Lymphadenopathy of the thyroid gland.	2		2			

Final and module control 2	**2**		**2**			
Total for module 2	**20**	0	**20**			
Together for the semester	**54**	**4**	**50**			
VIII semester						
Module 1						
Theme №1. Subject and tasks of military dentistry. Organization of surgical care for maxillofacial wounded in peaceful, extreme conditions. Military medical doctrine. Basic principles of organization, scope and content of care for the wounded in the maxillofacial area (MVF).	4	2	2			
Theme №2. Traumatic disease: pathogenesis, features of SHLD injuries.	4	2	2			
Theme №3. General characteristics, clinical course, diagnosis of gunshot wounds and soft tissue injuries, facial bones in peacetime, in extreme conditions: classification, features of the clinical course, diagnosis of injuries at the stages of medical evacuation. Influence of facial aesthetics disorders on the psyche of the wounded. Modern gunshot wound, its treatment.	4		4			
Theme №4. Concomitant complications of SHLD injuries (bleeding, asphyxia, shock), their prevention. Medical care at the site of injury, at the stages of medical evacuation.	2		2			
Theme №5. Damage to soft tissues of the thyroid gland in peacetime, in extreme conditions: classification, clinical course, methods of surgical treatment of wounds, types of sutures. Providing assistance to such wounded at the site of injury, at the stages of medical evacuation, taking into account the aesthetics of the face.	2		2			
Theme №6. Non-gunshot injuries of teeth and alveolar process in peacetime, in extreme conditions: classification, clinic, treatment.	2		2			
Theme №7.Injuries of the lower jaw in peacetime, in extreme conditions: anatomy of injuries, classification, clinical course, diagnosis.	4		4			
Theme №8. Medical care for patients with mandibular fractures at the site of injury and during the stages of medical evacuation. Achievements of domestic scientists, employees of the department.	2		2			
Modular control work №1	**4**		**4**			
Total of module 1	**28**	**4**	**24**			
Module 2						
Theme №1. Damage to the upper jaw in peacetime, in extreme conditions: anatomy of injuries, classification, clinical course.	4		4			
Theme №2.Medical care for patients with fractures of the upper jaw at the site of injury, during the stages of medical evacuation. Achievements of domestic scientists and staff of	2		2			

the department.						
Theme №3. Damage to the chin bones, nasal bones in peacetime, in extreme conditions: classification, frequency, clinic, diagnosis, treatment. Achievements of domestic scientists, employees of the department.	6	2	4			
Theme №4. Bone regeneration, types. Bone wound healing. Methods for optimizing bone regeneration. Achievements of domestic scientists, employees of the department.	4		4			
Theme №5. Thermal injuries of the face in peacetime, in extreme conditions, their consequences, treatment, prevention of complications. Burn disease with facial injuries.	2		2			
Theme №6. Combined damage to the thyroid gland, pathogenesis, variants of the clinical course depending on the characteristics of the lesion, treatment, possible complications.	2		2			
Theme №7. Organization of nutrition and care for the wounded in the maxillofacial area at the stages of medical evacuation.	4		4			
Modular control work № 2	4		4			
Total of module 2	**28**	**2**	**26**			
Total for the semester	**56**	**6**	**50**			
Hours in general	**110**	**10**	**100**			

5.3. Topics of lectures
I semester

№ p/c	***Topic***	***Number of hours***
1.	Benign tumors and neoplasms of the soft tissues of the maxillofacial area (papilloma, fibroma, lipoma, hemangioma, atheroma, neurofibromatosis, cysts of soft tissues): etiology, pathogenesis, classification, histological structure, diagnostics, diagnosis complications. Tumor neoplasms of the jaws: cysts (odontogenic and neodontogenic), osteodysplasia and osteodystrophy, eosinophilic granuloma: classification, etiology, pathogenesis, histological structure, clinic, diagnosis, treatment and prevention of complications.	2
2.	Benign odontogenic and nonodontogenic tumors of the jaws (ameloblastoma, odontoma, cementoma, odontogenic fibroma, osteoblastoclastoma, osteoma, osteoid-osteoma, chondroma, desmoplastic fibroma, epulidics, etc.), classification.	2
TOGETHER		**4**

Topics of lectures

II semester

№ p/c	*Topic*	*Number of hours*
1.	Definition and tasks of military dentistry, dentistry of extreme conditions. Military Medical Doctrine of the Army. Organization of surgical assistance to the maxillofacial wounded in the army in peacetime, in extreme conditions, during acts of terrorism, military action. Traumatic disease: pathogenesis, clinic, treatment, complications. Features of damage to the maxillofacial area. Classification, surgical treatment of soft tissue wounds of the maxillofacial area. Modern gunshot wound, its treatment. Complications of damage to the maxillofacial area: bleeding, asphyxia, shock, syndrome of prolonged compression of facial tissues.	2
2.	Inflammatory and non-inflammatory lesions of the upper and lower jaws: anatomy of lesions, pathogenesis, classification, statistics, clinic, diagnosis, evacuation-transport immobilization. Methods of conservative (tire, cap) and operative (osteosynthesis, apparatus) treatment of fractures of the facial skull. Types of healing of jaw fractures.	2
3.	Damage to the jaw bones, nose bones in peacetime, in extreme conditions during terrorist attacks, hostilities: classification, frequency, clinic, diagnosis, treatment. Complication.	2
TOGETHER		**6**

5.4. Practical topics

Semester VII
2020-2021 academic year

№ p/s	Topic	Number of hours
1	**Topic №1. Classification of tumors, etiology, pathogenesis, patterns of growth and development of benign tumors, the principles of their differential diagnosis and treatment. Benign tumors and tumor-like neoplasms of the soft tissues of the thyroid gland: papilloma, fibroma, lipoma, hemangioma, atheroma. Etiology, pathogenesis, classification, histological structure, clinic, differential diagnosis, treatment and prevention of complications. Benign tumors and tumor-like neoplasms of the soft tissues of the thyroid gland: neurofibromatosis, dermoid and epidermal cysts. Etiology, pathogenesis, classification, histological structure, clinic, differential diagnosis, treatment and prevention of complications.**	**2**

2	**Topic №2. Benign tumors and tumor-like neoplasms of the soft tissues of the thyroid gland: middle and lateral neck cysts, brachiogenic cysts and fistulas. Etiology, pathogenesis, classification, histological structure, clinic, differential diagnosis, treatment and prevention of complications. Odontogenic and neodontogenic cysts of the jaws. Etiology, pathogenesis, classification, histological structure, clinic, differential diagnosis, treatment and prevention of complications. Benign odontogenic tumors of the jaws: ameloblastoma (adamantinoma). Classification, histological structure, clinic, differential diagnosis, principles and methods of treatment, prevention of complications.**	**2**
3	**Topic №3. Benign odontogenic tumors of the jaws: odontoma, cementoma. Classification, histological structure, clinic, differential diagnosis, principles and methods of treatment, prevention of complications Benign neodontogenic tumors of the jaws: osteoblastoma, osteoma, osteoid-osteoma. Classification, histological structure, clinic, differential diagnosis, principles and methods of treatment, prevention of complications. Benign neodontogenic tumors of the jaws: chondroma, hemangioma, fibroma, epulid. Classification, histological structure, clinic, differential diagnosis, principles and methods of treatment, prevention of complications.**	**2**
4	**Topic №4. Osteogenic tumor-like neoplasms of the jaws (fibrous osteodysplasia, parathyroid osteodystrophy, Paget's disease, eosinophilic granuloma): etiology, pathogenesis, classification, histological structure, clinic, differential diagnosis, features of treatment, complications. Benign tumors of the salivary glands: classification etiology, histological structure, clinic, differential diagnosis, principles and methods of treatment.**	**4**
5	**Topic №5. Salivary gland cysts: classification etiology, histological structure, clinic, differential diagnosis, principles and methods of treatment.**	**2**
6	**Topic 6. Benign odontogenic tumors of the jaws: ameloblastoma (adamantinoma). Classification, histological structure, clinic, differential diagnosis, principles and methods of treatment, prevention of complications.**	**2**
7	**Topic 7. Benign odontogenic tumors of the jaws: odontoma, cementoma. Classification, histological structure, clinic, differential diagnosis, principles and methods of treatment, prevention of complications**	**2**
8	**Topic 8. Benign neodontogenic tumors of the jaws: osteoblastoma, osteoma, osteoid-osteoma. Classification, histological structure, clinic, differential diagnosis, principles and methods of treatment, prevention of complications.**	**2**
9	**Topic 9. Benign neodontogenic tumors of the jaws: chondroma, hemangioma, fibroma, epulid. Classification, histological structure, clinic, differential diagnosis, principles and methods of treatment, prevention of complications.**	**2**
10	**Topic 10. Osteogenic tumor-like neoplasms of the jaws (fibrous osteodysplasia, parathyroid osteodystrophy, Paget's disease, eosinophilic**	**4**

	granuloma): etiology, pathogenesis, classification, histological structure, clinic, differential diagnosis, features of treatment.	
11	**Topic 11. Benign tumors of the salivary glands: classification etiology, histological structure, clinic, differential diagnosis, principles and methods of treatment.**	**2**
12	**Topic 12. Cysts of the salivary glands: classification etiology, histological structure, clinic, differential diagnosis, principles and methods of treatment.**	**2**
	Final and module control 1	**2**
1	**Topic №1. Curation of patients with writing a medical history. Independent work of students under the guidance of a teacher.**	**2**
2	**Topic №2. Biological bases of clinical oncology. Precancerous diseases and skin cancer: classification, histological structure, clinical forms, stages of the disease, differential diagnosis, treatment (surgery, radiation, chemotherapy, immunocorrection, etc.), prevention and prevention of complications.**	**2**
3	**Topic №3. Precancerous diseases and cancer of the lower lip: classification, histological structure, clinical forms, stages of the disease, differential diagnosis, principles and methods of treatment (surgical, radiation, chemotherapy, immunocorrection, etc.), prevention and prevention of complications. Precancerous diseases and cancer of the mucous membrane of the mouth and tongue: histological structure, clinical forms, stages, differential diagnosis, treatment, complications and prevention.**	**4**
4	**Topic №4. Malignant tumors of the salivary glands: histological structure, clinical forms, differential diagnosis, treatment. Cancer and sarcoma of the jaws: origin and histological structure, classification, clinic, differential diagnosis, treatment, complications and prevention.**	**2**
5	**Topic №5. Malignant tumors of the neck. Lymphadenopathy of the thyroid gland.**	**2**
6	**Topic 6. Cancer and sarcoma of the jaws: origin and histological structure, classification, clinic, differential diagnosis, treatment, complications and prevention.**	**4**
7	**Topic 7. Malignant tumors of the neck. Lymphadenopathy of the thyroid gland.**	**2**
	Final and module control 2	**2**
TOTAL		**50**

Semester VII

№ p/s	**Topic**	**Number of hours**
1.	**Theme №1. Subject and tasks of military dentistry. Organization of surgical care for maxillofacial wounded in peaceful, extreme conditions. Military**	**4**

	medical doctrine. Basic principles of organization, scope and content of care for the wounded in the maxillofacial area (MVF).	
2.	**Theme №2. Traumatic disease: pathogenesis, features of SHLD injuries.**	**2**
3.	**Theme №3. General characteristics, clinical course, diagnosis of gunshot wounds and soft tissue injuries, facial bones in peacetime, in extreme conditions: classification, features of the clinical course, diagnosis of injuries at the stages of medical evacuation. Influence of facial aesthetics disorders on the psyche of the wounded. Modern gunshot wound, its treatment.**	**4**
4.	**Theme №4. Concomitant complications of SHLD injuries (bleeding, asphyxia, shock), their prevention. Medical care at the site of injury, at the stages of medical evacuation.**	**2**
5.	**Theme №5. Damage to the soft tissues of the thyroid gland in peacetime, in extreme conditions: classification, clinical course, methods of surgical treatment of wounds, types of sutures. Providing assistance to such wounded at the site of injury, at the stages of medical evacuation, taking into account the aesthetics of the face.**	**4**
6.	**Theme №6. Non-gunshot injuries of teeth and alveolar process in peacetime, in extreme conditions: classification, clinic, treatment.**	**2**
7.	**Theme №7. Injuries of the lower jaw in peacetime, in extreme conditions: anatomy of injuries, classification, clinical course, diagnosis.**	**2**
8.	**Theme №8. Medical care for patients with fractures of the mandible at the site of injury and during the stages of medical evacuation. Achievements of domestic scientists, employees of the department.**	**2**
9.	**Modular control work №1**	**4**
10.	**Theme №9. Damage to the upper jaw in peacetime, in extreme conditions: anatomy of injuries, classification, clinical course.**	**4**
11.	**Theme №10. Medical care for patients with fractures of the upper jaw at the site of injury, during the stages of medical evacuation. Achievements of domestic scientists and staff of the department.**	**2**
12.	**Theme №11. Damage to the chin bones, nasal bones in peacetime, in extreme conditions: classification, frequency, clinic, diagnosis, treatment. Achievements of domestic scientists, employees of the department.**	**4**
13.	**Theme №12. Bone regeneration, types. Bone wound healing. Methods for optimizing bone regeneration. Achievements of domestic scientists, employees of the department.**	**4**
14.	**Theme №13. Thermal injuries of the face in peacetime, in extreme conditions, their consequences, treatment, prevention of complications. Burn disease with facial injuries.**	**2**
15.	**Theme №14. Combined damage to the thyroid gland, pathogenesis, variants of the clinical course depending on the characteristics of the lesion, treatment, possible complications.**	**2**

16.	**Theme №15. Organization of nutrition and care for the wounded in the maxillofacial area at the stages of medical evacuation.**	**4**
17.	**Modular control work №2**	**4**
	TOTAL	**50**

6. 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

7. 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

8. CRITERIA FOR EVALUATION OF LEARNING OUTCOMES

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	T10	T11	T12	25	100
6	6	6	6	6	6	6	6	6	7	7	7		

T1, T2 ... T12 – 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	25	100
10	10	10	10	11	12	12		

T1, T2 ... T7 – 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	25	100
8	8	9	10	10	10	10	10		

T1, T2 ... T8 – 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	25	100
10	10	10	10	11	12	12		

T1, T2 ... T7 – 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	12	27	7	27	8	27	7	27
Laboratory classes (admittance, performance and protection)	-	-	-	-	-	-	-	-
Computer-based thematic evaluation	1	10	1	10	1	10	1	10
Written testing with thematic evaluation	12	27	7	27	8	27	7	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

<table>
<tr><td rowspan="2">Sum of points for all kinds of educational activity</td><td rowspan="2">ECTS grade</td><td colspan="2">Score on a national scale</td></tr>
<tr><td>for exam, course project (work), practice</td><td>to offset</td></tr>
<tr><td>90 – 100</td><td>A</td><td>perfectly</td><td rowspan="5">counted</td></tr>
<tr><td>82-89</td><td>B</td><td rowspan="2">good</td></tr>
<tr><td>74-81</td><td>C</td></tr>
<tr><td>64-73</td><td>D</td><td rowspan="2">satisfactorily</td></tr>
<tr><td>60-63</td><td>E</td></tr>
<tr><td>35-59</td><td>FX</td><td>unsatisfactory with the possibility of reassembly</td><td>not reassigned</td></tr>
<tr><td>0-34</td><td>F</td><td>unsatisfactory with mandatory re-study of the discipline</td><td>not counted with the mandatory re-study of the discipline</td></tr>
</table>

9. LIST OF ISSUES TO BE FINISHED FOR FINAL CONTROL

1. Ameloblastoma. Etiology, pathogenesis, histological structure, clinic, treatment.
2. Lateral fistulas of the neck. Etiology, pathogenesis, histological structure, clinic, treatment.
3. Globulo-maxillary cyst. Etiology, pathogenesis, histological structure, clinic.
4. Benign soft tissue tumors of the maxillofacial area: hemangioma. Etiology, pathogenesis, histological structure, classification, clinic.
5. Benign tumors of the soft tissues of the maxillofacial area: lipoma. Etiology, pathogenesis, histological structure, clinic, treatment.
6. Benign soft tissue tumors of the maxillofacial area: neurofibromatosis. Etiology, pathogenesis, histological structure, classification, clinic, treatment.
7. Benign tumors of the soft tissues of the maxillofacial area: papilloma. Etiology, pathogenesis, histological structure, clinic, treatment.
8. Benign soft tissue tumors of the maxillofacial area: fibroma. Etiology, pathogenesis, histological structure, classification, clinic, treatment.
9. Epidermoid cyst of the jaw. Etiology, pathogenesis, histological structure, clinic, treatment.
10. Epulid. Etiology, pathogenesis, histological structure, classification, clinic, treatment.
11. Carcinogenic substances
12. Cyst of the nasopharyngeal canal. Etiology, pathogenesis, histological structure, clinic.
13. Maxillofacial soft tissue cysts: atheroma. Etiology, pathogenesis, histological structure, clinic, treatment.
14. Soft tissue cysts of the maxillofacial area: lateral cysts. Etiology, pathogenesis, histological structure, clinic, treatment.
15. Soft tissue cysts of the maxillofacial area: epidermal cyst. Etiology, pathogenesis, histological structure, clinic, treatment.

16. Soft tissue cysts of the maxillofacial area: median cysts. Etiology, pathogenesis, histological structure, clinic, treatment.
17. Cysts of the salivary glands. Etiology, pathogenesis, classification, clinic, treatment.
18. Classification of jaw cysts.
19. Classification of WHO tumors
20. Treatment of jaw cysts.
21. Nasolabial cyst. Etiology, pathogenesis, histological structure, clinic.
22. Odontoma. Etiology, pathogenesis, histological structure, classification, clinic, treatment.
23. Signs of benign tumors
24. Signs of malignant tumors
25. Osteoblastoma. Etiology, pathogenesis, histological structure, classification, clinic, treatment.
26. Osteoid osteoma. Etiology, pathogenesis, histological structure, classification, clinic, treatment.
27. Osteoma. Etiology, pathogenesis, histological structure, classification, clinic, treatment. Classification of exostoses.
28. Periodontal cyst. Etiology, pathogenesis, histological structure, clinic.
29. Radicular cyst. Etiology, pathogenesis, histological structure, clinic.
30. The middle fistula of the neck. Etiology, pathogenesis, histological structure, clinic, treatment.
31. Theories of the origin of tumors.
32. Fibrous osteodysplasia of the jaws. Etiology, pathogenesis, histological structure, classification, clinic, treatment.
33. Fibroma of the jaws. Etiology, pathogenesis, histological structure, clinic, treatment.
34. Follicular cyst. Etiology, pathogenesis, histological structure, clinic.
35. Chondroma. Etiology, pathogenesis, histological structure, classification, clinic, treatment.
36. Cementoma. Etiology, pathogenesis, histological structure, classification, clinic.
37. Adenocystic carcinoma.
38. Basal cell carcinoma of the maxillofacial area.
39. Warty precancer.
40. The structure of the skin
41. Keira's erythroplasia.
42. Erosive-ulcerative and verrucous forms of leukoplakia.
43. II branch of the trigeminal nerve. Course, areas of innervation.
44. III branch of the trigeminal nerve. Sensitive innervation.
45. Carcinoma of the soft tissues of the maxillofacial area.
46. Carcinoma of the lower jaw.
47. Classification of precancerous diseases of the maxillofacial area.
48. Clinical anatomy of the upper jaw.
49. Clinical anatomy of the mandible.
50. Burkitt's lymphoma.
51. Malignant pleomorphic adenoma.
52. Melanoma of the maxillofacial area.
53. Mucoepidermoid carcinoma.
54. Limited hyperkeratosis of the red border of the lower lip.
55. Planes of Ongren. Carcinoma of the upper jaw.
56. Ewing's sarcoma.
57. Bowen's disease.
58. Cheilit Manganotti
59. Chronic cleft lip.
60. Skin horn.

10. 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.

11. Рекомендована література

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Результати перегляду
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Робоча програма перезатверджена на 20___ / 20___ н.р. без змін; зі змінами (Додаток ___). (потрібне підкреслити)

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